Medical and Health Sciences
Undergraduate Prospectus 2019

Medicine | Medical Sciences | Nursing | Pharmacy
Population Health | Optometry and Vision Science
Welcome to the Faculty of Medical and Health Sciences

Congratulations! If you are thinking of a career in a health, we can provide you with the foundations for a most rewarding vocation.

Healthcare is changing, with many new roles important for providing care to both young and old. Pathways to these new roles are available through our wide range of programmes. We offer opportunities to learn in laboratory, non-clinical, clinical and community settings.

Since our beginnings in 1968, we have become internationally recognised as a comprehensive health sciences faculty, with over 1000 staff and 4500 students across fields such as medicine, nursing, medical science, public health, health promotion and management, pharmacy, optometry and so much more. In 2018, we proudly celebrate our 50th anniversary, and many of our distinguished alumni who are doing remarkable things across the globe will be here to celebrate this milestone.

The Faculty of Medical and Health Sciences plays a large part in making the University of Auckland New Zealand’s premier university, ranked in the top 100 in the world. Many of our staff have contributed to significant discoveries that advance modern medicine, and our graduates can be found in the world’s best hospitals, medical centres, laboratories and biotech companies. As a student here, you will benefit from academic, professional and research staff who are at the forefront of their fields.

Join us in 2019, become part of a welcoming and supportive family and be part of an active student body.

The Grafton Campus is located across from Auckland Hospital, New Zealand’s largest public hospital. The Campus is also opposite the beautiful Auckland Domain in the heart of a city that is ranked third out of 230 world cities for quality of living*. Studying at the University of Auckland will enable you to discover and enjoy the many cultural and recreational activities our beautiful City of Sails has to offer.

This prospectus is a guide to the undergraduate study options offered through our six schools: Medicine, Medical Sciences, Nursing, Optometry and Vision Science, Pharmacy and Population Health.

Explore our prospectus and visit our website to learn about the options. I very much look forward to welcoming you in 2019.

PROFESSOR JOHN FRASER
Dean, Faculty of Medical and Health Sciences
The University of Auckland

*Mercer Quality of Living Survey, 2017
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Why study with us?

The University of Auckland is New Zealand’s leading University. It is the only NZ university ranked in the top 100 in the QS World University Rankings.* It is also the highest ranked New Zealand University in the Times Higher Education World University Rankings.**

QS World Rankings by Subject 2017*

- Anatomy and Physiology 34
- Life Sciences and Medicine 62
- Nursing 50

Vocational opportunities

The Faculty of Medical and Health Sciences (FMHS) offers undergraduate degrees in Biomedical Science, Health Sciences, Medical Imaging, Medicine, Nursing, Optometry and Pharmacy. These programmes are supported with foundation courses where appropriate.

Health is a diverse and rewarding field. Whether you want to be a doctor, nurse, optometrist, pharmacist, scientist, health promoter or health management professional, our faculty will provide you with the best opportunity to learn, achieve and succeed.

Ready-made careers

We work closely with district health boards and with other health organisations across New Zealand. This ensures that you learn from teachers with both knowledge and experience in the New Zealand health system. These same partners offer our graduates opportunities to make positive and informed decisions about future careers upon graduation.

Outstanding facilities

Teaching and research facilities at our Grafton Campus are world-class, and we offer all our students a full digitally connected learning environment. In addition to our state-of-the-art Grafton Campus, the faculty’s School of Population Health is based in an award-winning, student-friendly facility at our Tāmaki Innovation Campus.

* www.topuniversities.com
** www.timeshighereducation.com
Health Sciences

If effecting change in social issues such as addictions, abuse and poverty is something you are passionate about, Health Sciences is the best place to start your journey. The Bachelor of Health Sciences (BHSc) is a public health degree that prepares graduates for a wide range of health-related careers.

Quick facts – BHSc

Full-time: 3 years  
Points per degree: 360  
Taught at: Tāmaki Innovation Campus (mainly) and City Campus  
Application closing date: 8 December 2018  
Classes start: 4 March 2019  
Conjoint combinations: Arts, Commerce, Global Studies (subject to CUAP approval), Law, Nursing, Science

The programme focuses on socio-economic and behavioural factors affecting health and health provision, the role governments play in determining health policy, how health systems function, and the biological and social bases of ill-health in our communities.

Highlights

- This unique non-clinical programme provides a multidisciplinary understanding of health, healthcare and health services in New Zealand.
- Students gain an understanding of the biological, social and behavioural bases of the western medical system as preparation for a career in the health sector and related industries.
- The first year of this programme provides a pathway into undergraduate clinical programmes in Medicine, Nursing, Optometry and Pharmacy.

What you’ll be studying

In the first year you will:

- Focus on the health of populations with courses such as Health and Society, Health Systems, and Population Health.

In the second year and beyond you will:

- Complete a number of core courses and select from a range of optional courses to focus your degree. Topics include: Māori Health and Practice, Health and Pacific People in NZ, Health in Asian Communities, Health Care Ethics, Research Methods, Health Informatics, Health Promotion, Nutrition and Environmental Health.
- Choose among suggested pathways designed to assist you in course selection and in preparing for a future career in health.

How do you get in?

We welcome applications from:

- School-leavers, with NCEA, CIE or IB qualifications, who have achieved the New Zealand University Entrance (UE) standard and meet the requirements for guaranteed entry to the programme.
- Students with prior tertiary study at a New Zealand or overseas institution.
- School-leavers who have studied at an overseas secondary school. See pg. 24.
- Home-school students who have achieved New Zealand University Entrance (UE) standard.
- Students who have completed the Tertiary Foundation Certificate (TFC) or CertHSc (MAPAS only) (pg. 26) at University of Auckland.

Choose your career

The Bachelor of Health Sciences opens up a range of exciting career opportunities in the health and social sectors, including the following roles:

Policy analyst, health service manager, health promotor, health researcher, consultant, business development manager, health economist, health informatician, community addictions counsellor, population nutrition specialist, health protection officer.

Interested in further study?

The BHSc may also lead to graduate study in public health, health science or health management.

The School of Population Health offers a range of postgraduate programmes, including honours, masters and doctorates. Students with a conjoint degree are also eligible for postgraduate study in their chosen discipline.

BHSc first-year courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Semester</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>POPLHLTH 101</td>
<td>Health Systems 1</td>
<td>One</td>
<td>15</td>
</tr>
<tr>
<td>POPLHLTH 111</td>
<td>Population Health</td>
<td>One</td>
<td>15</td>
</tr>
<tr>
<td>Approved Elective</td>
<td></td>
<td>One/Two</td>
<td>15</td>
</tr>
<tr>
<td>Approved Elective</td>
<td></td>
<td>One/Two</td>
<td>15</td>
</tr>
<tr>
<td>Approved Elective</td>
<td></td>
<td>One/Two</td>
<td>15</td>
</tr>
<tr>
<td>POPLHLTH 102</td>
<td>Health and Society</td>
<td>Two</td>
<td>15</td>
</tr>
<tr>
<td>HLTHPSYC 122</td>
<td>Behaviour, Health and Development</td>
<td>Two</td>
<td>15</td>
</tr>
</tbody>
</table>

General Education course  

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Semester</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 110</td>
<td>Chemistry of the Living World</td>
<td>One</td>
<td>15</td>
</tr>
<tr>
<td>BIOSCI 107</td>
<td>Biology for Biomedical Science: Cellular Processes and Development</td>
<td>One</td>
<td>15</td>
</tr>
<tr>
<td>MEDSCI 142</td>
<td>Biology for Biomedical Science: Organ Systems</td>
<td>Two</td>
<td>15</td>
</tr>
</tbody>
</table>

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Special entry scheme

Māori and Pacific Admission Scheme (MAPAS) Students with verified indigenous New Zealand Māori or Pacific whakapapa/ancestry are eligible to apply. See pg. 26.

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More information

Student centre – pg. 30
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www.auckland.ac.nz/bhsc
Scott Parekowhai
Ngāti Porou
Student: Bachelor of Health Sciences
Conjoint Bachelor of Nursing

"After I graduated with a Certificate in Health Sciences, I decided to study a Bachelor of Health Sciences/Bachelor of Nursing conjoint to extend my skills and pursue my passion. A passion to support people is what drives me and I aspire to have a leading role in enhancing the health and well-being of the New Zealand population. My passion, my own health challenges, and a need for more Māori health professionals started me on this journey."

"By studying a conjoint, I get the best of both worlds and so in my future career, I will be able to use the nursing clinical knowledge to support the health of my patients – and I’ll combine this with my health science knowledge to address the social determinants of health which drive inequalities. I also want to bring the elements of Te Ao Māori into my practice through following tikanga Māori and utilising Te Reo Māori to improve the health outcomes of my people."

"In future, I hope to go into health management, aspiring to be a general manager for Māori within Waitemata District Health Board."

"I have learnt so much through my courses already. One thing I really enjoyed about the Bachelor of Health Sciences was the broad range of courses offered within my papers, including Health Psychology, Nutrition, and Health Ethics."

"Studying at the Faculty of Medical and Health Sciences has been a rewarding experience so far. I love the balance of student life and study and I feel proud to be a student here."
Stacy-Ria
Te Kurapa-King
Ngā Puhi, Rongowhakaata and Tūhoe
Student:
Certificate in Health Sciences (2017)
Bachelor of Health Sciences (2018)

“I have a passion for Māori Health, and aspire to become a health care professional. Health Sciences is a stepping stone in my journey towards achieving my aspirations.

“There are too many things that I enjoy about my programme. I was always interested in the state of Māori health, in high school. The content of my programme only feeds this burning flame inside of me. The things I’m learning make me more determined to achieve my goal of becoming a Māori health professional, and contributing to the decrease in health inequity for Māori and Pacific people. That is one reason why I love what I am learning. The other aspect that I enjoy about my programme, are the lifelong friends and family that I have gained from it. Last but not least, I really like how my programme aims to protect and strengthen my cultural identity.

“As a young Māori girl, coming from a strong Māori background, home environment and high school, I was initially afraid of big old Auckland. But, aside from the expected trials and challenges of being a university student, I have come to really enjoy the things that Auckland city and the University of Auckland have to offer. I have met some amazing people and teachers this year. I am constantly surrounded by the support of MAPAS and the ‘family away from home’ that they have blessed me with and I absolutely love the content that I am learning. I have also had plenty of opportunities to find ‘balance’ this year, by participating in extracurricular and recreational activities, with my friends. I love uni life!”
The Certificate in Health Sciences (CertHSc) may be your best starting point towards a health career. This one-year programme provides Māori and Pacific students with the skills and content knowledge needed to enter into and complete health professional study in the Faculty of Medical and Health Sciences. If you are a school leaver or returning to study, the CertHSc can help strengthen your sciences, improve your academic writing and prepare you for success. Anyone wishing to be considered for the CertHSc must attend the MAPAS General Interviews.

