Welcome to Otago’s Distance Learning Programme

The University of Otago has over 120 programmes available for you to study by distance. With our emphasis on providing distance programmes in areas where we have specialist knowledge and expertise, it isn’t surprising to find that a majority of programmes focus on aspects of the Health Sciences. However, we also have a number of programmes in the Sciences, Business and Humanities fields, in areas of particular expertise such as Clothing and Textile Sciences, Indigenous Studies, Theology and Religion, and Social Work.

Our distance papers are taught by people who are wonderfully knowledgeable about, and interested in, the subjects they teach. Not surprisingly, given Otago’s research strength, they are also excellent and highly committed researchers. Another strength is the support that comes from the administrative staff who underpin the workings of each paper. These people are pivotal in ensuring that the papers run smoothly. It’s not all about us though. Many of you will be studying because you want to update your professional knowledge or advance your career. Others will be studying out of interest or to satisfy a sense of curiosity about a particular topic.

Whatever your motivation, our aim is to provide you with a great Otago learning experience and to help you attain the goals you have set for yourself in your course of study.

Best wishes for your study this year.

Professor Harlene Hayne
Vice-Chancellor

Dr Sarah Stein
Director, Distance Learning

Welcome

Founded in 1869, the University of Otago is New Zealand’s oldest university with an international reputation for excellence in teaching and research. We also have a long tradition of distance learning in fields where the University has specialist knowledge and expertise. From the very beginning, Otago professors worked hard to make our world-class education available to all. In the 1880s, James Gow Black, the Foundation professor of Chemistry, would regularly tour the goldfields of Central Otago to teach and give scientific demonstrations in those distant communities.

Fast forward to the 21st century, and the University now delivers a large number of courses by distance in the Humanities, Sciences, Business and Health Sciences. Our courses are comprehensive, known for their rigour and relevance to the modern world. They are also highly accessible: the latest technologies support students’ learning.

All students who are enrolled at Otago, whether at any of the University’s regional hubs, or through distance courses, can expect access to up-to-the minute knowledge, guided by world-renowned experts and delivered through sophisticated learning technologies. Otago graduates are in high demand – both within New Zealand and internationally.

As an international university grounded in the South Island community, Otago welcomes enrolments from throughout the Australasian and Pacific regions and extends this welcome to those from all parts of the world. I warmly invite you to join our University by enrolling in one of our distance learning programmes.

Nau mai, Haere mai.

Dr Sarah Stein
Director, Distance Learning

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While all reasonable efforts have been made to ensure that the information contained herein is correct at the time of publishing, matters covered by this publication are subject to change. The University reserves the right to introduce such changes, including addition, withdrawal or restructuring of papers and programmes. As it may judge to be necessary or desirable. The introduction of some papers and programmes in 2016 is subject to final academic and resource approval. The detailed regulations of the University concerning programme requirements and other matters are published in the University of Otago Calendar.

Papers marked with this icon can be studied by students residing overseas AND have no requirement to attend any course component in New Zealand.

![Professor Harlene Hayne](image1.png)

![Dr Sarah Stein](image2.png)
Distance Education

The University of Otago’s distance learning programmes enable you to update your qualifications wherever you live. Distance study enables you to connect with the best minds without leaving your home or workplace. While the University’s outstanding reputation for excellence in research attracts a diverse range of learners, a large number of distance students are involved in postgraduate study, working to advance their careers or keep abreast of the latest developments in their field.

Unique Programme

Distance study at the University of Otago is focused on those areas in which the University has specific expertise. You will see many Health Sciences papers, reflective of Otago’s reputation for excellence in medicine and related health sciences fields. The full range of papers and programmes draws on established strengths in responding to identified needs within the widespread communities we serve.

Flexible and Personal

Students value distance education for the flexibility it offers. Most learning occurs in your space, in your time. The emphasis is on understanding you as a learner and supporting your engagement within the course.

Lifelong Learning

Learning never stops. The University’s excellence in research signals its commitment to understanding more about the world around us. In the same way, the distance programme provides opportunities for lifelong learning, to build on current qualifications, and to stay up to date in their own areas of expertise.

