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## Welcome



Founded in 1869, the University of Otago is New Zealand's oldest university, but it is also a place that prepares students for the demands of the 21st century. Otago is highly committed to using our research strengths to solve big problems in New Zealand and around the world.

The University of Otago is New Zealand's leading postgraduate research university<sup>1</sup>, with unrivalled access to world-class research teams and academic leaders. For every 100 postgraduate students, we have 20 or more research-active staff<sup>2</sup> who are leaders in their disciplines.

Men and women are attracted from all over the world for postgraduate study here – not only because of the University's academic reputation, but also because of the unrivalled campus experience we can provide, which includes Abbey College, New Zealand's first residential college for postgraduate students.

Dunedin is the only true university city in Australasia, and our campuses in Christchurch and Wellington offer truly vibrant urban environments. At the University of Otago, we recognise that choosing where to pursue your postgraduate study is one of the most important decisions you will make. To assist you in this decision, we have designed this prospectus to inform you about our postgraduate qualifications, scholarships, campus facilities and research, and to provide other information that may answer questions you have about studying in Dunedin, Christchurch or Wellington.

I warmly invite you to the University of Otago and I am confident that your time here will be stimulating and rewarding.

PROFESSOR HARLENE HAYNE Vice-Chancellor

Harlene Hayre

<sup>1</sup> Top ranked in the Tertiary Education Commission's PBRF 2012 quality evaluation exercises for research quality relative to postgraduate student numbers.

<sup>2</sup> PBRF "A" or "B" rated academic or research staff, with acknowledged national or international leadership in their discipline.

## WHY OTAGO?

The University of Otago is New Zealand's leading postgraduate research university.

Students come to Otago from all over the world: 2,800 international students from 100 countries.

4,500 postgraduate students.

1.500 undertaking doctoral study.

Ranked in the top 1% of universities in the world (QS World Rankings).

More than 120 postgraduate programmes – from one-semester postgraduate certificates to extended research degrees.



For every 100 postgraduate students, there are 20 or more research-active staff who are leaders in their disciplines.

Otago's postgraduate qualifications are recognised internationally: Otago graduates live and work in more than 120 countries.



288 doctoral degree completions in 2017.

\$183<sub>MILLION</sub>

Otago attracted \$183 million in external research funding in 2017.



'Five-stars-plus' ranking from QS stars reflects Otago's quality and excellence.

# A national presence

The University of Otago has a presence throughout New Zealand, from its Auckland Centre in the north to the College of Education's Invercargill campus in the south.

#### **DUNEDIN**

The large Dunedin campus is the University's administrative base and is where most undergraduate and postgraduate study takes place.

Dunedin is New Zealand's only true student city. Of Dunedin's population of 120,000 people, more than 20,000 are University of Otago students, with more than 4,500 studying at postgraduate level.

Although relatively small in size, Dunedin boasts many natural attractions and facilities usually only found in larger urban centres. Students benefit from Dunedin's relatively inexpensive cost of living, particularly compared to New Zealand's northern cities, and some of the country's most spectacular natural attractions, including the internationally known resort towns of Queenstown and Wanaka, are just a few hours' drive out of the city.







#### WELLINGTON

The University of Otago, Wellington, is home to many leading medical researchers. Undergraduate medicine, radiation therapy and postgraduate courses are taught from this campus.

Wellington is a vibrant and dynamic city, located at the southern end of the North Island. It is New Zealand's capital city and the seat of parliament.

otago.ac.nz/wellington

#### **CHRISTCHURCH**

The University of Otago, Christchurch, is New Zealand's most research-intensive campus for medical and health sciences, and is the base for medical and postgraduate health education and health research in Christchurch.

Christchurch is the largest of the South Island's cities with a population of about 350,000. Like Dunedin, education is a focus of activity in Christchurch. It offers world-class leisure and sporting facilities, a lively arts and entertainment scene, and easy access to both beaches and mountains.

otago.ac.nz/christchurch

## Research at Otago

The University of Otago is one of New Zealand's largest research organisations, internationally recognised for its strengths in areas that enhance health, and social, environmental and economic well-being.

#### RESEARCH CENTRES AND THEMES

The University has recognised a number of areas of research strength as Research Centres and Research Themes. Many of these are multidisciplinary, encouraging research across a range of academic fields and providing outstanding opportunities for postgraduate students.

#### RESEARCH CENTRES

Brain Health Research Centre

Centre for Neuroendocrinology

Centre for Research on Colonial Culture

Centre for Sustainability (CSAFE)

Centre for Translational Cancer Research

Christchurch Heart Institute

Edgar Diabetes and Obesity Research

Genetics Otago

National Centre for Lifecourse Research

New Zealand Centre for Sustainable Cities

One Health Aotearoa

Otago Global Health Institute

#### RESEARCH THEMES

Allan Wilson at Otago (Human Evolutionary Genomics)

Agriculture at Otago

Asia-Pacific Biocultural Health: Past and Present

ASPIRE2025 Research for a Tobacco-Free Aotearoa

Centre for Bioengineering

Centre for Global Migrations

Centre for Health Systems and Technology

Collaboration of Ageing Research Excellence (CARE)

Integrated Catchment Management

Microbiome Otago

New Zealand Ocean Acidification Research Cluster

Otago Energy Research Centre

Pain at Otago

Performance of the Real

Polar Environments Research Centre

Poutama Ara Rau

Te Koronga: Indigenous Science



#### POSTGRADUATE RESEARCH SUPERVISION

Otago is a research-led university. Postgraduate research students are supported by many of this country's leading researchers across the Sciences, Humanities, Business, Health Sciences, Medicine and Dentistry.

Otago has the highest proportion of postgraduate research students of any university in New Zealand – there are currently more than 1,500 doctoral candidates enrolled. PhD completion numbers are at an all-time high and the completion rate – at between 80–90 per cent – is internationally competitive.

The University recognises the importance of the supervisor-student relationship. Supervisors induct and support graduate research students into the research culture, backed by strong departmental facilities. Regular workshops are held for students, supervisors and postgraduate convenors.

The staff expertise website highlights the depth and breadth of specialised knowledge at Otago and is a useful resource for those looking for a supervisor.

otago.ac.nz/mediaexpertise

## 12 research centres and 17 research themes confirmed.

Otago hosts two of the most widely-recognised longitudinal studies in the world: the Dunedin Study and the Christchurch Health and Development Study.

Three Otago research teams have won the Prime Minister's Science Prize.

## \$35<sub>MILLION</sub>

Otago leads the \$35 million Genomics Aotearoa platform.

Otago is taking leadership roles in two national Centres of Research Excellence.

# Support for postgraduate students

In addition to having top-quality teachers and supervisors, Otago also offers a range of support services specifically for postgraduate students as well as general support to help you complete your study.

#### GRADUATE RESEARCH SCHOOL

The Graduate Research School provides:

- Support for graduate research candidates and their supervisors
- Leadership in the area of researchonly higher degree education (thesis masters' and doctoral degrees)
- Advice and oversight of doctoral related matters and scholarships
- Facilitation of best practice in graduate research across the University
- Advice on policy matters related to graduate research
- Opportunities for candidates from across the University to network with each other.