Quick facts – CertHSc, Hikitia Te Ora

Full-time: 1 year  
Points per degree: 120  
Taught at: Tāmaki Innovation Campus and Grafton Campus  
Application closing date: 8 December 2018  
Classes start: 25 February 2019 (inclusive of Week 0, which commences one week before classes – the exact date will be confirmed upon acceptance into the programme).*

Highlights

- The programme is designed specifically for Māori and Pacific students who require strengthening in science-related topics necessary for ongoing success in courses offered by the Faculty of Medical and Health Sciences.
- You will learn through a combination of lectures, tutorials, lab sessions and self-directed study within a culturally safe environment.
- Be exposed to cohort-based learning experiences within a supportive community of learning.
- Be supported to grow your Māori and Pacific leadership potential.

How do you get in?

All applicants will be required to attend an interview.

Where can the programme take you?

The Hikitia Te Ora Certificate in Health Sciences provides an entry pathway into the Bachelor of Nursing, as well as programmes such as the Bachelor of Health Sciences and the Bachelor of Science (Biomedical Science). From there, successful study in health sciences or biomedical science is an entry pathway into a degree in Medicine, Medical Imaging (honours), Optometry and Vision Science or Pharmacy.

CertHSc Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Semester</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAORIHTH 21H</td>
<td>Introduction to Biology</td>
<td>One</td>
<td>12</td>
</tr>
<tr>
<td>MAORIHTH 23H</td>
<td>Introduction to Chemistry 1</td>
<td>One</td>
<td>12</td>
</tr>
<tr>
<td>MAORIHTH 25H</td>
<td>Introduction to Population Health 1</td>
<td>One</td>
<td>12</td>
</tr>
<tr>
<td>MAORIHTH 27H</td>
<td>Academic and Professional Development in Māori and Pacific Health 1</td>
<td>One</td>
<td>12</td>
</tr>
<tr>
<td>MAORIHTH 29H</td>
<td>Introduction to Mathematics</td>
<td>One</td>
<td>12</td>
</tr>
<tr>
<td>MAORIHTH 22H</td>
<td>Introduction to Anatomy and Physiology</td>
<td>Two</td>
<td>12</td>
</tr>
<tr>
<td>MAORIHTH 24H</td>
<td>Introduction to Chemistry 2</td>
<td>Two</td>
<td>12</td>
</tr>
<tr>
<td>MAORIHTH 26H</td>
<td>Introduction to Population Health 2</td>
<td>Two</td>
<td>12</td>
</tr>
<tr>
<td>MAORIHTH 28H</td>
<td>Academic and Professional Development in Māori and Pacific Health 2</td>
<td>Two</td>
<td>12</td>
</tr>
<tr>
<td>MAORIHTH 31H</td>
<td>Introduction to Physics</td>
<td>Two</td>
<td>12</td>
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More information

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www.auckland.ac.nz/certhsc

*Week 0 is a compulsory programme of preparation for successful study within the Certificate in Health Sciences programme. It provides transitioning into a tertiary environment, builds whakawhanaungatanga within the cohort and starts with the development of skills required at university.
The AMRF Medical Sciences Learning Centre is a purpose-built and architecturally-designed facility for undergraduate, graduate and postgraduate education in anatomy, radiology and pathology. The Centre combines the Medical School’s anatomy and pathology museums and contains a wide range of anatomical models and specimens covering all body systems, over 1100 pathology specimens, and an extensive online radiology and pathology image database.
In order to apply for the BMedImag(Hons), you must have completed Year 1 of the Bachelor of Science (Biomedical Science) at University of Auckland. Alternatively, you must have completed a relevant degree or postgraduate diploma, such as science, health sciences or biomedical science. Graduates with a non-science bachelor’s degree can also apply for admission and will be considered by the admissions committee.

**Highlights**
- Study Medical Imaging at the number one ranking university in New Zealand.
- Benefit from a combination of academic and clinical components that are evidence-based and research-led ensuring graduates are able to apply their learning in the clinical workplace.
- Includes extensive hands-on clinical experience throughout the programme, supported by experienced Medical Imaging technologists in radiology departments.
- Graduates become eligible for registration with the New Zealand Medical Radiation Technologists Board (MRTB).*
- Experience patient-centred learning and teaching and be well prepared to contribute confidently in the Medical Imaging clinical environment.
- Become a critical, reflective practitioner with the ability to engage effectively in a multidisciplinary healthcare environment.

*Subject to formal accreditation.

**What you’ll be studying**
In the first year you will be enrolled in the BSc (Biomedical Science) taking set courses in Biology, Chemistry and Physics. Graduate entrants may be directed to include some or all of the Part I courses depending on their background.

In subsequent years (Parts II–IV) you will:
- Complete courses in radiographic positioning and image acquisition, Medical Imaging physical principles and technology, image optimisation and evaluation, patient care and safety, sectional imaging anatomy and pathology, professional and evidence-based practice, and specialised imaging
- Obtain clinical experience in simulation labs, hospitals and outpatient radiology facilities
- Produce a final-year dissertation that develops your analytical and research skills in Medical Imaging

**How do you get in?**
We welcome applications from:
- University of Auckland students who have completed Year 1 of the BSc (Biomedical Science)
- Graduates with prior tertiary study in related degrees

A limited number of places on the programme are also available to international applicants who meet our entry requirements. We recommend you apply early and contact the faculty’s International Manager, who is available to discuss your application.

**Choose your career**
Medical Imaging Technologists (MITs) can work in a variety of roles either in public hospitals or private radiology practices. Most will begin their career in general radiographic imaging (x-ray) with opportunities to also work in computed tomography (CT), angiography and mammography. MITs may subsequently choose to pursue additional studies to practise in specialisations such as magnetic resonance imaging (MRI), ultrasound and nuclear medicine. The role of the MIT in all of these imaging modalities is ever changing with the rapid advancement of technology.

**More information**
Student centre – pg. 30
Medicine

A rewarding, challenging and exciting career in medicine awaits you. Start your journey with us. The Bachelor of Medicine and Bachelor of Surgery (MBChB) is an in-depth programme designed to provide you with the medical knowledge plus clinical and research skills needed to pursue a vocation in any field of medicine. You will also gain valuable exposure to attitudes and awareness that will assist you in your career. You will learn how to develop a rapport with patients from a diverse range of cultures as well as how to work effectively with colleagues in other healthcare professions.

Quick facts – MBChB

Full-time: 6 years
Points per degree: 720
Taught at: Grafton Campus, Tāmaki Innovation Campus and at clinical sites throughout the upper North Island. Travel outside Auckland is mandatory.
Application closing date: 1 October 2018
Classes start: 25 February 2019

In order to apply for the MBChB, you must have completed Year 1 of either the Bachelor of Health Sciences (pg. 6) or the Bachelor of Science (Biomedical Science) (pg. 21) at University of Auckland. Alternatively, you must have completed a degree, postgraduate degree or postgraduate diploma, full-time, at a New Zealand university. All applicants must complete the Undergraduate Medical and Health Sciences Admission Test (UMAT) in the year of application for the MBChB.

For more information, see: https://umat.acer.edu.au

What you’ll be studying

During your first year, you will complete eight courses as part of either the Bachelor of Health Sciences or the Bachelor of Science (Biomedical Science).

You must pass every course and achieve a minimum B+ average (GPA 6.0) in order to be eligible for consideration for entry to MBChB Part II.

In the second year and beyond you will:

• Study medicine in five broad domains:
  • Applied Science for Medicine
  • Clinical and Communication Skills
  • Personal and Professional Skills
  • Hauora Māori
  • Population Health

• Have opportunities for inter-professional learning

• Undertake the fundamentals of clinical practice through multidisciplinary modules on systems in the human body in order to acquire clinical and professional skills

• From Part IV, experience clinical practice in context, spending a minimum of 33 weeks per year on rotation through the various medical disciplines at different clinical and community sites throughout the upper North Island

• Be part of year-long cohorts at sites within and outside of Auckland

• Experience practicums in hospital wards, outpatient clinics and the community, and play a part in caring for patients with diverse health problems

• Have the opportunity to undertake a regional rural year of medicine

• Have opportunities to choose your own clinical learning options in Parts V and VI

• Spend your final year preparing for the workforce in a clinical environment

Special entry schemes

• Māori and Pacific Admission Scheme (MAPAS) – Students with verified indigenous New Zealand Māori or Pacific whakapapa/ancestry are eligible to apply. See pg. 26.

• Regional Rural Admission Scheme (RRAS) – Placements available for students of regional/rural origin to apply. See pg. 26.

• A limited number of places on the programme are also available to international applicants who meet our entry requirements. We recommend you apply early and contact the faculty’s International Manager, who is available to discuss your application. See pg. 28.

Choose your career

Those who complete the Medical Programme are eligible to apply for provisional registration with the Medical Council of New Zealand. You might choose primary healthcare and work in general practice, or choose from a range of other specialist disciplines, including dermatology, emergency medicine, general medicine, geriatric medicine, gynaecology, medical research and education, neurology, obstetrics, oncology, paediatrics, pathology, psychiatry, public health, radiology and surgery.

Interested in further study?

Students interested in research may defer clinical MBChB studies after Part III and take a year pursuing a supervised research project of their choice to qualify for a Bachelor of Medical Science (Honours) (BMedSc(Hons)) degree before returning to complete their clinical training and graduating with both qualifications. In addition, the faculty offers a wide range of postgraduate programmes for doctors wishing to further their interests, up to Doctor of Medicine and PhD.

More information

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International students – pg. 28
www.auckland.ac.nz/mbchb
Logan Williams
Student: Bachelor of Medicine and Bachelor of Surgery

“I’ve always been passionate about anatomy and physiology, and completed my BSc (Biomedical Science) degree here at the University of Auckland prior to entering into Medicine.

“Throughout the first two years of my medical programme, we covered the fundamentals of the human body in organ system based modules, which I really enjoyed. I tried to make the most of the many opportunities available to me during those years, such as teaching and involvement with student-led organisations like the Paediatric Interest Group.

“After these two pre-clinical years, I opted to undertake a BMedSc(Hons) research year. The focus of my project was looking at the oxygen levels in preterm babies, and comparing them to the oxygen levels in term babies. The research was clinical, and I was fortunate to spend time in the neonatal intensive care, postnatal wards, and even be welcomed into the homes of the parents and babies to do oxygen recordings in the community. I’m aiming for a career in newborn medicine, and plan to conduct future doctoral studies, which will allow me to pursue a career that combines my passion for both newborn medicine and research.

“Despite the challenges, transitioning into the hospital environment has allowed me to get a better sense of how to be the best doctor that I can be. From the interactions between my supervisors and their patients, I’ve learned that medicine is also about advocating for and empowering patients, as well as fostering relationships with patients and their families.”
Jess Earnshaw
Student: Bachelor of Nursing

“I was a community support worker before pursuing nursing, so it seemed like a natural progression. My family always wanted me to go into nursing but I was hesitant – it wasn’t until I got out into the community that I realised nursing was for me.