Professional or Personal Interest

University of Otago distance students are a diverse group. Many are professionals who are studying to enhance their qualifications. For them, the interplay of work and study forms an important part of enriching their understanding of what they are learning. Others are studying for personal interest, drawing on the rich, research-informed teaching expertise that Otago staff bring to their interactions with students. For both groups, Otago study means excellence.

Getting Started

Choosing the right paper to study is sometimes difficult. This Prospectus describes the papers available and tells you who to contact for advice about your academic programme and the way in which your paper or course may be organised. It is strongly recommended that you consult a course adviser before selecting your papers. With that advice you can enrol with confidence.

An Information and Support Booklet contains useful information about the services the University provides for you while you study. It also gives advice about how you can make your study an enjoyable and successful experience. This booklet is available online at distance.otago.ac.nz

Learning with Otago

Once you’re enrolled you’ll have access to course materials and resources, and to a range of ways of communicating with your lecturers and interacting with your fellow students. In effect, you’ll be able to create a learning space for yourself.

COURSE MATERIAL

You’ll receive information about how the course will be run, along with details of study modules and assessments and required readings. In many papers, course material is accessed electronically through the internet or via CD-ROM or DVD.

INTERACTION WITH OTHERS

Distance learning provides you with considerable control over your time spent studying. At Otago we also recognise that learning on your own all the time isn’t always the best way to develop your understanding of the topics you’re studying.

Interactions with your lecturers and your fellow students give opportunities to broaden your perspectives and develop critical, analytical, and problem-solving skills. Connection with other people who share your enthusiasm for the subject you’re studying enables your self-directed study and links you to a broader community of enquiry. You’ll be creating a learning space for yourself where you might be:

• talking with your lecturers and other students in real time to get immediate feedback on ideas
• discussing ideas online, over time, allowing you to consider evolving perspectives in a time-flexible manner
• studying independently, accessing digital and hardcopy resources designed to help focus your study
• engaging independently with lecturers as they present core teaching material for your course of study

Your study may involve some or all of the following:

Going Online

The opportunity to access course materials and library resources online and to interact with lecturers and fellow students via the internet will considerably enhance your study. Most courses require access to both the internet and email.

Audio or Web-conference Sessions

Audio or web-conference teaching promotes and strongly emphasises participatory study. Sessions are a combination of lecture and tutorial and can easily involve a range of experts from throughout New Zealand or other parts of the world.

Residential Schools/Workshops

Some programmes require you to attend residential schools on campus in New Zealand, although not necessarily for all papers. These schools vary in length from a day to a week and may be held in Auckland, Christchurch, Dunedin or Wellington, or at various other locations throughout New Zealand.

Papers that do not require attendance at any course component in New Zealand are indicated with an icon.

Supporting Learners

The University supports distance students in a number of ways:

STUDY SUPPORT

There is a wealth of information for students available on the University’s distance learning website, at distance.learning.otago.ac.nz including tips for successful study; managing university communications; accessing online resources; and web links for help with assignments such as finding and referencing information; academic writing; changing your course; and examinations.

UNIVERSITY OF OTAGO LIBRARY

library.otago.ac.nz

The University of Otago has a world-class library aimed at supporting staff and students engaged in teaching, learning, study, and research. Increasingly, library resources are available online as e-journals and e-books and can be accessed anywhere, anytime. These are particularly useful for people studying at a distance. The Library employs Subject Librarians who can assist you in your area of study. Find their contact details at otago.libguides.com/Distance under the “Subject Librarians” tab. On this page you will also find a link to Subject guides, which provide valuable information about getting started in your subject area: otago.libguides.com/browse.php

DISTANCE STUDENTS

distance.otago.ac.nz/Distance

This website has been developed specifically for distance students and has a section outlining the services offered by the Distance Library Service (DLS). Any student enrolled in a University of Otago distance course or paper is eligible to use this service. Students can request research support, plus advice and help in accessing library resources by contacting the DLS. Through the DLS you can also ask to have books, journal articles, and copies of chapters sent to you at no charge. A guide to the Distance Library Service is incorporated in the Information and Support Booklet which is provided to all enrolled distance learning students.