The School offers a coaching service for all graduate research candidates, and dedicated support for Māori postgraduate students. It also presents regular orientation and finishing workshops for doctoral and masters' thesis candidates on the Dunedin, Christchurch and Wellington campuses.

The Dean and Manager of Graduate Research are also available for private consultation by candidates or staff on matters related to graduate research study.

The Graduate Research School administers the Postgraduate Publishing Bursary, a scheme that supports thesis candidates to prepare journal articles while their theses are being examined.

A Three Minute Thesis Competition is held each year alongside other academic

and social events. All candidates are welcome to attend these functions as part of the growing graduate research community at Otago.

The Graduate Research Student Liaison Committee, comprising candidate representatives from across the University and chaired by the Dean, provides a forum for candidate issues.

otago.ac.nz/graduate-research

## DOCTORAL AND SCHOLARSHIPS OFFICES

The Doctoral and Scholarships Offices are part of the Graduate Research School. They provide administrative support and assistance to all doctoral candidates and scholarship recipients at the University.

otago.ac.nz/phd

#### CAREER DEVELOPMENT CENTRE

A postgraduate degree is a great start, but employers also value skills developed through a wide range of experiences. For those interested in an academic career, it's important to develop a career strategy and work on this while studying. The Career Development Centre has a dedicated postgraduate career adviser who can help explore career options, gain experience, assist with the job application process and job search strategies, and is available for one-on-one confidential career advice.

otago.ac.nz/careers-postgrad

#### **CHILDCARE ON CAMPUS**

The Otago University Childcare Association provides excellent early childhood education in high-standard purpose-built facilities. The OUCA operates four childcare centres, including a bilingual centre, for children from birth to five years.

Places are available across all age groups and all centres and a wait register form is required. Twenty hours ECE is available for all three and four year olds, reducing the cost for these children. WINZ subsidies provide financial assistance also.

otago.ac.nz/childcare

## DISABILITY INFORMATION AND SUPPORT

Disability Information and Support provides learning support, advice, advocacy and information to students with disabilities, impairments, medical conditions or injuries.

The support provided is varied and may include access to specialised equipment, quiet study rooms, reformatting of course materials, and alternative test and examination arrangements. Our Student Advisers are available to discuss each student's requirements and work collaboratively to put together a support plan.

otago.ac.nz/disabilities

## INFORMATION TECHNOLOGY SERVICES (ITS)

ITS staff provide support for computers and internet-based teaching and communication programmes used throughout the University.

Student IT (part of ITS) offers peer level support for University-owned equipment and students' personal devices

otago.ac.nz/studentlT

#### **LIBRARIES**

The University library offers comprehensive print and electronic resources in a number of facilities across campus, including the Central (Business and Humanities), Robertson (Education), Law, Health Sciences, and Science Libraries and Hocken Collections (New Zealand and Pacific heritage material).

The Hocken is one of New Zealand's foremost research libraries and contains many rare historical publications of national and international significance, as well as manuscripts, pictures and photographs. This is an exceptional resource for postgraduate students, providing wide opportunities for research.

There are also specialist Medical and Health Sciences Libraries on the Christchurch and Wellington campuses.

All subject areas have a dedicated librarian to support postgraduate learning. They can help with information on starting research, finding resources and producing a thesis. There are also targeted sessions throughout the academic year to support students in their study.

otago.ac.nz/library

#### MĀORI CENTRE/TE HUKA MĀTAURAKA

The Māori Centre operates from a kaupapa Māori base to provide first-class academic, counselling, pastoral and social support to all Māori students at Otago. This includes resources, personal support and advice, information about grants and scholarships, and a place to meet other tauira Māori.

Māori postgraduate co-ordinators provide particular support to Māori postgraduate students. This includes regular workshops, writing retreats, research hui, advocacy, informal social gatherings and delivery of the Te Kupenga o MAI (Māori and Indigenous Postgraduate Students) programme.

otago.ac.nz/maoricentre

## OPPORTUNITIES TO STUDY OVERSEAS

Doctoral and thesis masters' candidates at Otago commonly travel overseas to conduct fieldwork or to visit laboratories as part of their study. For postgraduate students undertaking coursework masters' degrees, it may be possible to undertake a student exchange overseas. The University has exchange agreements with over 100 institutions worldwide, allowing for reciprocal exchange of students.

otago.ac.nz/student-exchange

#### PACIFIC ISLANDS CENTRE

The Pacific Islands Centre provides academic assistance, cultural and pastoral support, course advice and scholarship information for all students of Pacific descent.

The Pacific Postgraduate Reference Group supports Pacific postgraduate students by facilitating monthly seminars, connecting students to academic divisions and offering academic advice. The monthly seminars culminate in the annual Pacific Voices Symposium, held in September, where postgraduate students come together to present their research and take part in discussions and fellowship.

otago.ac.nz/pacific

#### RECREATION SERVICES

Recreation Services offer a comprehensive range of facilities, activities and services on and off campus, including Unipol Recreation Services, located at University Plaza, next to the Forsyth Barr Stadium. With free entry for all students, Unipol offers top-class facilities including two sports halls, three fully-equipped resistance training areas and large cardio space. Additional activities include trips, group fitness, social sport and gear hire.

otago.ac.nz/recreation





#### STUDENT HEALTH SERVICES

Student Health is situated on campus and provides medical, nursing, counselling and psychiatric advice and treatment for all students enrolled at the University of Otago.

otago.ac.nz/studenthealth

#### STUDENT LEARNING DEVELOPMENT

HEDC Student Learning Development (SLD) works closely with the Graduate Research School and the International Office to provide an integrated approach to postgraduate students' studies. Its postgraduate programme includes workshops on the research journey, reviewing literature, thinking about and preparing a thesis, writing critically, presenting at conferences and publishing. Personal one-to-one consultations about specific problems associated with postgraduate research and study are also available.

otago.ac.nz/SLD

#### STUDENTS' ASSOCIATION

The Otago University Students'
Association (OUSA) provides
representation, recreation, events,
welfare, advocacy and support for all
Otago students. It publishes a weekly
student magazine, Critic, and operates a
radio station, Radio One. Postgraduate
students have their own representative
on the association's executive committee.

ousa.org.nz

#### **INTERNATIONAL**

The University's International Office is a focal point for international students at Otago. It provides information, support and advice to future and current international students, and to students wishing to study overseas on exchange programmes. It runs on-campus orientation programmes for new international students, operates the Otago International Friendship Network and offers a visa renewal service and assistance with insurance.

All enquiries from prospective international students about application and admission should be directed to the international office.

otago.ac.nz/future-students/ international

## Accommodation

The University of Otago offers a variety of accommodation options suitable for postgraduate students.

#### **RESIDENTIAL COLLEGES**

Abbey College is a fully-dedicated postgraduate residential college.

Postgraduate students are also welcomed in the following undergraduate residential colleges:

- Arana College
- Caroline Freeman College
- Knox College
- Salmond College

All residential colleges provide fully furnished and equipped accommodation. They have a strong community ethos, with academic support, cultural, sporting and social activities. Students wishing to live in University-managed accommodation need to submit an online application.