“I’ve really enjoyed studying here at the Faculty of Medical and Health Sciences. The nursing school has a great family vibe and I’ve never experienced a group of people who care so much about their colleagues. What resonated with me throughout is the sense of holistic care conveyed by our lecturers. They emphasise the importance of looking at the whole person as an individual and advocating for them. People centred care is a huge cornerstone to the nursing degree and without it we aren’t respecting the discipline and we certainly aren’t respecting our patients. So it’s been cool to see that vein carried throughout.

“Being a part of the University, I was able to access the University Counselling Services to seek help with anxiety. I ticked the LGBTI friendly box and it ended up working out really well. They were really supportive and helped me come up with some strategies to deal with my anxiety. I think it’s really important to be open about mental health, especially in New Zealand.

“Anxiety is a common symptom for patients but also in hospital staff. I would love to be a part of easing that anxiety as a nurse through supportive, holistic care. My ultimate goal is to work as a nurse educator, study towards a postgraduate degree in public health and influence policy in this issue.”
Nursing

Our Bachelor of Nursing (BNurs) is an excellent programme. It ensures tomorrow’s nurses are educated in an interprofessional environment and provided with extensive clinical experience. It provides unparalleled clinical training within a structure of scholarship and research. It offers interprofessional learning opportunities through its ability to draw on a comprehensive range of Medicine, Optometry and Vision Science, Pharmacy and Health Sciences courses offered by the faculty.

Quick facts – BNurs

- **Full-time:** 3 years
- **Points per degree:** 360
- **Taught at:** Grafton Campus (some year one classes held at City Campus)
- **Application closing date:** 8 December 2018
- **Classes start:** 4 March 2019
- **Conjoint combinations:** Health Sciences, Science

Highlights

- BNurs is accredited by the Nursing Council of New Zealand.
- Students study with medical, pharmacy and health sciences students.
- The degree reflects how the healthcare system operates, presenting an interdisciplinary view of patient care.
- Capable students with a variety of skills have the opportunity to pursue a conjoint programme with either a Bachelor of Health Sciences or a Bachelor of Science.
- Students have the opportunity to learn in a supportive environment with dedicated lecturers who are all registered health professionals.

What you’ll be studying

In the first year (Part I) you will:

- Be introduced to the subjects that will form the platform for your studies, including Biology for Biomedical Science, Population Health, Behaviour, Health and Development, and Nursing in Practice.
- Take one General Education course.

In subsequent years (Parts II–III) you will:

- Explore the different areas of nursing practice, including such topics as mental health nursing, health of older people, family health care, Māori and Pacific health, medical and surgical nursing, and leadership in nursing.
- Gain clinical experience to underpin your knowledge.
- Include in your integrated semester course studies in pharmacology, microbiology, biological science, psychology, sociology and the humanities to support your nursing studies.

How do you get in?

We welcome applications from:

- School-leavers, with NCEA, CIE or IB qualifications, who have achieved the New Zealand University Entrance (UE) standard and meet the requirements for guaranteed entry to the programme
- Students with prior tertiary study at a New Zealand or overseas institution
- School-leavers who have studied at an overseas secondary school
- Home-school students who have achieved the New Zealand University Entrance (UE) standard
- Students who have completed the Tertiary Foundation Certificate (TFC) or CertHSc (MAPAS only) (pg. 26) at the University of Auckland

Choose your career

Nursing offers a variety of different career settings, practice specialities and roles. You may find yourself working as a community nurse, mental health nurse, nurse educator, nurse manager, child health nurse or a specialist nurse working in older people's health.

Interested in further study?

There are various postgraduate options for continuing your professional development. These include:

- Postgraduate Certificate or Diploma in Health Sciences (PGCertHSc or PGDipHSc)
- Advanced Nursing
- Mental Health Nursing
- Bachelor of Nursing (Honours) (BNurs(Hons))
- Master of Nursing Practice (MNursPrac)
- Master of Nursing (MNurs)
- Doctor of Philosophy (PhD)

More information

Student centre – pg. 30
Alternative entry – pg. 25
International – pg. 28
www.auckland.ac.nz/bnurs

Special entry scheme

Māori and Pacific Admission Scheme (MAPAS)

Students with verified indigenous New Zealand Māori or Pacific whakapapa/ancestry are eligible to apply. See pg. 26.
Optometry and Vision Science

Optometrists play a crucial role in primary healthcare, examining the population’s eyes, diagnosing vision problems, and providing treatment. The Bachelor of Optometry (BOptom) covers both clinical optometry and vision science and involves the study of the basic physical and life sciences as they relate to the visual system. You will also gain an extensive knowledge of optics, anatomy and physiology of vision, ocular pharmacology, pathology and therapeutics, as well as immunology.

Quick facts – BOptom

| Full-time: | 5 years |
| Points per degree: | 600 |
| Taught at: | Grafton Campus, with placements at external locations as required |
| Application closing date: | 1 October 2018 |
| Classes start: | 4 March 2019 |

In order to apply for the BOptom, you must have completed the required pre-requisite courses in Year I of the Bachelor of Science (Biomedical Science) at University of Auckland or the Health Sciences First Year Programme at Otago University. Alternatively, you must have completed a relevant degree in, for example, science, health sciences or biomedical science. Graduates with a non-science bachelors degree can also apply for admission and will be considered by the admissions committee.

Highlights

- This is New Zealand’s only BOptom degree and one of only six Australasian degrees accredited by the Optometry Council of Australia and New Zealand.
- You can develop communication, empathy and problem-solving skills, particularly in working with children, the elderly and the partially sighted.
- On graduation you can be accredited as a registered optometrist, able to diagnose and treat eye diseases in New Zealand and Australia.
- You can develop the clinical and business skills to own or manage your own business or work in the health sector.
- You have the opportunity to complete your Optometry degree with honours.

What you’ll be studying

In the first year you will be enrolled in the BSc (Biomedical Science) taking set courses on core cell biology, physiology and physics within that programme. Graduate entrants may be directed to include some or all of the Part I courses depending on their background.

In the second and third years (Parts II–III) you will:

- Take a mixture of courses in applicable life science and vision science and the basic optometric sciences, including Anatomy and Physiology of Vision, Mechanisms of Disease, Optics, and Visual Science
- Study General Optometric Practice and the various aspects of clinical optometry
- Take a course from the General Education schedule

In the fourth and fifth years (Parts IV–V) you will:

- Study Contact Lens Practice, Optometry for Special Populations, while continuing to learn about Visual Science and Diseases of the Eye and Visual System: Diagnosis and Management
- Take courses in Advanced Clinical Optometry and undertake a research project
- Gain practical experience of examining and treating patients in one of our public clinics and during external placements

How do you get in?

We welcome applications from:

- University of Auckland students who have completed Year 1 of the BSc (Biomedical Science)
- Graduates with prior tertiary study in related degrees

Special entry schemes

- Māori and Pacific Admission Scheme (MAPAS) – Students with verified indigenous New Zealand Māori or Pacific whakapapa/ancestry are eligible to apply. See pg. 26.
- Regional Rural Admission Scheme (RRAS) – Placements available for students of regional/rural origin to apply. See pg. 26.

A limited number of places on the programme are also available to international applicants who meet our entry requirements. We recommend you apply early and contact the faculty’s International Manager, who is available to discuss your application. See pg. 28.

Choose your career

The majority of optometrists enter private practice, which offers regular hours and the freedom to choose where to live and practise. Optometrists can also practise in hospitals and clinics, or work in industry and research.

Interested in further study?

The optometry profession needs practitioners with research skills and experience. The main postgraduate programmes are the Postgraduate Diploma in Science (PGDipSci), the Master of Science (MSc), the Master of Health Sciences (MHSc) and the Doctor of Philosophy (PhD). If you have been awarded an optometry degree with honours from the University of Auckland, the MSc and MHSc options can be completed in one year of full-time study.

More information

Student centre – pg. 30
Alternative entry – pg. 25
International students – pg. 28

www.auckland.ac.nz/boptom
Bianca Davidson
Student: Bachelor of Optometry

“I have always been interested in pursuing a health profession. I know what it’s like to have poor eyesight, and the difference an optometrist can make in someone’s life, so it was an appealing career choice for me.

“Optometry is an extremely rewarding and challenging career, combining a range of elements from anatomy and physiology to vision science and clinical skills.

“It has a great balance between science and patient interaction, so you get to develop close relationships with those in the community you care for. This strong clinical component which gives you the opportunity to apply all the theory and skills learned in lectures and teaching labs. We gain this valuable experience in the University Eye Clinic, hospitals and other external locations.

“We have smaller class sizes than many other degrees, which means the community is close and very supportive. Working in the clinics alongside your classmates is a highlight of the final years.

“We are taught by many leading researchers and practitioners, who provide us with invaluable skills and promote our critical thinking.

“I’m excited about my future career in optometry and I’m confident my time studying at the University of Auckland will set me on the right path.”
Pharmacy

Pharmacists support the health of people and communities through better medicines and usage. If you want to be a part of this varied and rewarding industry, study with us. The Bachelor of Pharmacy (BPharm) emphasises research, clinical experience and interaction with the public. This encourages the development of your independent and critical thinking, practical skills in analysis, problem-solving and information management.

**Quick facts – BPharm**

- **Full-time:** 4 years
- **Points per degree:** 480
- **Taught at:** Grafton Campus (mainly)
- **Application closing date:** 1 October 2018
- **Classes start:** 4 March 2019

To be considered for admission to the BPharm you must have completed relevant prior study, including courses in specific subjects. This can be completed as part of Year 1 of either the Bachelor of Health Sciences or several of the majors within the Bachelor of Science at the University of Auckland. There is also a pathway for transferring applicants and graduates of other programmes who have completed relevant study.

**Highlights**

- Benefit from a programme developed in consultation with leading pharmacists, reflecting contemporary and future pharmacy practice.
- Be part of a changing healthcare environment in which pharmacists are delivering new services in collaboration with other healthcare providers.
- Learn to develop effective relationships with members of interprofessional healthcare teams.

**What you’ll be studying**

In the first year (Part I) you will take eight courses, including:

- Biology for Biomedical Science: Cellular Processes and Development (BIOSCI 107)
- Chemistry of the Living World (CHEM 110)
- Biology for Biomedical Science: Organ Systems (MEDSCI 142)
- Population Health (POPLHLTH 111)
- A General Education course

There are several programmes that allow you to take this combination, including those that prepare students for entry to Medicine.

In subsequent years (Parts II–IV) you will:

- Build your knowledge of biomedical, pharmaceutical and health sciences
- Produce a final-year dissertation, consolidating your research skills
- Undertake practice placements in appropriate clinical settings

**How do you get in?**

We welcome applications from:

- University of Auckland students who have completed Year 1 of the BHSc or the BSc (various majors including Biomedical Science, Medicinal Chemistry, Food Science and Nutrition, and Pharmacology).

Students with a degree or postgraduate diploma are also welcome to apply.

**Special entry schemes**

- Mature students with degrees or those who have completed the core first year (or its equivalent) may apply under our alternative admission scheme. See pg. 25.
- Māori and Pacific Admission Scheme (MAPAS) – Students with verified indigenous New Zealand Māori or Pacific whakapapa/ancestry are eligible to apply. See pg. 26.
- Regional Rural Admission Scheme (RRAS) – Placements available for students of regional/rural origin to apply. See pg. 26.
- A limited number of places on the programme are also available to international applicants who meet our entry requirements. We recommend you apply early and contact the faculty’s International Manager, who is available to discuss your application. See pg. 28.