Email
distance.library@otago.ac.nz

tel 0800 347 826 (0800 DISTANT) within New Zealand
tel 03 479 8940

DISABLED 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 special equipment, quiet study rooms, note-taking, subject tutoring, reformating of course materials, and alternative test and examination arrangements. Our Student Advisors are available to discuss each student’s requirements and work collaboratively to put together a support plan.

tel 0800 80 80 98 (New Zealand only) or 03 479 8235

Email disabilities@otago.ac.nz

Fax 03 479 5873

Web otago.ac.nz/disabilities

TEACHING AND COUNSELLING SUPPORT

As a distance student you are encouraged to keep in regular contact with the staff responsible for providing your course. Coursebooks and the Distance Learning Information and Support Booklet provide names and addresses of staff to contact should you have concerns about any aspect of your study.
Enrolment and Fees

Enrolment

As a first step, if you are intending to take any distance learning papers, you are encouraged to contact the department or departments concerned to check on your eligibility to take your planned course.

Every distance learning student must complete enrolment for study online for every year in which papers are being taken. This is in addition to any correspondence with teaching departments.

For detailed information about the enrolment process for distance learning students, we have developed a helpful step-by-step guide: enrolment.otago.ac.nz

To enrol at the University of Otago you must hold a University Entrance qualification and be admitted to a programme of study. Enrolment in some papers may be subject to additional approval.

UNIVERSITY ENTRANCE

Every student must be aged 16 or over by the first day of formal classes in his or her course and:

• have obtained a university entrance qualification from the New Zealand school system (NCEA Level 3 passes or earlier New Zealand qualifications), or

• be granted admission ad eundem statum (i.e. “at an equivalent level”) at entrance level (normally on the basis of overseas school qualifications) or on the basis of tertiary-level passes (for students with passes, but not a completed degree from an overseas university or a non-university tertiary institution in New Zealand), or at graduate level (for students who have completed a degree or equivalent qualification at an overseas university or a non-university tertiary institution in New Zealand), or

• be granted discretionary entrance (for domestic students under 20 years of age applying on the basis of NCEA Level 2 results or equivalent), or

• be granted special admission (for domestic students aged 20 years or over, who do not otherwise qualify for admission).

A student who has previously been admitted to another New Zealand university can normally transfer their entrance qualification from that university to the University of Otago.

A university entrance qualification is essential for admission to the University. However, most programmes have higher requirements, and not all students with a university entrance qualification will necessarily be admitted.

Students applying for admission to the University must also be competent in the use and understanding of written and spoken English and may be required to provide evidence of proficiency in English as part of the application process.

All students are classified as either domestic or international students. Domestic students are those who are New Zealand citizens (including citizens of the Cook Islands, Tokelau and Niue), permanent residents of New Zealand or Australia who are resident and studying in New Zealand, or Australian citizens resident and studying in New Zealand. All other students are international students (see next page for additional information).

International students (including New Zealand permanent residents studying outside New Zealand and Australian citizens and permanent residents studying outside New Zealand) will normally be charged international fees.

The ENROLMENT PROCESS

Information on the enrolment process at Otago is available online at enrolment.otago.ac.nz or in the Guide to Enrolment (available on request), or from our step-by-step guide to enrolment for distance learning students at enrolment.otago.ac.nz/courses/distance_study/otago090601.html

You can apply online at the University’s website enrolment.otago.ac.nz. Applications should be submitted by the due dates. Later applications may be accepted if facilities for tuition remain available, but you may be liable for an additional fee.

The due date for the submission of your application depends on the type of programme you are applying for. See enrolment.otago.ac.nz for the applicable dates.

Enrolment must be completed by all students via eVision and consists of three steps:

• Annual Details
• Paper Selection
• Course Approval and Declaration

Payment of fees must be arranged by:

• 15 January (for Summer School papers), or
• 10 February (for courses beginning in the first semester), or
• 10 July (for courses beginning in the second semester).

Fee invoices will be available via your eVision portal once you have completed the enrolment process. Penalty fees will be imposed where full payment is not received by the due date on your tuition fee invoice.