Please note college accommodation is not suitable for families.

## UNIFLATS – UNIVERSITY-MANAGED FLATS AND HOUSES

UniFlats have limited accommodation for newly arrived international postgraduate students. There is also a small number of flats available for postgraduate students with partners and/or families. All University-managed flats are self-catered, fully furnished and within an easy 10-minute walk of campus.

otago.ac.nz/uniflats

#### TEMPORARY ACCOMMODATION

Temporary accommodation is available in some colleges before the beginning of the academic year. The Student Accommodation Centre can also provide a list of options, including backpackers, bed and breakfasts, and motels close to the University.

Temporary accommodation should be arranged if you intend to find your own long-term accommodation after arrival, or if you plan to arrive before your booked accommodation is available.

#### OTHER ACCOMMODATION

The Student Accommodation Centre has a comprehensive online database of flats, houses and rooms that are available to rent privately. It is recommended that students arrange temporary accommodation for when they first arrive in Dunedin and then look for more permanent options.

The Student Accommodation Centre is on campus with staff available to assist with finding options that will best suit students.

otago.ac.nz/ accommodation

#### ABBEY COLLEGE

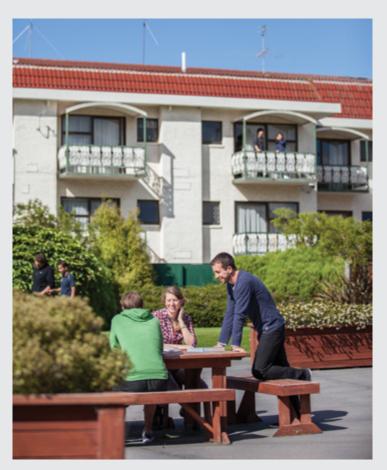
Abbey College is New Zealand's only residential college specifically for postgraduate students. It is located within walking distance of all university facilities, the Dunedin Botanic Garden and the central city. The college has 75 rooms, many with en-suite bathrooms. There are also options for couples and students with disabilities.

The complex is spacious, safe and secure, with its operation overseen by an on-site Head of College. The college has its own dining room with full catering to residents. There are large common rooms and study rooms, a pleasant garden (Abbey Common), a spa pool and sauna. University Wi-Fi is available throughout the complex. Car parking is also available.

Abbey College provides an academic community environment unrivalled in New Zealand.

otago.ac.nz/abbeycollege







## **Scholarships**

The University offers more than 260 generous postgraduate scholarships each year. Particular scholarships are available for Māori and indigenous Pacific students, and for students studying in specific areas.

Selection for scholarships is based on academic merit and, in the case of thesis study, demonstrated research potential. No interview is required.

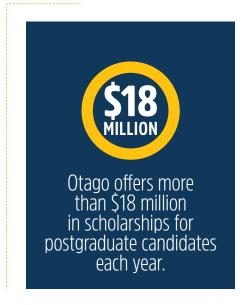
#### APPLICATION PROCEDURE

Applications for University of Otago postgraduate scholarships can be made at any time throughout the year. Usually this will either be at admission, in which case the scholarship application will be completed online as part of the admission application process, or just before the thesis or research component of the applicant's degree begins.

Information on how to apply, including application forms, is available online.

otago.ac.nz/applynow

	(months)	offered per year	
13,000 plus tuition fees	12	60	Domestic
13,000 plus international tuition fees capped at the domestic rate	12	8	International
\$10,000	12	20	Domestic and international
\$25,000 per annum plus tuition fees	36	181	Domestic and international
1	13,000 plus international tuition fees capped at the domestic rate \$10,000 \$25,000 per annum	13,000 plus international 12 tuition fees capped at the domestic rate \$10,000 12 \$25,000 per annum 36	13,000 plus tuition fees 12 60  13,000 plus international 12 8 tuition fees capped at the domestic rate \$10,000 12 20  \$25,000 per annum 36 181



# Postgraduate study at Otago

This section provides general information about studying at Otago and the postgraduate programmes that are available. For information specific to your field of interest, please contact the appropriate academic department, or the International Office if you are an international student.



#### **ACADEMIC YEAR**

For coursework programmes, the University academic year is divided into two semesters. The first semester runs from late February until the end of June; the second semester runs from early July until mid November.

Thesis-only students can begin their studies at any time between early January and late December.

#### ADMISSION AND ENROLMENT

Postgraduate students must be approved for admission to their programmes in their first year of study and must complete enrolment procedures in every year of study.

To discuss eligibility and possible research areas in a particular field of interest, it is usually best to contact the department or school directly, or the International Office for international students enrolling at Otago for the first time.

international.admissions@otago.ac.nz

Prospective PhD candidates should contact the Graduate Research School for any PhD-related admission queries.

phd@otago.ac.nz

Applications for admission to all postgraduate programmes are made online.

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otago.ac.nz/enrolment

#### TEACHING AND ASSESSMENT

The number of lectures and amount of academic contact time will depend on the programme. Postgraduate study is more intensive than undergraduate study and requires more independent research. Assessment can be by thesis, examination and/or internal assessment, depending on your specific programme.

#### DISTANCE LEARNING

The University of Otago has been offering distance-taught postgraduate courses for more than 25 years, enabling thousands of learners, throughout New Zealand and overseas, to undertake study that might otherwise have been impossible – study that has kept them abreast of the latest developments in their field and allowed them to advance their careers.

Otago's postgraduate distance learning options reflect areas in which this University has established strengths across all academic divisions, but particularly in the Health Sciences.

Distance study allows students the flexibility to study in their space and in their time, enabling them to fit it in and around busy work and domestic lives. Many distance students are professionals who are studying to enhance their qualifications. For them, the interplay of work and study is an important part of their learning. Others study for personal interest, being enriched by the knowledge and teaching expertise that Otago staff bring to their interactions with students.

However, Otago also recognises that learning on your own is not always easy and provides numerous opportunities to interact with lecturers and fellow students, including audio and video conferencing, online discussion networking and, in some cases, residential schools or workshops. Special support for distance learners includes access to Otago's Distance Library Service and help with course-related computing needs.

Postgraduate distance learning options are offered across Business, Health Sciences, Humanities and Sciences. Some are available only within New Zealand, but others are available in Australia and beyond.

otago.ac.nz/distance

## **Maddy Adams**

POSTGRADUATE DIPLOMA IN APPLIED SCIENCE



Maddie Adams was really enjoying her job but wanted to advance her qualifications and further her professional development.

"Distance learning was perfect for me. The University allowed me to work on a project that benefitted my workplace as well as furthering my research skills and helping my specialisation as a technician

"Developing good time management to handle work, family life and study was a bit of a steep learning curve. Trying to fit everything in could be difficult and there were times when I found it hard going but the staff understood that and were sympathetic.

"I learned that you shouldn't be afraid to ask for help because the support is there."

## Postgraduate study options

Otago offers more than 120 postgraduate programmes, from one-semester certificates to extended research degrees.