**Choose your career**

You can work in a range of industries related to the manufacture, prescription and provision of medicines, or choose related industries such as medical publishing or pharmaceutical marketing. Potential roles (or career roles) include community pharmacist, health sector manager, hospital pharmacist, pharmaceutical researcher, pharmaceutical writer and prescribing adviser.

**More information**

Student centre – pg. 30
Alternative entry – pg. 25
International students – pg. 28
www.auckland.ac.nz/bpharm
Paula Donamae Dela Cruz
Student: Bachelor of Pharmacy

“I decided to pursue Pharmacy because I had an interest in science, especially human biology and chemistry. Also, I am passionate about caring for others so I wanted to be in a career with a strong focus on improving people’s wellbeing and optimising their quality of life.

“The Bachelor of Pharmacy has recently changed its curriculum. The new spiral learning programme allows relevant first principles from chemistry, pharmacology, physiology and pharmaceutics to be integrated in understanding and managing health conditions.

“Also, the regular external placements and simulated case workshops allow students to consistently apply theoretical learning into patient-centred practice.

“I particularly enjoy the critical thinking involved in solving the case issues presented.

“Whilst in University I have had the privilege of being a class representative. This allowed me to work closely with the APSA executives and School of Pharmacy staff as I advocated for my class. Outside the programme I am part of the University’s ultimate frisbee team. This is a great extracurricular activity I have recently been involved with. The sport and team is my comfort zone and stress reliever.”
Cherry Sun
Student: Bachelor of Science (Biomedical Science)

“Throughout high school, I leaned towards biology and chemistry-based areas. I wanted to undertake study in an area that allowed me to experience first-hand the advances being made in scientific and medical research from a leading university in these fields.

“The Biomedical Science programme at the Faculty of Medical and Health Sciences certainly provides that. Biomedical Science is a well-structured degree, and there is a wealth of choice in terms of the direction in which you wish to take your degree.

“I feel that I am perpetually challenged and inspired by the material, which is never static and provides me with the skills to move into further study.

“Throughout my undergraduate degree, I have been fortunate enough to encounter some lecturers and tutors that significantly impacted me and my desire to further my studies in Biomedical Science.

“It is certainly comforting to genuinely feel that the staff care and are committed to optimising our learning experience.”
Biomedical Science

If scientific fields like genomics, microbiology or neuroscience spark your interest, take a closer look at Biomedical Science. You can work towards an exciting career that creates improvements in human and animal health. The Biomedical Science major aims to equip able students for academic careers and a wide range of employment opportunities supporting science in industry and the health sector. Students are encouraged to pursue postgraduate studies in Biomedical Science upon completion of their BSc.

Quick facts – BSc, Biomedical Science major

Full-time: 3 years
Taught at: City and Grafton Campuses
Points per degree: 360
Application closing date: 8 December 2018
Classes start: 4 March 2019

Highlights

• Gain the skills and the knowledge to work within some of the world’s most rapidly advancing scientific fields.
• Year 1 of the BSc (Biomedical Science) provides an entry pathway into other clinical programmes – Medical Imaging (Honours), Nursing, Pharmacy, and Optometry and Vision Science.
• The BSc (Biomedical Science) is one of only two programmes from which students can be selected into the medical programme (MBChB) at the end of year 1.

Research strengths

A BSc (Biomedical Science) allows subspecialisation in these and other research areas, which reflect where the University of Auckland has particular research strengths:
• Cancer biology and therapeutics
• Cardiovascular biology
• Cellular and molecular biomedicine
• Genetics and development
• Microbiology and immunology
• Neurobiology
• Nutrition
• Reproduction, growth and metabolism

BSc (Biomedical Science major) first-year courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Semester</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOSCI101</td>
<td>Essential Biology: From Genomes to Organisms</td>
<td>One</td>
<td>15</td>
</tr>
<tr>
<td>BIOSCI107</td>
<td>Biology for Biomedical Science: Cellular Processes and Development</td>
<td>One</td>
<td>15</td>
</tr>
<tr>
<td>CHEM 110</td>
<td>Chemistry of the Living World</td>
<td>One</td>
<td>15</td>
</tr>
<tr>
<td>Elective Course*</td>
<td></td>
<td>One</td>
<td>15</td>
</tr>
<tr>
<td>MEDSCI142</td>
<td>Biology for Biomedical Science: Organ Systems</td>
<td>Two</td>
<td>15</td>
</tr>
<tr>
<td>BIOSCI106</td>
<td>Foundations of Biochemistry</td>
<td>Two</td>
<td>15</td>
</tr>
<tr>
<td>PHYSICS 160</td>
<td>Physics for the Life Sciences</td>
<td>Two</td>
<td>15</td>
</tr>
<tr>
<td>General Education course</td>
<td></td>
<td>Two</td>
<td>15</td>
</tr>
</tbody>
</table>

*Note: Students wishing to apply for entry to Medicine, Medical Imaging (Honours) or Pharmacy must take the following course as their approved elective course: POPLHLTH 111 (Semester One, 15 points).

How do you get in?

We welcome applications from:
• School-leavers, with NCEA, CIE or IB qualifications, who have achieved the New Zealand University Entrance (UE) standard and meet the requirements for guaranteed entry to the programme
• Students with prior tertiary study at a New Zealand or overseas institution
• School-leavers who have studied at an overseas secondary school
• School-leavers from Year 12 who meet the conditions for Discretionary Entrance
• Home-school students who have achieved the New Zealand University Entrance (UE) standard

Interested in further study?

Options for continuing your studies at a postgraduate level include a Bachelor of Biomedical Science (Honours) or postgraduate diplomas in either Biomedical Science or Health Sciences. These can be followed by masters or doctoral-level study.

More information

Student centre – pg. 30
Faculty of Science Student Centre
Email: scifac@auckland.ac.nz
www.auckland.ac.nz/bsc
Conjoint programmes

Conjoint programmes allow students to pursue two undergraduate bachelor’s degrees at the same time. The Faculty of Medical and Health Sciences offers many conjoint combinations with our Health Sciences and Nursing programmes, allowing students to focus their studies across two specific disciplines and gain greater breadth and depth in their academic knowledge. This in turn leads to greater career opportunities in the future. Prospective employers value the diversity and versatility of conjoint degree qualifications.

For students starting their tertiary studies, most combinations can be completed within four or five years of full-time study, rather than six to eight years if you were to complete each degree separately. If you have already started your university studies, you may still have the opportunity to begin a conjoint programme.

**Bachelor of Health Sciences with Bachelor of Arts (BA/BHSc)**

The wide selection of majors within the Bachelor of Arts, combined with the public health and population health focus of the BHSc, means this conjoint offers the widest choice. Please note that from 2018 all BA students will be required to take a double major. The popular BA majors under this conjoint are Psychology, Politics and International Relations, Māori Studies, Pacific Studies, and Anthropology. They are often taken by students who are looking to work in areas such as health promotion, healthcare ethics, mental health, health education, health policy and academic research. (540-point programme – 4 to 4.5 years)

**Bachelor of Health Sciences with Bachelor of Commerce (BCom/BHSc)**

A conjoint with a Bachelor of Commerce provides students with more than 10 majors to choose from. Most commonly chosen are Economics, Finance, Accounting, Management and Information Systems. The BCom majors allow students to develop a thorough understanding of the key facets of our financial world. When combined with the core content of the BHSc, the BCom component of the conjoint is attractive to potential employers. Careers in health leadership and management, health accounting and finance, health policy, information management, health informatics and health innovation are the primary focus for graduates. (540-point programme – 4 to 4.5 years)

**Bachelor of Health Sciences with Bachelor of Global Studies (BHSc/BGlobalSt)**

A conjoint with a Bachelor of Global Studies will expose students to new ways of thinking about the world, and help to shape students to be informed citizens who can make a difference in an increasingly globalised world. Students will gain competency in another language, and develop skills for employment, such as leadership, teamwork, public speaking, critical thinking, research, and intercultural communication. There are four majors in the BGlobalSt component of this conjoint: Global Environment and Sustainable Development, Global Politics and Human Rights, International Relations and Business, and Transnational Cultures and Creative Practice. These lead to a wide range of opportunities in the areas of politics and government, international development, foreign affairs, mental health, managed care, biostatistics, information technology, healthcare programme design and evaluation, and academic research. (540-point programme – 4 to 4.5 years)

**Bachelor of Health Sciences with Bachelor of Laws (BHSc/LLB)**

Nearly every part of the health sector has a legal aspect. While the LLB degree gives graduates a broad knowledge of the law and its implications, social appreciation and public responsibility, the BHSc/LLB gives a deeper knowledge of both law and health. BHSc/LLB graduate career opportunities include health law, insurance, health management and leadership, health IT development, healthcare ethics and health policy. (675-point programme – 4 to 5.5 years)

**Bachelor of Health Sciences with Bachelor of Laws (Honours) (BHSc/LLB(Hons))**

The BHSc/LLB(Hons) gives students a further year of Law studies at Honours level, including the opportunity to explore the relationship between medicine and law, where they can deepen their knowledge and undertake original research. (735-point programme – 6 years)

**Bachelor of Health Sciences with Bachelor of Nursing (BHSc/BNurs)**

Knowledge of both clinical and non-clinical aspects of the health sector are combined in this conjoint. Often taken by students who wish to aim for higher-level management positions in a clinical environment, the BHSc/BNurs also gives opportunities in areas such as managed care, community health, mental health, healthcare programme design, health promotion and health education. (570-point programme – 4.5 years)

**Bachelor of Health Sciences with Bachelor of Science (BHSc/BSc)**

A conjoint with a Bachelor of Science offers students the opportunity to explore synergies between science and health sciences. Students can choose from more than 20 majors in the BSc component of this conjoint. Most common of these are Geography, Psychology, Statistics, Computer Science and Environmental Science. These lead to a wide range of opportunities in the areas of mental health, managed care, biostatistics, information technology, healthcare programme design and evaluation, and academic research. (540-point programme – 4 to 4.5 years)

**Bachelor of Nursing with Bachelor of Science (BNurs/BSc)**

The Nursing conjoint with Science also allows students to develop, alongside a practical nursing context, a deeper understanding of the core underpinnings of the traditional scientific disciplines. The most common majors taken under the Bachelor of Science in this conjoint are Psychology, Physiology and Biomedical Science. These lead into careers in areas such as mental health, managed care and health programme design. (570-point programme – 4.5 years)

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For more information about conjoint programmes visit [www.conjoints.ac.nz](http://www.conjoints.ac.nz)

*Subject to CUAP approval*

**You cannot choose Biomedical Science or Medicinal Chemistry as a major under any BSc conjoint.**
It’s time to apply

So, you’ve made your decision on what you want to study, and now it’s time to apply. What do you need to do? It’s a two-step process to apply for and enrol in your chosen programme.