Further information

University Information Centre,
University of Otago
PO Box 56, Dunedin 9054
New Zealand
Tel 0800 80 80 98 within New Zealand
1800 468 246 Australian freephone
03 479 7000 from overseas
Email university@otago.ac.nz
Web ask.otago.ac.nz
INTERNATIONAL STUDENTS

All international students enrolling with the University for the first time must apply for admission using the standard online application form available on the University website at otago.ac.nz

Full information about admission requirements and the application process is on the website at otago.ac.nz/international

For those whose first language is not English, evidence of English language proficiency may be required.

An independent credentials evaluation may be required for students holding qualifications from certain countries.

International students studying in New Zealand must meet immigration requirements and have appropriate student visas or variations to work visas for each period of study and must also comply with New Zealand Government requirements for comprehensive medical and travel insurance. (In general, international students are not eligible for a student visa to study distance papers.)

Further information

International Office
University of Otago
PO Box 56, Dunedin 9054
New Zealand
Tel 03 479 9006
Fax 64 3 479 9035
Email student.admissions@otago.ac.nz

If you need to change your course in any way (adding, deleting or withdrawing from papers) after you have completed the enrolment process, you should contact the University Information Centre to arrange to have the change formally recorded. See otago.ac.nz/changingyourcourse for the latest information about changing your course.

Papers can be added until 5pm on:
- 18 January (for Summer School papers),
- 4 March (for first semester and full-year papers) and
- 15 July (for second semester papers).

If you delete a paper by:
- 18 January (Summer School papers),
- 4 March (first semester papers) or
- 29 July (papers beginning in the second semester)

the paper will be deleted from your official academic record and tuition fees will be refunded (some conditions apply).

Withdrawals are possible until 8 February (Summer School papers), 29 July (papers beginning in the second semester) or 18 January (for Summer School papers) or 6 May (papers beginning in the first semester) or 16 September (full year papers and papers beginning in the second semester), but the paper will remain on your academic record (marked “Withdrawn”) and liability for payment of fees remains unless there are exceptional circumstances beyond your control (e.g., medical reasons) which have compelled you to withdraw.

Later withdrawals cannot normally be recorded unless there are exceptional circumstances.

Fees

Summer School 15 January
Study beginning in first semester 10 February
Second semester 10 July
Tuition fees for 2016 will not be finalised until November 2015.

Once set, tuition fee information for distance papers will be available on the University’s website at distance.otago.ac.nz

Further information

Revenue Management Office
University of Otago
PO Box 56, Dunedin 9054
New Zealand
Tel 03 479 9006
Fax 64 3 479 9035
Email student.finances@otago.ac.nz

Full information about admission requirements and the application form available on the University website at otago.ac.nz/study/admissionrequirements/entryrequirements

After Enrolment

Full information about the enrolment process, you should contact the University Information Centre to arrange to have the change formally recorded. See otago.ac.nz/changingyourcourse for the latest information about changing your course.

Papers can be added until 5pm on:
- 18 January (for Summer School papers),
- 4 March (for first semester and full-year papers) and
- 15 July (for second semester papers).

If you delete a paper by:
- 18 January (Summer School papers),
- 4 March (first semester papers) or
- 29 July (papers beginning in the second semester)

the paper will be deleted from your official academic record and tuition fees will be refunded (some conditions apply).

Withdrawals are possible until 8 February (Summer School papers), 29 July (papers beginning in the second semester) or 18 January (for Summer School papers) or 6 May (papers beginning in the first semester) or 16 September (full year papers and papers beginning in the second semester), but the paper will remain on your academic record (marked “Withdrawn”) and liability for payment of fees remains unless there are exceptional circumstances beyond your control (e.g., medical reasons) which have compelled you to withdraw.

Later withdrawals cannot normally be recorded unless there are exceptional circumstances.
Taiawhio Raihania Waititi
Master of Indigenous Studies

For Taiawhio Raihania Waititi, working towards an Otago Master of Indigenous Studies degree combines his past, his present and his future. A Senior Business Advisor with the Māori Land Court, at the Ministry of Justice in Wellington, Taiawhio’s research focuses on the history of Māori land that has been in his family for more than 100 years, while building his skills and improving his future marketability.