#### **DOCTOR OF PHILOSOPHY**

The degree of Doctor of Philosophy (PhD) is a research-only qualification designed for students who intend to pursue an academic or research career. The degree is awarded on the basis of the submission of a thesis, which should give evidence of the candidate's ability to carry out research, evidence that the candidate has shown originality and independence, and that the candidate has made a significant contribution to knowledge in a particular field.

#### Entrance requirements

Admission usually requires the completion of a master's degree, or a first-class or upper-second-class honours degree in the same area of study, or a related discipline, as the intended area of research. Applicants for this degree must have a demonstrated research background. All applicants must submit a research proposal and identify a principal supervisor willing to provide full supervision for the research project.

#### Duration

A diligent and competent student is expected to complete the PhD in three years of full-time study.

#### Admission

The PhD degree has its own admission process. Initial admission for the degree is provisional and is confirmed only after one year of satisfactory full-time or part-time study. Further information on admission requirements is contained in the PhD Handbook, available online.

otago.ac.nz/phd

#### **MASTERS' DEGREES**

Masters' degrees vary in nature at Otago, but the majority allow for the development of individual research. Working from a strong background of study, candidates have the opportunity to contribute to existing specialist fields or to begin to develop new areas of research. Masters' degrees are typically research-only, but some can be a combination of research and coursework, or a mainly coursework programme.

#### Research masters' degrees

A master's degree by thesis is a supervised research degree. The one-year programme leads to the submission of a thesis, which must be a substantial work and the outcome of independent research, scholarship and/ or creative activity, conducted under supervision. The two-year programme comprises a year of coursework followed by a thesis year.

#### Coursework masters' degrees

A master's degree by coursework comprises supervised coursework over a period of one to two years. This typically includes both taught papers and a research component (a dissertation or research project).

#### Entrance requirements

Candidates with an honours degree or postgraduate diploma may apply for master's study by thesis only. In other cases, candidates with a bachelor's degree may apply for master's study by coursework and thesis.

A master's degree is usually undertaken in the same area of study as the major subject pursued for a bachelor's degree, postgraduate diploma or honours degree. However, a number of masters' programmes have been developed which require only that the candidate is a graduate and/or has appropriate work experience.

#### Duration

Depending on a student's previous qualifications and the specific requirements of the programme, a master's degree will normally require between 12 and 24 months of full-time study, or the equivalent in part-time study.

otago.ac.nz/masters

#### **HONOURS DEGREES**

Most three-year bachelors' degrees at Otago have postgraduate honours degrees allied to them (e.g. Bachelor of Arts and Bachelor of Arts with Honours). They involve further papers in the subject of the first degree and a research report or dissertation. It is possible to undertake honours degrees in more than one subject, or to take a combined honours degree (involving a blend of papers from two subjects).

#### Entrance requirements

A postgraduate honours degree can be taken at any time after the completion of a bachelor's degree. It is usually undertaken in the same area of study as the major subject pursued for a bachelor's degree, or in a related discipline, and requires achievement at a high academic level.

#### Duration

A postgraduate honours degree must normally be completed in one academic year of full-time study, although parttime study is possible in some cases.

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#### POSTGRADUATE DIPLOMAS

A postgraduate diploma provides a specialist postgraduate qualification and a pathway to research study, extending the knowledge gained in a bachelor's degree. It offers students structured courses and guidance, as well as the opportunity to undertake some independent research. Students are able to focus on a preferred area

of study and may begin to formalise future research plans.

#### Entrance requirements

A postgraduate diploma can be taken at any time after the completion of a bachelor's degree. It usually follows on from study in the same subject or a related discipline for a bachelor's degree.

#### Duration

A postgraduate diploma can usually be completed in one academic year of full-time study, or the equivalent in part-time study.

#### **POSTGRADUATE CERTIFICATES**

A postgraduate certificate is generally a six-month coursework qualification that recognises continuing professional development in the same area as the candidate's original degree.

#### Entrance requirements

A postgraduate certificate can be taken at any time after the completion of a bachelor's degree. It may be undertaken in the same area of study as the major subject pursued for a bachelor's degree or in a related discipline.

#### Duration

A postgraduate certificate can usually be completed in one semester of full-time study, or the equivalent in part-time study.

#### **DIPLOMA FOR GRADUATES**

The Diploma for Graduates is a qualification open to graduates. Unlike a postgraduate diploma, which involves 400-level papers, the Diploma for Graduates typically involves undergraduate papers (that is, papers at 100-, 200- and 300-level).

The Diploma for Graduates comes in two forms. In its flexible form, the diploma is intended for graduates who wish to broaden their undergraduate background, and any combination of subjects that constitutes an academically feasible and justifiable programme of study is permitted, provided that the chosen combination includes enough points at 300-level.

The endorsed form of the Diploma for Graduates identifies a subject of specialisation and requires that papers be concentrated in that subject. Since the endorsed Diploma for Graduates is approximately equivalent to a new major subject, it is often used as a bridge to postgraduate study.

#### Entrance requirements

Candidates with a bachelor's degree or extensive training and experience in an appropriate field may apply.

#### Duration

A graduate diploma can usually be completed in one academic year of full-time study, or the equivalent in part-time study.

otago.ac.nz/postgraduate

## **Business**

business.otago.ac.nz

The Otago Business School offers internationally accredited postgraduate qualifications for business and non-business graduates both in research and practical applications.

The School is an Asia-Pacific leader in business education and research and holds dual EQUIS<sup>1</sup> and AACSB<sup>2</sup> accreditation status, ensuring our qualifications are globally portable and internationally recognised.

#### RESEARCH EXCELLENCE

The School has a host of internationally recognised scholars that teach and research in the areas of Accountancy, Economics, Entrepreneurship, Finance, Hospitality, Human Resource Management, Information Science, International Business, Management, Marketing and Tourism.

The School maintains its connection and engagement with the real world of business by continually delivering its research findings to the national and international business communities.

#### **FACILITIES AND SUPPORT**

The University has recently completed an \$18million upgrade of the Business School, making it one of the most modern and inviting places on campus. Throughout the School you can access wireless internet, computer facilities, and IT support. The School also hosts a Bloomberg Financial Terminal – providing up-to-the-minute financial data from around the globe. A network of academic staff can assist with thesis preparation and research guidelines.

Our Visiting Executive Programme (VEP) provides regular seminars presented by leading executives from organisations such as the Reserve Bank of New Zealand, New Zealand Trade and Enterprise, World Vision, and other successful national and international companies and organisations. Individual departments also frequently present seminars on a wide range of topics. You are encouraged to attend, participate and develop interdisciplinary links, both within the School and with visiting international colleagues.

The Audacious Business Plan competition aims to help launch studentrun businesses. Audacious also provides seminars, workshops, a business coach, and the Startup Space where you can mix with likeminded students and entrepreneurs.

<sup>1</sup> European Quality Improvement System

<sup>2</sup> Association to Advance Collegiate Schools of Business

#### WHY CHOOSE BUSINESS AT OTAGO?



Otago is one of approximately only 100 business schools worldwide to hold dual AACSB and EOUIS accreditation.