First you need to apply

Complete the admission form online. If you haven’t already, you’ll be asked to sign up for a new account. It’s easy, and you’ll soon be underway in making your application. Make sure you indicate if you wish to be considered through one of the alternative entry schemes and that you respond to any requests for additional information from the faculty.

www.auckland.ac.nz/applynow

Note: Late applications for Nursing, Health Sciences and Bachelor of Science (Biomedical Science) will be considered if places are available. However, priority may be given to applications received on or before the closing date. MAPAS applicants will also need to submit a Supplementary Information Form (MH04).

Next you will receive an acknowledgement email asking you to provide supporting documents (and in some cases to complete other requirements*) before your application can be assessed. You can apply for more than one programme.

We’ll be assessing your application, and you can check your application status online at any time. Be patient though. Documents can take 3–4 weeks to process during peak admission periods. Some of your documents might take longer to process than others, despite being sent in at the same time.

Your final offer of a place depends on two things: your admission to the University (which for school leavers may depend on your final school results) and your assessment by the relevant faculty.

All applications received by the closing date will be considered when 2018 academic results are available.

If your application is successful, we’ll email you an offer – normally from mid-January.**

*For some programmes, you may be required to submit supplementary information (eg, referee reports or an online form) or to attend an interview.

**If you are not offered a place in the programme(s) of your choice, you will receive an email outlining alternative options.

Interview dates

www.fmhs.auckland.ac.nz/ug-important-dates

Next you need to enrol

Once you’ve accepted an offer of place in a programme, you can enrol in courses.

Online tutorial

If you need some help with the enrolment process, a step-by-step guide is available.

www.auckland.ac.nz/enrolment

Subjects and courses

To find out more about our subjects and courses, either come in and visit the FMHS Student Centre or check online.

www.fmhs.auckland.ac.nz/programmes

Courses and Careers Open Day

Also check out Courses and Careers Open Day on 25 August 2018.

www.openday.ac.nz

Fees

Next you need to make sure you pay your fees!

www.auckland.ac.nz/fees

Stuck?

To contact us during business hours:

Phone: 0800 61 62 63
Email: studentinfo@auckland.ac.nz
or for 24/7 help:

www.auckland.ac.nz/askauckland

General information

See our website.

www.auckland.ac.nz/applynow
How do you get in?

Admission from New Zealand secondary school qualifications

All applicants must meet the University Entrance standard and the entry requirements for the programme they wish to pursue. For more detailed information and other entry pathways: www.auckland.ac.nz/entry-requirements

Guaranteed entry scores

The table below shows the rank scores required to guarantee entry to the Faculty of Medical and Health Sciences in 2019 for school-leavers who are New Zealand or Australian citizens or permanent residents. For some programmes, applicants with scores below these will still be considered, provided places are available. NCEA, CIE (taken in New Zealand) and IB each have different scales and scores.

International requirements

See pg. 28 for information.

This table indicates the rank score that will gain you admission to your programme subject to meeting any specified requirements.

### 2019 Faculty of Medical and Health Sciences undergraduate guaranteed entry scores for school leavers who are citizens or permanent residents of New Zealand or Australia

<table>
<thead>
<tr>
<th>Programme</th>
<th>NCEA Level 3</th>
<th>CIE</th>
<th>IB</th>
<th>Special entry</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Health Sciences (BHSc)</td>
<td>350 with a minimum of 18 credits in one subject from Table A and a minimum of 18 credits in one subject from Table B</td>
<td>300 with one subject from Table A and one full A Level subject from Table B</td>
<td>33</td>
<td>MAPAS International</td>
</tr>
<tr>
<td>Bachelor of Medical Imaging (Honours) (BMedImag(Hons))</td>
<td>Not available to school-leavers. See “Alternative admission schemes” on page opposite.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bachelor of Medicine and Bachelor of Surgery (MBChB)</td>
<td>Not available to school-leavers. You must first complete Year 1 of either the BHSc or the BSic (Biomedical Science), or have completed another degree approved by the Faculty of Medical and Health Sciences. See “Alternative admission schemes” on page opposite.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bachelor of Nursing (BNurs)</td>
<td>230 with a minimum of 18 credits in one subject from Table A and a minimum of 18 credits from one of Biology, Chemistry or Physics</td>
<td>280 with one subject from Table A and one of Biology, Chemistry or Physics at full A Level</td>
<td>31</td>
<td>MAPAS International</td>
</tr>
<tr>
<td>Bachelor of Optometry (BOptom)</td>
<td>Not available to school-leavers. See “Alternative admission schemes” on page opposite.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bachelor of Science (BSic) in Biomedical Science</td>
<td>280</td>
<td>310</td>
<td>33</td>
<td>MAPAS International</td>
</tr>
</tbody>
</table>

### Conjoint programmes

<table>
<thead>
<tr>
<th>Programme</th>
<th>NCEA Level 3</th>
<th>CIE</th>
<th>IB</th>
<th>Special entry</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Arts/ Bachelor of Health Sciences (BA/BHSc)</td>
<td>350 with a minimum of 18 credits in one subject from Table A and a minimum of 18 credits in one subject from Table B</td>
<td>300 with one subject from Table A and one full A Level subject from Table B</td>
<td>33</td>
<td>MAPAS International</td>
</tr>
<tr>
<td>Bachelor of Commerce/Bachelor of Health Sciences (BCom/BHSc)</td>
<td>350 with a minimum of 18 credits in one subject from Table A and a minimum of 18 credits in one subject from Table B and a minimum of 18 credits in another subject from either Table A or Table B</td>
<td>300 with one subject from Table A and one subject from Table B and an additional full A Level subject from Table A or B</td>
<td>33</td>
<td>MAPAS International</td>
</tr>
<tr>
<td>Bachelor of Health Sciences/ Bachelor of Global Studies (BHSc/ BGlobalSt)*</td>
<td>350 with a minimum of 18 credits in one subject from Table A and a minimum of 18 credits in one subject from Table B</td>
<td>300 with one subject from Table A and one full A Level subject from Table B</td>
<td>33</td>
<td>MAPAS International</td>
</tr>
<tr>
<td>Bachelor of Health Sciences/ Bachelor of Laws (BHSc/LLB)</td>
<td>350 with a minimum of 18 credits in one subject from Table A and a minimum of 18 credits in one subject from Table B</td>
<td>300 with one subject from Table A and one full A Level subject from Table B</td>
<td>33</td>
<td>MAPAS International</td>
</tr>
<tr>
<td>Bachelor of Health Sciences/ Bachelor of Nursing (BHSc/BNurs)</td>
<td>350 with a minimum of 18 credits in one subject from Table A and a minimum of 18 credits in one of Biology, Chemistry or Physics</td>
<td>300 with one subject from Table A and one full A level subject from Biology, Chemistry or Physics</td>
<td>33</td>
<td>MAPAS International</td>
</tr>
<tr>
<td>Bachelor of Nursing/Bachelor of Science (BNurs/BSc)</td>
<td>230 with a minimum of 18 credits in one subject from Table A and a minimum of 18 credits from one of Biology, Chemistry or Physics</td>
<td>280 with one subject from Table A and one of Biology, Chemistry or Physics at full A Level</td>
<td>31</td>
<td>MAPAS International</td>
</tr>
</tbody>
</table>

*Subject to CUAP approval.

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*There are 12 Level 3 achievement standards in this domain, numbered 91652 – 91662
**Cannot be used in combination with Calculus and/or Statistics
### Alternative entry schemes

The table below shows the entry requirements for non-school-leavers, who are New Zealand or Australian citizens or permanent residents, seeking admission into the Faculty of Medical and Health Sciences undergraduate programmes.

<table>
<thead>
<tr>
<th>Programme</th>
<th>Alternative entry scheme</th>
<th>Additional requirements</th>
<th>Special entry</th>
</tr>
</thead>
<tbody>
<tr>
<td>Certificate in Health Sciences (CertHSc)</td>
<td>Students are selected on the basis of their academic merit. Applicants may be considered</td>
<td>Applicants must have Māori whakapapa or Pacific ancestry. Applicants must be New Zealand</td>
<td>MAPAS</td>
</tr>
<tr>
<td></td>
<td>under Special Admission (20 years and older, and subject to approval).</td>
<td>citizens or permanent residents. Applicants must apply under the MAPAS category. Submission of Supplementary Information Form (MH04).</td>
<td></td>
</tr>
<tr>
<td>Bachelor of Health Sciences (BHSc)</td>
<td>Students are selected on the basis of their academic merit. Mature students and those with</td>
<td>Submission of Supplementary Information Form (MH04) for MAPAS applicants only.</td>
<td>MAPAS</td>
</tr>
<tr>
<td></td>
<td>full/partial degrees may apply under the faculty’s alternative admission scheme.</td>
<td></td>
<td>International</td>
</tr>
<tr>
<td>Bachelor of Medical Imaging (Honours) (BMedimag(Hons))</td>
<td>First Year Entry: First year of BSc (Biomedical Science) with a minimum B average or</td>
<td>Interview. All applicants are required to provide supporting statements as part of the</td>
<td>MAPAS</td>
</tr>
<tr>
<td></td>
<td>equivalent study at another NZ university as approved by the faculty. Graduate Entry:</td>
<td>online application process. Submission of Supplementary Information Form (MH04) for</td>
<td>International</td>
</tr>
<tr>
<td></td>
<td>relevant degree from any NZ university with a minimum B average or equivalent study at a</td>
<td>MAPAS applicants only.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>recognised overseas tertiary institution.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bachelor of Medicine and Bachelor of Surgery (MBChB)</td>
<td>First Year Entry: A minimum of a B+ average* across 8 prescribed courses in BHSc or BSc</td>
<td>UMAT. Interview. All applicants are required to provide supporting statements as part of</td>
<td>MAPAS</td>
</tr>
<tr>
<td></td>
<td>(Biomedical Science). Graduate Entry: At least B+ average across a degree or postgraduate</td>
<td>the online application process. Submission of Supplementary Information Form (MH04) for</td>
<td>Regional Rural</td>
</tr>
<tr>
<td></td>
<td>diploma from any NZ university completed on a full-time basis within the past five years.</td>
<td>MAPAS applicants only.</td>
<td>(RRAS)</td>
</tr>
<tr>
<td>Bachelor of Nursing (BNurs)</td>
<td>Applicants should be able to provide evidence of success in academic study at tertiary</td>
<td>Interview may be required for alternative admission candidates. Submission of</td>
<td>MAPAS</td>
</tr>
<tr>
<td></td>
<td>level.</td>
<td>Supplementary Information Form (MH04) for MAPAS applicants only.</td>
<td>International</td>
</tr>
<tr>
<td>Bachelor of Optometry (BOptom)</td>
<td>First Year Entry: First year of BSc (Biomedical Science) with a minimum B+ average or</td>
<td>Interview. All applicants are required to provide supporting statements as part of the</td>
<td>MAPAS</td>
</tr>
<tr>
<td></td>
<td>equivalent study at another NZ university as approved by the faculty. Graduate Entry:</td>
<td>online application process. Submission of Supplementary Information Form (MH04) for</td>
<td>Regional Rural</td>
</tr>
<tr>
<td></td>
<td>relevant degree from any NZ university with a minimum B+ average or equivalent study at a</td>
<td>MAPAS applicants only.</td>
<td>(RRAS)</td>
</tr>
<tr>
<td></td>
<td>recognised overseas tertiary institution.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bachelor of Pharmacy (BPharm)</td>
<td>First Year Entry: B average across 8 courses including BIOSCI 107, CHEM 110, POPLHLTH</td>
<td>Interview. All applicants are required to provide supporting statements as part of the</td>
<td>MAPAS</td>
</tr>
<tr>
<td></td>
<td>111, MEDSCI 142 and a General Education course in a programme of study.** This may be</td>
<td>online application process. Submission of Supplementary Information Form (MH04) for</td>
<td>Regional Rural</td>
</tr>
<tr>
<td></td>
<td>achieved through first year of BSc (various majors including Biomedical Science) or BHSc.</td>
<td>MAPAS applicants only.</td>
<td>(RRAS)</td>
</tr>
<tr>
<td></td>
<td>Alternative Admission Entry: equivalent study with B average at a NZ university or</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>recognised overseas university as approved by the faculty.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bachelor of Science (BSc) majoring in Biomedical Science</td>
<td>Visit: <a href="http://www.science.auckland.ac.nz/biomedical-science">www.science.auckland.ac.nz/biomedical-science</a></td>
<td>None</td>
<td>Māori/Pacific</td>
</tr>
<tr>
<td></td>
<td>Phone: +64 9 923 7000</td>
<td></td>
<td>International</td>
</tr>
<tr>
<td></td>
<td>Email: <a href="mailto:sciFac@auckland.ac.nz">sciFac@auckland.ac.nz</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Conjoint Programmes</td>
<td>Candidates must have completed or partially completed a degree. Conjoint with Health</td>
<td>Submission of Supplementary Information Form (MH04) for MAPAS applicants only. Interview</td>
<td>MAPAS</td>
</tr>
<tr>
<td></td>
<td>Sciences require a minimum B average. Conjoint with Nursing require a minimum B-</td>
<td>for alternative admission candidates for BNurs conjoint programmes may be required.</td>
<td>International</td>
</tr>
</tbody>
</table>