Taiawhio, of Te Whānau a Apanui, Ngāti Awa descent, was born in Southland and grew up in Mataura, a long way from his whānau in the Bay of Plenty and the East Coast. After finishing his Bachelor of Science degree in computer science, and a Diploma for Graduates in information science, he started his career working for the Ministry of Justice in Rotorua.

It was while working with the Ministry that he began to reconnect with his whānau and to research the Māori land interests held by them in the Te Kaha area. Taiawhio laughs that he started a master’s degree at Otago “because I was told to” by a former fellow student and mentor, now Otago lecturer, Dr Paraua Warwick.

But what really sold it was the ability to do it by distance, and the fact the structure of the degree meant he could integrate it into his busy work life in Wellington, and that he could work closely with his supervisor to customise the programme to fit his interests.

“I wasn’t really sure that I had anything to research, but Paraua showed me I already had the project – I just needed a different way of looking at it.”

Taiawhio is a trustee of the Te Kaha 15B Ahu Whenua Trust, which is a joint venture partner in a million dollar kiwifruit operation in Te Kaha – his research is looking at the choices the owners and trustees have made over the past 50 years and the social, political and economic conditions that drove those decisions.

“As an owner and a trustee I am always asking myself how did we get to where we are now, what do we want to do now that we’re here, and where are we going in the future? I want to be able to let future generations know the journey we have taken.”

Taiawhio hopes the degree will also provide opportunities for himself in the future.

“This degree is also about widening my experience, making me more well-rounded and more employable.”

Qualifications

Postgraduate Certificate in Children’s Issues (PGCertChIs)
Postgraduate Diploma in Child-Centred Practice (PGDipCCP)

Programmes of Study

Postgraduate Certificate in Children’s Issues (PGCertChIs)
The Postgraduate Certificate in Children’s Issues (PGCertChIs) comprises two compulsory papers, CHIC 401 Understanding Children and Childhood: Theory into Practice, and CHIC 402 Promoting Children’s Participation and Protection.

These interdisciplinary postgraduate papers are intended to meet the needs of a diverse group of professionals who work with children, young people and their families/whānau in such fields as social work, education, justice, law, health, psychology, family support, and community development, and who have an interest in studying current research, policy and practice issues which affect the development, well-being, and rights of children and young people. The courses are also an option for internal postgraduate students at the University of Otago studying in relevant disciplines.

Applicants for CHIC 401 and/or CHIC 402 must be graduates or possess an appropriate professional qualification requiring at least three years of full-time tertiary study, or have alternative qualifications or experience related to Childhood Studies that are acceptable to the Pro-Vice-Chancellor (Humanities).

Postgraduate Diploma in Child-Centred Practice (PGDipCCP)
The Postgraduate Diploma in Child-Centred Practice (PGDipCCP) (120 points) comprises two compulsory papers: CHIC 401 Understanding Children and Childhood: Theory into Practice, and CHIC 402 Promoting Children’s Participation and Protection; and two optional papers, drawn from the following distance-taught papers when available: CHIC 407 Child-Centred Practice, CHIC 480 Research Study, SOWK 520 Social Services Research and Evaluation, and CHHE 701 Community Child Health; or one substituted optional paper (30 points), with the approval of the Director of the Postgraduate Diploma programme, drawn from existing University of Otago papers.

The following papers are offered in 2016:

CHIC 401 Understanding Children and Childhood: Theory into Practice

30 points (first semester)

A critical examination of historical and demographic trends, contemporary theoretical explanations of child development and well-being, and the practice framework of primary, secondary and tertiary levels of intervention with children/families/whānau. This paper has a compulsory 5-day block course in Dunedin in April.

Restrictions: CHIC 402, CHHE 403

SOWK 520 Social Services Research and Evaluation

30 points (first semester)

Knowledge and skills in practice research and evaluation as methods of research appropriate for social service practitioners.