Regular on-campus seminars are presented by leading New Zealand executives and highly respected academics from around the world.

Our boutique full-time MBA programme prides itself on its small class size, international reputation and student mentoring programme. Our online MBA option is ranked globally and offers two intakes each year.



Financial assistance is available to assist PhD students to attend conferences that will benefit their research, or that of their wider research group.



The School's Department of Accountancy and Finance is a CFA Programme Partner – only 125 universities around the world have this status.

The Audacious programme and Startup Space encourages new business start-ups and provides entrepreneurial students access to business expertise and resources.

A digital repository contains a library of research papers from staff and students across the school and wider University: otago.ourarchive.ac.nz



Dunedin is New Zealand's "Gigatown", giving fibre optic enabled businesses and residential households access to Australasia's fastest internet with speeds up to 1Gbps.



#### POSTGRADUATE BUSINESS QUALIFICATIONS

Our range of postgraduate business qualifications – from honours degrees, postgraduate diplomas and coursework masters', to research masters' and PhDs – enable you to tailor your study options to suit your own specific educational or professional needs. Some qualifications require a background or undergraduate degree in a particular discipline, whereas others don't. We can assist you to specialise to a high level, undertake professional development, or change careers.

Diploma for Graduates (DipGrad)
Bachelor of Commerce with Honours (BCom(Hons))

Postgraduate Certificate in Executive Management (PGCertEM)

Postgraduate Diploma in Business Administration (PGDipBusAdmin)

Postgraduate Diploma in Commerce (PGDipCom) Postgraduate Diploma in Executive Management (PGDipEM) Master of Business (MBus)

Master of Business Administration (MBA)

Master of Business Data Science (MBusDataSc)

Master of Commerce (MCom)

Master of Economics (MEcon)

Master of Entrepreneurship (MEntr)

Master of Finance (MFinc)

Master of International Business (MIntB)

Master of Marketing (MMart)

Master of Professional Accounting (MProfAcct)

Master of Sustainable Business (MSusBus)

Master of Tourism (MTour)

Doctor of Business Administration (DBA)

Doctor of Commerce (DCom)

Doctor of Philosophy (PhD)

otago.ac.nz/postgrad-business

## Jiali Ma

#### MASTER OF PROFESSIONAL ACCOUNTING



Jiali Ma describes the University's recently introduced Master of Professional Accounting degree as "intense", but a great way to gain knowledge about all aspects of accounting.

"I was the first person to complete the course, which is aimed at graduates from any discipline who want to become professional accountants. It is really good because it covers the core knowledge of practical accounting."

Jiali's experiences working in China underpinned her research into corporate social responsibility (CSR) disclosure relating to labour practices and human rights.

"Employees in China are under seriously high pressure. My research highlights a gap between disclosure in my sample companies' reports and the requirements based on both international standards and Chinese laws. My conclusion is that they should be more transparent."

## Finn Robinson

#### MASTER OF ECONOMICS



"Studying economics is an eye-opening experience," says Master of Economics graduate Finn Robinson.

"It exposes you to many interpretations and explanations of how the world works."

During his studies Finn completed a three-month summer internship at the Reserve Bank of New Zealand where he is now employed as an Economic Analyst in the forecasting team.

"As the GDP and Labour Market analyst I provide shortterm forecasts of these sectors. The team presents its forecasts to the Monetary Policy Committee who uses them to help formulate monetary policy. It's an exciting time to be at the Reserve Bank, with a new governor and Policy Targets Agreement."

## Health Sciences

healthsciences.otago.ac.nz

The University of Otago has an outstanding history and reputation in the field of Health Sciences. It provides research-based undergraduate, postgraduate and professional courses of international standard in health and related sciences.

Disciplines within the University's Division of Health Sciences include Dentistry, Medicine, Medical Laboratory Science, Pharmacy, Physiotherapy, Postgraduate Nursing, Radiation Therapy, Oral Health, Dental Technology and Medical Sciences.

Typically more than 1,200 postgraduates are studying in Health Sciences research fields every year. Our postgraduate courses attract and cater to recent graduates through to established researchers and health professionals seeking to research new horizons.

The Division of Health Sciences offers postgraduate students a wealth of world-class opportunities that are supported by top-class supervisors, and supportive, internationally recognised research environments. Working in some of New Zealand's highest ranked university academic departments, the ratio of high-quality staff to postgraduate students is high, ensuring a challenging and rewarding experience.

#### RESEARCH EXCELLENCE

The Division hosts many significant research collaborations including two National Science Challenges: Ageing Well, and Healthier Lives, and the newly established Genomics Aotearoa – a new national science platform supporting advanced genomics research. Our neuroscience researchers also contribute to Brain Research New Zealand, a nationally recognised Centre of Research Excellence (CoRE).

The Division also houses flagship research centres in oral health, neuroendocrinology, cardiac research, public health, cancer research, diabetes and obesity, infectious diseases and global health.

#### **FUNDING**

Otago's Health Sciences researchers are very successful in gaining research funding from competitive external sources such as the Health Research Council of New Zealand. This means that students have access to excellent resources and facilities.

In addition, many academics in the Division are funded by the Marsden Fund, which is New Zealand's premier source of funding for cutting-edge blue-skies research. This provides the resources for exciting and innovative research opportunities for students.

Funding success is not limited to local sources. Students can be involved in research that has international interest and the Division has been successful in attracting funding from the Bill Gates Foundation and US National Health Institutes, as well as international industry sponsorship.

Funding success guarantees that postgraduate students are involved in highly relevant research areas. This provides the chance to be involved in research that may be both groundbreaking and the basis for a lifelong career.

#### **FACILITIES AND SUPPORT**

Research in the division is under-pinned by a range of cutting-edge facilities, equipment and services, all of which are available for use in postgraduate research projects. Highly trained staff are on hand to assist with all techniques including bioinformatics and biostatistics. We have world-class facilities for imaging, histology, protein science, cell analysis, live imaging, behavioural analysis and motion analysis. We also have facilities for PC2 and 3 containment for plants, animals (including Zebrafish, rodents, amphibians and insects) and microorganisms (including human pathogens).

The Division is also well supported by museum and reference collections including the Anatomy and Pathology museums.

#### PROFESSIONAL DEVELOPMENT

The Dunedin School of Medicine and the University of Otago, Christchurch, and University of Otago, Wellington, have close relationships with their District Health Boards, with the majority of academic staff holding joint clinical appointments. Opportunities also exist for postgraduate training with close ties to health-related businesses such as the food, agriculture, pharmaceutical and medical device industries.

#### WHY CHOOSE HEALTH SCIENCES AT OTAGO?

Outstanding supervisors for postgraduate research projects.

Excellently resourced campuses in Dunedin, Christchurch and Wellington.

Practical skills and professional development opportunities.

Financial support to attend international conferences.

An active and collegial postgraduate community.

Distance learning options.

Welcoming support and services for Māori and Pacific students.