**Notes:**

- UMAT – key dates can be obtained from the UMAT website: https://umat.acer.edu.au
- RRAS – students wishing to apply under the Regional Rural Entry category must provide evidence of their regional/rural origin as specified on: www.fmhs.auckland.ac.nz/rras

*Eligibility for an interview for MBChB (Medicine and Surgery) is based on the average grade achieved in university study (either in year 1 or as a graduate). Approximately twice as many applicants are invited for interview as there are places available. The average grade required to be eligible for an interview varies from year to year; it generally exceeds a B+ average.*

**Students who do not meet all of the requirements for entry to the BPharm but are interested in applying should contact fmhs@auckland.ac.nz for advice.**
How do you get in?

**Vision 20:20**

Vision 20:20 is a Faculty of Medical and Health Sciences initiative dedicated to increasing the number of Māori and Pacific health professionals to 10% of the health workforce by the year 2020. Vision 20:20 has three components and is coordinated by Te Kupenga Hauora Māori:

- Māori and Pacific Admission Scheme
- Hikitia te Ora – Certificate in Health Sciences (pg. 9)
- Whakapiki Ake Project

**Māori and Pacific Admission Scheme (MAPAS)**

The Māori and Pacific Admission Scheme (MAPAS) is available to students with indigenous Māori or Pacific whakapapa/ancestry. It is a supportive environment that provides admission, academic and pastoral support for Māori and Pacific students who are studying foundation and undergraduate programmes within the Faculty of Medical and Health Sciences. Our goal is to support the transitioning and retention of MAPAS students through their cultural and educational journey to successfully complete and graduate.*

You are eligible for MAPAS if you:

- Have verified indigenous New Zealand Māori or Pacific whakapapa/ancestry and are a citizen or permanent resident of New Zealand
- Have applied for entry into an FMHS programme

*Does not apply to Postgraduate studies

**Regional Rural Admission Scheme (RRAS)**

This scheme offers places in undergraduate programmes in Medicine, Optometry and Pharmacy to students of regional or rural origin in order to ensure equitable access. Workforce shortages in these professions are apparent in regional and rural New Zealand. Evidence shows that students identifying with regional or rural backgrounds are more likely to work outside urban areas.

Criteria:

- Have undertaken their pre-secondary education in a regional or rural area
- Have spent at least three years at a secondary school that is located in a regional or rural area

A regional or rural area is defined as any part of New Zealand that does not fall within the local authority boundaries of the Auckland Council, Hamilton City Council, Tauranga City Council, Wellington City Council, Porirua City Council, Hutt City Council, Upper Hutt City Council, Christchurch City Council or Dunedin City Council in the year of application.

www.fmhs.auckland.ac.nz/rras

**Requirements for all degree programmes**

You must submit the Supplementary Information Form (MH04) if you are a MAPAS applicant. The MH04 form has to be submitted by the closing date. (See pg. 35.)

The form is available at:

www.fmhs.auckland.ac.nz/mapasforms

Submission of this form does not constitute a formal application. For Pacific applicants, “Pacific” includes Samoa, American Samoa, Tonga, Cook Islands, Niue, Tokelau, Fiji, Rotuma, Solomon Islands, Vanuatu, New Caledonia, Papua New Guinea, Kiribati, Tuvalu, Palau, Marshall Islands, Federated States of Micronesia, Wallis and Futuna, Hawaii, French Polynesia and Rapanui (Easter Island).

More information

Phone: +64 9 923 5005 or 0800 20 20 99
Email: mapas@auckland.ac.nz

www.fmhs.auckland.ac.nz/mapas

**Whakapiki Ake Project**

The Whakapiki Ake Project (WAP) is a recruitment programme that actively engages with rangatahi Māori enrolled in secondary schools to promote health as a career and entry into the Certificate in Health Sciences programme as a pathway into other faculty programmes. WAP offers exposure to career options, enrolment assistance and financial support with course fees for successful applications. Mature students may also apply.

www.fmhs.auckland.ac.nz/vision2020
Targeted Admissions

The University and the faculty provide equal opportunities and an inclusive environment for students with disabilities and students from refugee and/or low socio-economic backgrounds. If you are a disabled student and are interested in applying for a faculty programme, or you acquire an impairment during the period of your study, you may need specific counselling to explore the feasibility of participating in your programme of choice. You and your academic advisers and counsellors will share responsibility for negotiating and developing solutions. Programme directors and faculty staff will consider each application on a case-by-case basis.

www.auckland.ac.nz/utas

What if you don’t get the guaranteed score?

Applicants who achieve University Entrance standard, but do not meet the rank scores shown in the guaranteed-entry table (on pg. 24), will be considered on a case-by-case basis.

Selection will take into account any of the following factors according to the programme you are applying for:

- Your performance in any relevant subjects
- Eligibility for an alternative admissions scheme
- Results of an interview.

If you are successful in gaining a place, you may have conditions placed on your enrolment.

Other entry information

Minimum age

Usually you must be aged 16 or over by 31 December in the year prior to seeking admission to the University of Auckland. School students aged under 16, with outstanding academic achievement and demonstrated maturity to succeed in a university environment, can still apply. You will need to contact us first to discuss your application. You will also be required to provide supporting documentation with your application, including your academic history and a confidential reference from your school principal.

Prior tertiary study

To transfer from a New Zealand or overseas tertiary institution, you must meet admission, programme, and undergraduate English language requirements. If you have started or completed tertiary study outside New Zealand, and want to pursue an undergraduate level qualification, your overseas qualification(s) must be approved for University admission. You can apply for transfer of credit for tertiary courses completed elsewhere as part of your Application for Admission.

For more information:

Phone: 0800 61 62 63
Email: studentinfo@auckland.ac.nz

www.auckland.ac.nz/entry-requirements

General Education

Courses in General Education are a distinctive feature of almost all University of Auckland bachelors degrees, including degrees in the Faculty of Medical and Health Sciences.

The General Education programme has been designed to enable students to pursue their interests in fields related to, but outside the subjects of, their degree or in other fields altogether.

Specific details on General Education courses approved for your degree will be provided in the enrolment guidance sent to all successful applicants.

www.auckland.ac.nz/generaleducation

Academic integrity requirement

All students admitted for the first time to a programme at the University are required to take an online academic integrity course.

www.academicintegrity.auckland.ac.nz

Academic English Language Requirement (AELR)

The University has introduced an Academic English Language Requirement (AELR) into all its undergraduate programmes. The AELR ensures that you have sufficient competence in academic English to support your study at University. The AELR will not affect whether you are offered a place on a programme, and may be met through your entry qualification or through satisfactory completion of an approved course in your first year of study.

Applicants who have not met the AELR through their entrance qualification will be provided with advice at the time of enrolment.

www.auckland.ac.nz/aelr
International opportunities

We welcome a diverse range of international students into the Faculty of Medical and Health Sciences at undergraduate level. We offer an inviting and stimulating environment with teaching in a range of programmes.

How do you get in?

We welcome applications from international students pursuing a wide range of New Zealand and international qualifications.

Entry requirements are based on your prior study. If you are applying for admission based on qualifications from an overseas secondary school or tertiary institution, you must meet admission, programme and undergraduate English language requirements.

Some programmes require you to have taken specific subjects or to have met other requirements. The minimum acceptable equivalents of the New Zealand University Entrance standard, which you must meet for admission to the University, are published on our website. You will also find a GPE calculator on each of our programme pages. They are a guide only, and you may need to obtain higher grades than those listed to guarantee entry to your chosen programme.

How to apply

Before you apply, check the entry and English-language requirements on the programme pages on the website, as well as the application closing date for your programme.

When you are ready to start your online application for admission, go to:
www.auckland.ac.nz/international-apply

We recommend you apply as early as you can. You will receive an acknowledgement email listing the supporting documents we require, and a Student ID number. You can then check your application status online and see what supporting documents you will need to provide. We will assess your application and inform you of the outcome by email.

Exchange and study abroad

There are opportunities for domestic students to have an international experience during their degree.

As New Zealand’s largest university and leading research institution, the University of Auckland is a member of three international networks: Association of Pacific Rim Universities (APRU), Universitas 21 and Worldwide Universities Network (WUN). These network partnerships allow FMHS students access to conferences and workshops. This, together with Study Abroad (on exchange for a single semester or up to one year through 360 International), provides all students studying in the Faculty of Medical and Health Sciences the opportunity for a truly international learning experience. For information on international applications please contact the FMHS Student Centre.
“I have always been interested in the medical field and wanted to have a direct and personal effect on the care of patients. The Nursing programme of the University of Auckland has prestige all around the country, so I chose to study here. I’m finding it really engaging. My first year at university has been filled with interesting learning experiences. For example, we are provided with nursing clinical sessions that prepare us for placements in hospitals.