## POSTGRADUATE HEALTH SCIENCES OUALIFICATIONS

#### Dentistry

Postgraduate Diploma in Clinical Dental Technology (PGDipCDTech) Postgraduate Diploma in Clinical Dentistry (PGDipClinDent) Postgraduate Diploma in Community Dentistry (PGDipComDent) Postgraduate Diploma in Dental Technology (PGDipDentTech) Master of Community Dentistry (MComDent) Master of Dental Technology (MDentTech) Master of Dentistry (MDent) Master of Oral Health (MOH) Doctor of Clinical Dentistry (DClinDent) Doctor of Dental Science (DDSc) Doctor of Philosophy (PhD)

Health Sciences Bachelor of Biomedical Sciences with Honours (BBiomedSc(Hons)) Bachelor of Radiation Therapy with Honours (BRT(Hons)) Postgraduate Certificate in Health Sciences (PGCertHealSc) Postgraduate Certificate in Medical Imaging (PGCertMI) Postgraduate Certificate in Medical Technology (PGCertMedTech) Postgraduate Diploma in Bioethics and Health Law (PGDipBHL) Postgraduate Diploma in Health Management (PGDipHealMgt) Postgraduate Diploma in Health Sciences (PGDipHealSc) Postgraduate Diploma in Medical Imaging (PGDipMI)

Postgraduate Diploma in Medical Laboratory Science (PGDipMLSc) Postgraduate Diploma in Medical Technology (PGDipMedTech) Postgraduate Diploma in Sport and Exercise Medicine (PGDipSEM) Master of Bioethics and Health Law (MBHL) Master of Biomedical Sciences

(MBiomedSc)\*
Master of Health Sciences (MHealSc)
Master of Medical Imaging (MMI)
Master of Medical Laboratory Science
(MMLSc)

Master of Nursing Science (MNSc) Doctor of Philosophy (PhD)

\* Subject to approval

#### Medicine

Postgraduate Certificate in Aeromedical Retrieval and Transport (PGCertAeroRT)

Postgraduate Certificate in Civil Aviation Medicine (PGCertCAvMed)

Postgraduate Certificate in Clinician-Performed Ultrasound (PGCertCPU)

Postgraduate Certificate in General Practice (PGCertGP)

Postgraduate Certificate in Musculoskeletal Medicine (PGCertMSM)

Postgraduate Certificate in Occupational Medicine (PGCertOccMed)

Postgraduate Certificate in Primary Health Care (PGCertPHC)

Postgraduate Certificate in Public Health (PGCertPH)

Postgraduate Certificate in Rehabilitation (PGCertRehab) Postgraduate Certificate in Rural and Provincial Hospital Practice

Postgraduate Certificate in Travel Medicine (PGCertTravMed)

(PGCertRPHP)

Postgraduate Certificate in Women's Health (PGCertWHlth)

Postgraduate Diploma in Aeromedical Retrieval and Transport (PGDipAeroRT)

Postgraduate Diploma in Aviation Medicine (PGDipAvMed)

Postgraduate Diploma in Child Health (DCH)

Postgraduate Diploma in General Practice (PGDipGP)

Postgraduate Diploma in Musculoskeletal Medicine (PGDipMSM)

Postgraduate Diploma in Obstetrics and Medical Gynaecology (PGDipOMG)

Postgraduate Diploma in Occupational Medicine (PGDipOccMed)

Postgraduate Diploma in Ophthalmic Basic Sciences (PGDipOphthBS)

Postgraduate Diploma in Primary Health Care (PGDipPHC)

Postgraduate Diploma in Public Health (DPH)

Postgraduate Diploma in Rehabilitation (PGDipRehab)

Postgraduate Diploma in Rural and Provincial Hospital Practice (PGDipRPHP)

Postgraduate Diploma in Surgical Anatomy (PGDipSurgAnat) Postgraduate Diploma in Travel

Medicine (PGDipTravMed)

Master of Aeromedical Retrieval and Transport (MAeroRT)

Master of Aviation Medicine (MAvMed)

Master of General Practice (MGP)

Master of Medical Science (MMedSc)

Master of Occupational Medicine (MOccMed)

Master of Ophthalmology (MOphth) Master of Primary Health Care (MPHC)

Master of Public Health (MPH) Master of Travel Medicine

(MTravMed)

Doctor of Medicine (MD) Doctor of Philosophy (PhD)

#### Pharmacy

Postgraduate Certificate in Pharmacist Prescribing (PGCertPharmPres) Postgraduate Certificate in Pharmacy (PGCertPharm)

Postgraduate Diploma in Clinical Pharmacy (PGDipClinPharm)

Postgraduate Diploma in Pharmacy (PGDipPharm)

Master of Clinical Pharmacy (MClinPharm)

Master of Pharmacy (MPharm) Doctor of Philosophy (PhD)

#### Physiotherapy

Postgraduate Certificate in Physiotherapy (PGCertPhty) Postgraduate Diploma in Physiotherapy (PGDipPhty) Master of Physiotherapy (MPhty) Doctor of Philosophy (PhD)

otago.ac.nz/postgrad-healthsci

## Manisha Morar

POSTGRADUATE DIPLOMA IN PUBLIC HEALTH WITH DISTINCTION (ENDORSED IN EPIDEMIOLOGY)

"Far too often the answers to important questions are right in front of us, but ideological opposition leads us to miss opportunities to make Aotearoa New Zealand a better place. I'd like to change that by sharing what I've learnt in my public health postgraduate studies, and fostering an understanding of the determinants of health and historic sources of inequity in everyone."



## Rajeshni Naidu

MASTER OF CLINICAL PHARMACY

"The University adapted the course to my specific needs so I could research the area where I'm working – paediatrics. While I was studying, I continued to work in Auckland hospital and community pharmacies as well as in Fiji as a volunteer pharmacist at medical camps. Learning by distance enabled me to do my master's, develop my paediatric pharmacy knowledge and advance my career."



## **Humanities**

humanities.otago.ac.nz

The Division of Humanities' reputation for research excellence, its passionate researchers and student support continue to attract postgraduate students to Otago.

The Division offers a comprehensive range of postgraduate options and, in a typical year, has around 500 students enrolled for higher degrees by thesis.

There are also a growing number of students studying towards specialised masters' degrees by coursework.

In the last PBRF quality evaluation the Division of Humanities was recognised as having the largest number of top research departments in arts subjects of any university in New Zealand.

#### RESEARCH EXCELLENCE

The 2012 Performance Based Research Fund (PBRF) quality evaluation confirmed the research strengths of the Division of Humanities at Otago. The following subject areas were ranked either first or second in the country: Anthropology and Archaeology; Education; History, Art History and Classics; Law; Philosophy; Sociology, Gender and Social Work; and Theology and Religious Studies.

The Division also hosts six of the top 12 nominated academic units within the University.

The 2018 QS World University Rankings by Subject showed the following eight Humanities subject areas at Otago to be rated in the top 100 in the world: Anthropology; Archaeology; Development Studies; Education; Geography; Law; Performing Arts and Theology.

In the broader "faculty" categories assessed for the rankings, the Division of Humanities also secures top 100 faculty rankings for social sciences and management and for arts and humanities.