“Like many other students, I love to gain practical experience from a professional environment so I am really excited about this clinical placement, which starts at the end of the first year.

“In the first week of university, I attended some workshops relating to writing and reading, which I found very helpful during my first year.

“I feel very pleased with the educational and recreational facilities that the University provides. Students have many options to choose from and they will always have their needs met. The lecturers and tutors are very approachable and willing to help the students. With the variety of activities and clubs, I find meeting people and making friends so simple.”
Our faculty

Campuses
The Faculty of Medical and Health Sciences is spread across two of the University’s satellite campuses – Grafton and Tāmaki.

Grafton Campus
Grafton Campus is situated in the central city suburb of Grafton, adjacent to the Auckland Domain and opposite the Auckland Hospital. A 15-minute walk from Grafton brings students to the University’s City Campus where a number of undergraduate lectures take place.
Grafton Campus is the base for students in the Medical Imaging, Medicine, Nursing, Optometry and Pharmacy programmes. The faculty shares a close relationship with New Zealand’s finest specialist hospitals through strategic alliances with major district health boards. These provide students with unparalleled access to environments of clinical excellence.
www.fmhs.auckland.ac.nz/grafton

Tāmaki Innovation Campus
Tāmaki Innovation Campus is home to the faculty’s purpose-built School of Population Health, which offers innovative research and teaching in population and community health. Unique to New Zealand, the School is setting new regional and international standards.
Students in the Bachelor of Health Sciences complete the majority of their degree at Tāmaki Innovation Campus.
www.fmhs.auckland.ac.nz/tamaki

Library and Information Commons
The Philson Library on the Grafton Campus is the University of Auckland’s Medical and Health Sciences Library, housing the main print collections in this area. The Library has invested heavily in electronic resources, and the Library website provides internet access to a range of electronic databases, e-journals and e-books. Subject librarians are available to help students access the information they require for study and research. Facilities include computers, printing and photocopying.
The Grafton Information Commons offers students access to over 100 computers as well as providing access to 42 computers and 30 borrowable laptops. In addition there are scanners, photocopiers, printers, a helpdesk service and study seats.
www.library.auckland.ac.nz

Philson Library (at Grafton Campus)
www.library.auckland.ac.nz/about/philson

Tāmaki Library (at Tāmaki Innovation Campus)
www.library.auckland.ac.nz/about/tamaki

FMHS Student Centre
The Faculty of Medical and Health Sciences has its own Student Centre dedicated to addressing your needs.
Staff can assist in a broad range of areas, including admissions, enrolments, scholarships, examinations, graduation, personal welfare, and accessing University-wide services. Confidential advice and assistance is also available.
We offer information on careers and employment, disability services, students’ associations, student health services and childcare.

Visit us at:
Grafton Campus
Ground floor, Building 503
85 Park Road, Grafton
Open: Monday to Friday 8.30am–4.30pm
Phone: +64 9 923 4888
Email: fmhs@auckland.ac.nz
Private Bag 92019, Auckland 1142, New Zealand

Faculty Information
General
Email: fmhs@auckland.ac.nz
Phone: +64 9 923 4888
Fax: +64 9 308 2380

Special Entry enquiries
Māori and Pacific Admission Scheme (MAPAS)
Email: mapas@auckland.ac.nz

Certificate in Health Sciences (CertHSc)
Email: certificate@auckland.ac.nz

Scholarship opportunities
www.auckland.ac.nz/scholarships

Accommodation
www.accommodation.auckland.ac.nz

Privacy: The University of Auckland undertakes to collect, store, use and disclose your information in accordance with the provisions of the Privacy Act 1993.
Further details of how the University handles your information are set out in a brochure available by phoning 0800 61 62 63.
We’re Achieving the Amazing. Join us.

• We are ranked top University in New Zealand, and the only university ranked in the top 100 in the QS World University Rankings.

• In the QS World University Rankings by subject for 2017, we ranked 34th worldwide for Anatomy and Physiology and in the top 100 for Life Sciences and Medicine, Nursing, Pharmacy and Pharmacology and Medicine.

• Our Centre for Brain Research is one of the largest neuroscience research facilities in the Southern Hemisphere.

• We offer some of the world’s most up-to-date research and laboratory facilities.

• The Auckland Cancer Society Research Centre is one of the world’s leading anti-cancer drug development laboratories, and has filed more than 100 patent applications for anti-cancer drugs.

• We have a strong relationship with the Auckland District Health Board through the Auckland Academic Health Alliance.

• We are the highest ranked New Zealand University in the Times Higher Education World University Rankings.

• The University of Auckland has been ranked as the most innovative university in New Zealand and Australia in the inaugural Reuters Top 75: Asia’s Most Innovative Universities rankings. We were placed 27th, ahead of the leading Australian universities. No other New Zealand university was ranked in the top 75.
Getting into life on campus

Starting your university career at the Faculty of Medical and Health Sciences can be a big step if you are new to Auckland – but there are plenty of people, groups, organisations and events at the faculty and the University to help ease your passage into student life.

Out and about

The University has over 200 clubs and societies, which are a great way to make friends, learn new skills or indulge in your favourite hobby.

From cultural groups through to sports, academic and arts clubs, you will find something that suits your interests. Make a difference with a social responsibility club or explore your creative side with K-Pop, Glee or theatre club.

In particular, the faculty hosts a number of active student associations that run a range of events throughout the year. For instance, we coordinate the faculty student team for inter-faculty sports competitions. Students from the faculty consistently achieve distinction in the University’s annual Blues Awards, which acknowledge distinction in Arts and Culture, Service and Leadership, and Sports.

Student Online Orientation

The orientation modules are a great way to set yourself up for successful studies here at the University of Auckland. A range of candid first-year experiences can be found on The Inside Word Student Blog.

www.auckland.ac.nz/theinsideword

AUSA Student Advice Hub – We’re here to help!

Unfortunately, life and studies sometimes don’t run as smoothly as you hope. The Student Advice Hub is where you can access services from the Auckland University Students Association (AUSA) including advocacy, welfare and representation. We offer free and confidential support to all students. We are independent from the University.

AUSA can help you with academic and study problems, debt or funding issues, housing and tenancy queries, personal challenges, employment issues and much more.

Find us at:
Old Choral Hall
Building 104, Rooms G09, G11 and G15
Alfred Street
City Campus
Email: cityhub@ausa.org.nz
Phone: 09 923 7299 or ext: 87294 to make an appointment.

Accommodation

The University of Auckland offers several accommodation options, including halls of residence and student flats just minutes from the Grafton Campus. Accommodation is close to Auckland City, where there are many cafes, restaurants, movie theatres and more. The Grafton Campus is itself based across the road from the picturesque Auckland Domain, a quiet place to relax, socialise, exercise or study.

Student Associations at the Faculty of Medical and Health Sciences

AUSA

The Auckland University Students’ Association (AUSA) is elected and governed by the medical student body. We represent the interests of University of Auckland medical students, not only on the professional and academic stage, but also in the community. AUSA is committed to providing students with social, sporting, educational and interfaculty events in the hope of providing a holistic university experience for budding health professionals.

Alongside our annual social and sporting events such as AUSA Ball, pub crawls, parties, sport and various interfaculty events, we also organise sponsor nights and educational activities.

APSA

The Auckland Pharmacy Students’ Association (APSA) is a non-profit student association that is elected and run by pharmacy students. We represent the interests of University of Auckland pharmacy students, not only on the professional and academic stage, but also in the community. APSA is committed to providing students with social, sporting, educational and interfaculty events in the hope of providing a holistic university experience for budding health professionals.

Alongside our annual social and sporting events such as APSA Ball, pub crawls, parties, sport and various interfaculty events, we also organise sponsor nights and educational activities.

AUPHSA

The Auckland University Population Health Students’ Association (AUPHSA) is a non-profit organisation elected and run by population health students to represent the student body at the School of Population Health at the Tāmaki Innovation Campus.

Chiasma

Chiasma is a student-led, non-profit organisation that fosters connections between science and business. We connect students within the biotech related sectors of the University (Medical and Health Sciences, Biological Sciences, Bioengineering and Business). We also build networks with the wider New Zealand biotech sector. Chiasma aims to encourage innovation in the field of biotechnology and other high-tech fields.

Grassroots

Grassroots is the rural health club. This club supports tertiary health students from rural areas, provides advice on careers in rural health, runs related teaching and skills workshops, and holds legendary social events! Interdisciplinary interaction between students is encouraged on rural health matters, plus there is a network with other rural health clubs. Membership is open to all health professional students.

NASA

The Nurses of Auckland University Student Association (NASA) supports and advocates for student nurses, both while they study and as they enter the work place. We create opportunities for hundreds of future and current nurses and seek to change how health is seen in our workplaces and communities. We also encourage our students and society to get involved with serious health issues voluntarily.

SAMS

The Student Association for the Medical Sciences (SAMS) is a fully student-run club whose prime directive is to advocate for and cater to students’ academic, social and welfare needs. SAMS is an innovative platform that has been recently developed in order to assist with academic and personal well-being. This is achieved by organising a myriad of services and social events, including study-sessions, networking functions, BBQs, quiz nights, the SAMS Ball, First-Aid courses and fundraising events.

Each of these student associations has sporting and social representatives as well as acting as a face and voice for their members.
Glossary

**Admission:** The process of applying and being approved for entry to a university course or programme

**Alumni:** Graduates who have attended the University and the staff who have worked for the University

**Bachelors degree:** Usually the initial programme of study a student completes at university (Each bachelors degree consists of a certain number of required points, as well as required subjects and combinations of courses. Bachelors degrees can take between three and six years of full-time study, depending on the programme.)

**Campus:** A geographical location where university qualifications are taught, eg, City Campus, Epsom Campus

**Class:** A component of a course

**Conjoint:** Two degrees studied concurrently under a conjoint programme

**Corequisite:** A course that should be taken in the same semester as another unless it has already been completed

**Course:** A basic unit of study (The successful completion of a course results in the award of the points specified for the course. Most courses are taught and assessed over one semester and can consist of lectures and tutorials, lab workshops, assignments, tests and an examination. Each course has its own alphanumeric code. For example, BIOSCI 101 is a course you can study under the subject of Biological Sciences in a Bachelor of Science degree. It has a 100-level number because it is a Stage I course.)

**Degree:** A qualification awarded after completion of the requirements for that particular programme

**Double degree:** This is often confused with a conjoint degree. A double degree consists of two separate degrees studied concurrently or consecutively. There is no reduction of points; they take the same time to complete as two normal degrees. It may be possible to cross-credit some points from one to the other if one is completed first.

**Electives:** A defined set of courses for a diploma or degree from which a student may choose

**Enrolment:** The process after admission to a university programme, whereby a student selects and gains entry to courses and classes

**Examination:** The formal supervised assessment that takes place after a course has been taught

**Faculty:** The generic term used to differentiate each broad area of study and the staff who teach in, research and manage that area

**Flexible learning/delivery:** Learning characterised by a mixed mode of delivery and assessment of instructional material

**General Education:** A unique component of University of Auckland undergraduate degrees (Most students enrolling in their first undergraduate degree will be required to pass two General Education courses [30 points]. Most students enrolling in a conjoint degree programme will be required to pass one General Education course [15 points].)