#### RESEARCH CULTURE

The Division's strong research culture offers significant advantages to students. Permanent academic staff in the Division are active researchers and postgraduate students are matched with supervisors who are experts in their field.

With Humanities staff currently involved in research all over the world, students are able to benefit from close collaborative links with an extensive and diverse range of research-intensive universities and institutes. This can

provide opportunities to study abroad, also under expert research supervision.

## RESEARCH CENTRES, THEMES AND CLUSTERS

Humanities researchers are involved in collaborative, multi-disciplinary research with colleagues and institutions within the University, nationally and internationally. Our range of research centres, themes and clusters reflects the strength and diversity of these collaborations.

The Centre for Research on Colonial Culture and the Centre for Sustainability: Agriculture, Food, Energy, Environment, are formally recognised and supported University "flagship" Research Centres; and the Performance of the Real, Poutama Ara Rau and Centre for Global Migrations are University Research Themes.

The National Centre for Peace and Conflict Studies; the Centre for Theology and Public Issues; the Legal Issues Centre; the Centre for Law and Policy in Emerging Technologies; the Children's Issues Centre; the Centre for Distance Education and Learning Technologies; the Centre for Educational Leadership and Administration; the Centre for the Book; and the Centre for Irish and Scottish Studies also add to the Division's rich research culture.

#### **FACILITIES AND SUPPORT**

The Division is committed to providing the support, facilities and resources its postgraduate students need. This includes study space and computing services, and financial support for research-related expenses. All PhD students are provided with financial support to attend a conference of international standing. Scholarships available for international and domestic students are covered on page 14.

In addition to work undertaken in New Zealand, the division also has fieldwork sites throughout the Pacific and all over the world.

#### LIBRARY RESOURCES

The library and gallery resources for Humanities students – both on campus and in the wider Dunedin area – are impressive. The University's Central Library and Robertson Library contain more than 2.8 million items (including print and electronic journals).

Of particular note is the Hocken Collections, one of the foremost historical research libraries in New Zealand.

Dunedin also offers other excellent resources of interest to Humanities students in the Otago Museum, Toitū Otago Settlers Museum, the Dunedin Public Art Gallery and the Dunedin office of Archives New Zealand, all within a short distance of the campus.

## WHY CHOOSE HUMANITIES AT OTAGO?

The Division's PBRF quality evaluation and QS Rankings confirm its excellence in research.

Supervisors are national and international experts in their field.

The Division has close collaborative links with many international universities and institutes.

Students come from all over the world to study Humanities at Otago.

Postgraduate students are offered financial support with research-related expenses.

A strong research culture is prevalent throughout the Division with established research themes, centres, and clusters in areas of particular research strength.

The Division offers fieldwork sites throughout the Pacific and beyond.

There are opportunities for postgraduate students to develop their teaching skills.



#### POSTGRADUATE HUMANITIES QUALIFICATIONS

#### Arts and Music

Bachelor of Arts with Honours (BA(Hons))

Bachelor of Music with Honours (MusB(Hons))

Diploma for Graduates (DipGrad)

Postgraduate Certificate in Children's Issues (PGCertChIs)

Postgraduate Diploma in Arts Subjects (PGDipArts)

Postgraduate Diploma in Child-Centred Practice (PGDipCCP)

Postgraduate Diploma in Music (PGDipMus)

Postgraduate Diploma in Social Welfare (PGDipSW)

Master of Arts (MA)

Master of Fine Arts (MFA)

Master of Indigenous Studies (MIndS)

Master of International Studies (MIntSt)

Master of Music (MMus)

Master of Peace and Conflict Studies (MPCS)

Master of Planning (MPlan)

Master of Politics (MPols)

Master of Social Work (MSW)

Master of Social and Community Work (Applied)

(MSCW(Applied))

Doctor of Literature (LittD)
Doctor of Music (MusD)

Doctor of Musical Arts (DMA)

Doctor of Philosophy (PhD)

#### Education

Diploma for Graduates (DipGrad)

Graduate Diploma in Teaching (GradDipTchg)

Postgraduate Certificate in Education and Learning (PGCertEdLn)\*

Postgraduate Diploma in Education and Learning (PGDipEdLn)\*

Master of Education and Learning (MEdLn)\*

Master of Teaching and Learning (MTchgLn)  $\,$ 

Doctor of Education (EdD)

Doctor of Philosophy (PhD)

\*subject to approval

#### Law

Master of Laws (LLM)

Doctor of Laws (LLD)

Doctor of Philosophy (PhD)

#### **Tertiary Teaching**

Postgraduate Certificate in Higher Education (PGCertHighE) Postgraduate Diploma in Higher Education (PGDipHighE) Master of Higher Education (MHEd)

#### Theology

Bachelor of Theology with Honours (BTheol(Hons))

Postgraduate Certificate in Chaplaincy (PGCertChap)

Postgraduate Diploma in Chaplaincy (PGDipChap)

 $Postgraduate\ Diploma\ in\ Ministry\ (PGDipMin)$ 

 $Postgraduate\ Diploma\ in\ Theology\ (PGDipTheol)$ 

Master of Chaplaincy (MChap)

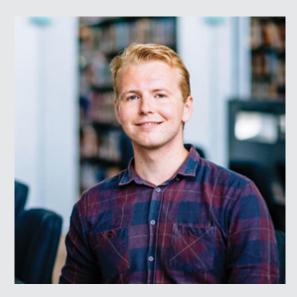
Master of Ministry (MMin)

Master of Theology (MTheol) Doctor of Philosophy (PhD)

otago.ac.nz/postgrad-humanities

## Zachary Swindlehurst

BACHELOR OF ARTS WITH HONOURS (PHILOSOPHY) STUDYING FOR A MASTER OF ARTS



It only took one philosophy paper for Zachary Swindlehurst to become hooked.

"What I love about philosophy is the satisfaction that comes from clarifying a particular problem and its potential solutions. It's all about questioning our most basic assumptions – about the nature of reality, about what we can know, and about our values."

Zachary completed a Bachelor of Arts with Honours before embarking on his Master of Arts, which he says is a logical next step for honours students.

"An MA is a way to conduct advanced, specialised research as an alternative to a PhD. It can also be a way to 'test the waters' and give students good preparation for doctoral studies."

## Frank Gibson

MASTER OF MUSIC WITH DISTINCTION DOCTOR OF MUSICAL ARTS CANDIDATE



World-renowned drummer Frank Gibson has had a vast career that has taken him around the world and seen him play with some of the most well known names in jazz. His friendship with Department of Music's Ian Chapman led him to Otago.

"Having worked at three other universities I was impressed with Otago and undertook my master's here. I was supported exceedingly well and was particularly pleased with the supervision, so decided to complete my DMA."

For this, he explored improvisation across different musical spheres, including jazz, Chinese music, Indian music and western classical music.

"It provided the opportunity to collaborate and, despite my vast experience over many decades, to create something entirely new."

## Sciences

sciences.otago.ac.nz

The Division of Sciences is home to many proven research leaders who, through their passion and capability, have created a thriving research environment across every department and programme; this in turn attracts and inspires postgraduate students drawn to the very best research opportunities.

High calibre science research requires top minds and cutting edge facilities – Otago offers both and the current redevelopment of research laboratories will ensure that our researchers have what they need to push ahead of the curve in many fields of scientific endeavour.

In the Division of Sciences research is further enhanced by continued success in securing major contestable and commercial funding, and by international partnerships.

#### RESEARCH EXCELLENCE

The Division of Sciences includes many departments and centres world-renowned for the quality – and impact – of their research. The Dunedin Multidisciplinary Health and Development Research Unit (or Dunedin Study) is now in its fifth decade and has recently been awarded New Zealand's most valuable science honour, the Prime Minister's Science Prize. The School of Physical Education, Sport and Exercise Sciences has been ranked 12th in the QS World University Rankings; and the Department of

Psychology gained the highest score of any academic department in New Zealand in the most recent PBRF evaluation. That commitment to excellence is paralleled across the division. And, while top researchers with novel concepts are the stars, postgraduate students are the engine room of research, developing their own components of a greater whole.

The Division is also the proud host of two national centres of research excellence (CoREs): the Dodd-Walls Centre for Photonic and Quantum Technologies and the Brain Research New Zealand Rangahau Roro Aotearoa (co-hosted with the University of Auckland).

#### **FACILITIES AND SUPPORT**

Otago regards the pursuit of student research in a friendly, supportive environment as a priority and is proud of its first-rate teaching, learning, and supervision, and wide-ranging research expertise. Interdisciplinary research themes and research centres generate novel research topics, recognising the

cutting-edge science that happens at the interface between disciplines. Research centres and themes focus on brain health and disease; memory, cognition and emotion; human development across the lifecourse; Māori physical education and health; the profitability and sustainability of New Zealand's primary industries; quantum science; polar environments; ocean acidification; catchment management; and energy, with strong affiliations to research in other areas of the University. Applied research centres in several departments further strengthen and diversify the range of research within the division.

The diverse catalogue of postgraduate qualifications on offer in the Division of Sciences leads to an abundance of job options that includes all types of education, technical and research positions in the private and public sectors, executive management, and the most entrepreneurial careers in business. Otago postgraduate science degrees are recognised around the world as being of the highest standing, with the result that our graduates hold senior positions in all spheres of life.

#### WHY CHOOSE SCIENCES AT OTAGO?



A high percentage of the Division's staff are undertaking research of world-class or national significance.

Interdisciplinary research themes and centres offer many novel research opportunities.



Otago's science qualifications are recognised internationally.

#### Outstanding resources including:

- Multiple research vessels to suit a range of fieldwork
- Research stations on Stewart Island and in Deep Cove, Doubtful Sound, Fiordland
- The Community Trust Trace Element Analysis lab and the Isotopic Trace Element research lab
- NMR and Single Crystal X-ray diffractometers (Chemistry)
- State of the art Laser labs (Chemistry)
- Paleomagnetic research facility (Geology)
- XRD (X-ray diffraction), FEGSEM (Field Emission Gun Scanning Electron Microscopy) and GEOTEK core logging facilities
- Brain Health Research Centre
- Sensory Science Research Centre
- Portobello Marine Laboratory
- Otago Herbarium
- Clothing and Textile Centre
- Centre for Science Communication
- Dodd-Walls Centre for Quantum Technology and Photonics
- Brain Research New Zealand (Rangahau Roro Aotearoa) Centre for Research Excellence
- Dunedin Multidisciplinary Health and Development Study (Dunedin Study)
- National Centre for Lifecourse Research



#### POSTGRADUATE SCIENCE QUALIFICATIONS

#### Physical Education\*

Postgraduate Diploma in Outdoor Education (PGDipOE) Postgraduate Diploma in Physical Education (PGDipPE) Master of Physical Education (MPhEd) Doctor of Philosophy (PhD)

\*The School of Physical Education, Sport & Exercise Sciences is currently reviewing its postgraduate programmes. For the latest information please email: physical-education@otago.ac.nz

#### Science

Bachelor of Applied Science with Honours (BAppSc(Hons))
Bachelor of Science with Honours (BSc(Hons))
Postgraduate Certificate in Applied Science (PGCertAppSc)
Postgraduate Certificate in Science Communication
(PGCertSciComm)

Postgraduate Diploma in Applied Science (PGDipAppSc) Postgraduate Diploma in Applied Statistics (PGDipApStat) Postgraduate Diploma in Clinical Psychology (PGDipClPs) Postgraduate Diploma in Science (PGDipSci) Postgraduate Diploma in Science Communication (PGDipSciComm)

Postgraduate Diploma in Wildlife Management (PGDipWLM)

Master of Applied Science (MAppSc)

Master of Dietetics (MDiet)

Master of Science (MSc)

 $Master\ of\ Science\ Communication\ (MSciComm)$ 

Master of Wildlife Management (MWLM)

Doctor of Philosophy (PhD)

Doctor of Science (DSc)

#### Surveying

Bachelor of Surveying with Honours (BSurv(Hons)) Master of Surveying (MSurv) Doctor of Philosophy (PhD)

otago.ac.nz/postgrad-sciences

## Tom Ritchie

MASTER OF SCIENCE (GEOLOGY)



After completing his Bachelor of Science in Geology, Tom Ritchie spent several years working in the industry before returning to master's studies at Otago.

These real-world experiences led to a greater understanding of the theoretical and practical knowledge relevant to the minerals industry.

"My master's research was on garnet mineral sands on the South Island's West Coast. I characterised the physical and geochemical variation of garnet from Haast to Westport.

"These properties affect garnet's suitability and value as an abrasive and are relevant when determining the economic potential of a given deposit. The company I now work for is actively exploring for garnet mineral sands on the West Coast."

## Weiwei Zhang

DOCTOR OF PHILOSOPHY (PSYCHOLOGY)



PhD graduate and postdoctoral researcher Weiwei Zhang was recently recognised by the Chinese Government with an award for her outstanding academic performance.

Having completed a master's in China, she chose Otago for her PhD research into false memories.

"I was keen to pursue my PhD overseas, especially in an English-speaking country.

"I considered three aspects when choosing the university: whether there is a teacher researching memory (false memory in particular); whether psychology is a strong discipline at that university; and whether the people are nice and friendly, and the place is peaceful and safe.

"Otago absolutely meets all of these points."





#### MATARIKI NETWORK

The University of Otago is a foundation member of the Matariki Network of Universities (MNU), a select international group of outstanding universities, with each member among the oldest and foremost places of learning in its respective country. The MNU has been established to enable the universities to enhance diversity, and to share ideas and expertise, recognising a shared commitment to excellence in research, scholarship and rounded education.

matarikinetwork.com

This publication is intended as a general guide for postgraduate students.

The information provided is, as far as possible, up to date and accurate at the time of publication. The University reserves the right to add, amend or withdraw programmes and facilities, to restrict student numbers and to make any other alterations as it may deem necessary. The regulations of the University of Otago are published annually in the University Calendar.

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### POSTGRADUATE



otago.ac.nz university@otago.ac.nz 0800 80 80 98