**Graduation:** A celebratory event where your degree is officially conferred and your success acknowledged

**Guaranteed entry score:** A rank score that guarantees students entry to the programme in question, subject to fulfilling other conditions such as an interview, audition or portfolio

**Laboratory:** A practical teaching session

**Lecture:** A basic unit of instruction for a course (Lecturers are the academic staff who teach the courses. They will give you all the information you need regarding course content, laboratories, tutorials etc.)

**Major:** A required component of a degree, including a specified number of points in a subject at an advanced level

**Minor:** A component of a degree including a specified number of points above Stage I in a subject (A minor has fewer requirements to fulfil than a major in terms of points and compulsory courses.)

**Orientation:** Events aimed at familiarising new students with the social and academic support available on campus

**Part:** A defined subdivision specified in the regulations of some degrees (Some programmes require you to pass all courses in a particular year before proceeding to the next year, unless there are exceptional circumstances.)

**Postgraduate:** A student who has successfully completed a degree and is studying for a higher qualification (It also describes the courses and qualifications available to these students.)

**Prerequisite course:** A requirement that must be met before starting to study a particular course or programme (For example, if you wish to study MEDSCI 205, you are required to have passed BIOSCI 107 and MEDSCI 142.)

**Programme:** A prescribed set of one or more courses or other work, which when satisfactorily completed leads to the award of a University of Auckland certificate, diploma or degree

**Restriction (restricted course):** A course in which the learning objectives, content and/or assessment are so similar to another course that a student cannot be credited with both towards a certificate, diploma or degree (In some cases a restricted course may be taken and credited as a Certificate of Proficiency.)

**Semester:** A period of about 15 weeks, which includes about 12 teaching weeks and about three weeks for study and examinations (There are two semesters per year with a mid-semester break of up to two weeks.)

**Specialisation:** A coherent group of related courses from different subjects

**Stage:** The academic level of study in a subject (Most undergraduate programmes comprise three stages. Stage I is the introductory level, Stage II is the intermediate level, and Stage III is the advanced level.)

**Subject:** An area of learning, which may be provided by a school or a department or by departments offering related courses

**Summer School:** A six-week period during which a selection of courses is taught and assessed (Students take Summer School courses to progress through their programme more quickly, to compensate for poor performance in a previous semester, or to spread a heavy workload.)

**Tutorial:** A small group-learning session

**Undergraduate:** A student who is studying towards their first degree, or the courses that are part of their first (bachelors) degree

**Year:** The number of years you have been studying. (Single degree programmes generally take between three and six years of full-time study to complete.)
Can I get into Medical Imaging (BMedImag(Hons)), Medicine (MBChB), Optometry (BOptom), or Pharmacy (BPharm), directly from school?
No. Applicants completing a secondary school qualification in New Zealand or overseas are not eligible to apply directly for these programmes. Please see pg. 24 for more information on entry requirements.

Do I need to have studied three science subjects in high school to be admitted into Bachelor of Health Sciences (BHSc) or Bachelor of Science (Biomedical Science)?
BHSc: Applicants need to have taken at least one subject from Table B. For potential applicants to Medicine we strongly recommend both Biology and Chemistry at Year 13 level.
BSc: While there are no science subject requirements to be admitted, it is recommended that applicants take a range of science subjects at Year 13 level, including Biology, Chemistry and Physics. If applicants have to choose, or wish to take two science subjects only, Biology and Chemistry are recommended.
At least one English-rich subject is also strongly recommended for potential applicants to medicine. See Table A on pg. 24.

Do I need UMAT results for entry into BHSc, BSc (Biomedical Science), BMedImag(Hons), BOptom or BPharm?
No. UMAT is only required for entry into the MBChB programme.

Which General Education courses can I take?
You can choose your General Education course(s) from either the Faculty Schedule (EMHSS) or the Open Schedule (O), excluding BIOSCI 100G, MEDSCI 100G, MEDSCI 101G, POPLHLTH 103G, POPLHLTH 104G.

Can I study part-time?
Bachelor of Health Sciences is the only degree that can be taken part-time. Part-time study is not appropriate for students who are intending to apply for MBChB, BMedImag(Hons), BOptom, or BPharm.

When can I begin my conjoint programme?
You can generally begin a conjoint programme in the first or second year of your studies, as long as you have not completed 270 or more points towards either component degree. A conjoint programme can usually be completed within four or five years, depending on the combination you choose. Please see pg. 22 for all FMHS conjoint options.

Can I do first year BHSc or BSc (Biomedical Science) somewhere else and apply for Medicine at Auckland?
No.

Is there a mid-year intake for Medical Imaging, Medicine, Optometry and Pharmacy?
No.

Is there a preference between BHSc and BSc (Biomedical Science) for MBChB admissions?
No preference or advantage is given, and these programmes are considered equally for admission to the MBChB.

How many times can I apply for the health professional programmes at Auckland?
All applicants can only apply twice for the MBChB programme at the University of Auckland, regardless of entry category. There is no limit for other programmes.

What else can I do if I don’t get into MBChB after the first year of BHSc or BSc (Biomedical Science)?
If you’re unsuccessful in gaining entry to the MBChB at the end of your first year, we advise continuing your studies. You can remain in the degree you started, or apply to transfer to a conjoint degree or a different programme. Once you have completed your degree, you may be able to reapply to the MBChB as a graduate.

What is the format of the interview for entry to Part II programmes?
The interview for MBChB, BMedImag(Hons), BOptom and BPharm is in a Mini Multiple Interview (MMI) format. Applicants are advised to consult the website for more information on the selection and interview process: www.fmhs.auckland.ac.nz/medicine
Applicants may also receive useful advice by speaking to current students or health professionals.

How are students selected under the Regional Rural Admission Scheme (RRAS)?
The same selection process is used for all applicants to the Medicine, Optometry or Pharmacy programmes. The only difference is that an applicant’s regional or rural origin is taken into account during the selection process.

My school was categorised regional or rural but no longer is, will I still be eligible for the RRAS?
No. Assessment of eligibility is based on the regional or rural status at the time of admission.

What if I am an international student?
All the faculty undergraduate degree programmes are available to international students, but applicants will compete for a limited number of places in the programme.

Do I need to provide supplementary information?
MAPAS applicants for faculty undergraduate programmes are required to submit the Supplementary Information Form (MH04) by the closing date. Submission of this form does not constitute a formal application.
The MH04 form is available at: www.fmhs.auckland.ac.nz/mapasforms
RRAS applicants will be required to submit evidence regarding their schooling.
For more frequently asked questions, visit: www.fmhs.auckland.ac.nz/faq
Dates to remember

Applications to the University of Auckland should be received no later than the published closing date. If there are places available, applications received after the closing date will be considered on the basis of academic merit.

### FMHS Undergraduate application dates

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### Other important dates for FMHS

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- **Semester One begins (MBChB/CertHSc)** | **25 February 2019** |
- **Semester One begins (all other programmes)** | **4 March 2019** |

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### Orientation

Orientation takes place the week before lectures start each semester. Faculty Orientation Day is designed to help you feel more connected with your faculty of study, while allowing you to meet staff and students who you will come across during your time at the University. You will be buddied up with your UniGuide who will be there to answer any questions you may have about university life.

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For information on International Orientation Week visit [www.auckland.ac.nz/international_orientation](http://www.auckland.ac.nz/international_orientation)

### Academic year 2019*

#### Summer School – 2019

<table>
<thead>
<tr>
<th>Event</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Lectures begin</td>
<td>Monday 7 January</td>
</tr>
<tr>
<td>Auckland Anniversary Day</td>
<td>Monday 28 January</td>
</tr>
<tr>
<td>Waitangi Day holiday</td>
<td>Wednesday 6 February</td>
</tr>
<tr>
<td>Lectures end</td>
<td>Friday 15 February</td>
</tr>
<tr>
<td>Study break/exams</td>
<td>Study Break: Saturday 16 February Exams: Monday 18 – Wednesday 20 February</td>
</tr>
<tr>
<td>Summer School ends</td>
<td>Wednesday 20 February</td>
</tr>
</tbody>
</table>

#### Semester One – 2019

<table>
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<tr>
<th>Event</th>
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<tbody>
<tr>
<td>Semester One begins</td>
<td>Monday 4 March</td>
</tr>
<tr>
<td>Mid-semester break</td>
<td>Monday 15 – Saturday 27 April</td>
</tr>
<tr>
<td>ANZAC Day</td>
<td>Thursday 25 April</td>
</tr>
<tr>
<td>Graduation</td>
<td>Monday 6, Wednesday 8, Friday 10 May</td>
</tr>
<tr>
<td>Queen’s Birthday</td>
<td>Monday 3 June</td>
</tr>
<tr>
<td>Lectures end</td>
<td>Friday 7 June</td>
</tr>
<tr>
<td>Study break/exams</td>
<td>Study Break: Saturday 8 – Wednesday 12 June Exams: Thursday 13 June – Monday 1 July</td>
</tr>
<tr>
<td>Semester One ends</td>
<td>Monday 1 July</td>
</tr>
<tr>
<td>Inter-semester break</td>
<td>Tuesday 2 July – Saturday 20 July</td>
</tr>
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</table>

#### Semester Two – 2019

<table>
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<tr>
<th>Event</th>
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<tbody>
<tr>
<td>Semester Two begins</td>
<td>Monday 22 July</td>
</tr>
<tr>
<td>Mid-semester break</td>
<td>Monday 2 – Saturday 14 September</td>
</tr>
<tr>
<td>Graduation</td>
<td>Tuesday 24 September</td>
</tr>
<tr>
<td>Labour Day</td>
<td>Monday 28 October</td>
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<td>Lectures end</td>
<td>Friday 25 October</td>
</tr>
<tr>
<td>Study break/exams</td>
<td>Study Break: Saturday 26 – Wednesday 30 October Exams: Thursday 31 October – Monday 18 November</td>
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### Semester Two 2018 Orientation welcome

Faculty Orientation: Week beginning 9 July 2018
(Semester Two 2018 begins 16 July)

### Semester One 2019 Orientation welcome

Faculty Orientation: Week beginning 25 February 2019
(Semester One 2019 begins 4 March.)
Experience campus for yourself at our annual Open Day!

Courses and Careers Open Day is all about discovering the qualifications that are right for you. You’ll learn what you need to get accepted into the University, what it’s like to be a student on campus, and where your study could lead you.

While you’re here, make the most of the opportunity to attend lectures, meet our staff and students, experience our social culture and explore the City Campus. The full programme will be available online and from your school in July. For more information you can visit www.openday.ac.nz

We look forward to welcoming you to the University on 25 August 2018.

Future Student Evenings

We run a series of evening events in all the main centres, where we share what the University of Auckland has to offer. There’s plenty of opportunity for questions and discussion that will help students, parents or guardians make informed choices.

www.auckland.ac.nz/futurestudentevenings

www.fmhs.auckland.ac.nz