Restriction: SOWK 520

Limited to: PGDipSW, MSW, PGDipCCP

Note: Admission subject to approval from Head of the Department of Sociology, Gender and Social Work.

CHHE 701 Community Child Health

30 points (each semester)

Community aspects of child health and child health services.

Restriction: CHHE 701

Limited to: DCHL, MHealSc, PGDipHealSc
CHIC 402 Promoting Children’s Participation and Protection
30 points (second semester)
Focuses on the inter-relation between research, policy and practice, and critically examines the challenges faced by children/families/whānau when family transitions or abuse/violence occur. Considers how services and practitioners can effectively respond. This paper has a compulsory 5-day block course in Dunedin in August. Restrictions: CHIX 404, 407

CHIC 407 Child-Centred Practice
30 points (second semester)
This paper provides an inter-disciplinary perspective on child-centred practice. It is designed for professionals in education, health, law, social work and related disciplines who work with children, young people and their families. This paper has a compulsory 5-day block course in Dunedin.
Prerequisite: CHIC 401 or CHIX 401

CHIC 480 Research Study
30 points (second semester)
Admission requires approval from the Director of the Children’s Issues Centre.
Further information
Joceilyn Diedrichs
Administrator
Children’s Issues Centre
University of Otago
PO Box 56, Dunedin 9054
Tel 03 479 5038
Email cic@otago.ac.nz
Web otago.ac.nz/cic

Chinese Programme
The following papers are offered in 2016:

CHIN 242 and CHIN 342 Survey of Chinese Cinema
18 points (first semester)
A survey of modern Chinese cinema with emphasis on the development of the Chinese film industry, major Chinese film genres, social implications of films and Chinese culture reflected through films. The paper will be taught in English. All films are English subtitled.
Prerequisite for CHIN 242: 36 points
Restrictions for CHIN 242: CHIN 342, CHSX 242, 342
Prerequisite for CHIN 342: 18 200-level CHIN points
Restrictions for CHIN 342: CHIN 242, CHSX 242,342

Further information
Dr Paolo Voci
Chinese Programme
Department of Languages and Cultures
University of Otago
PO Box 56, Dunedin 9054
Tel 03 479 9032
Email languages@otago.ac.nz
Web otago.ac.nz/languagescultures/programmes/chinese

Education
The University of Otago College of Education offers internet-based postgraduate papers ideal for practising teachers looking to upgrade or extend their existing qualifications, and for other graduate professionals with an interest in education.

QUALIFICATIONS
Postgraduate Diploma in Arts Subjects (PGDipArts) in Education
Master of Arts (MA) in Education
Master of Education (MEd)
Postgraduate Certificate in Teaching (PGCertTeach)
Postgraduate Diploma in Teaching (PGDipTeach)
Doctor of Education (EdD)

PROFESSIONAL QUALIFICATIONS
In addition to the Postgraduate Diploma in Arts Subjects (PGDipArts), the degrees of Master of Education (MEd) and Master of Arts (MA), three professional qualifications are available: the Postgraduate Certificate in Teaching (PGCertTeach), the Postgraduate Diploma in Teaching (PGDipTeach), and the Master of Teaching degree (MTeach).

Admission requirements for the professional programmes include experience of working in a relevant field of education and evidence of ability for advanced academic study. The Doctor of Education degree (EdD) is designed with an explicitly professional orientation as an alternative to the PhD.

The internet is the main delivery system. Students will require access to an internet-connected computer. Previous computing experience is not required. All papers are internally assessed. There are no final examinations.

Please note that not all papers may be offered in any one year.

For the most up-to-date information on paper availability visit the University of Otago College of Education website: otago.ac.nz/education

PROGRAMMES OF STUDY
Postgraduate Diploma in Arts Subjects in Education (PGDipArts)
EDUC 407, 480, and 60 further 400-level EDUC points
Master of Arts (MA)
The MA in Education can be completed in either one (if students already have a relevant postgraduate qualification) or two years of full-time study. The first year comprises completion of a 120 point thesis.
Master of Education (MEd)
For students with a BA majoring in Education, BEd, RTchg or BED(Tchg): EDUC 407, 480, 580, and 120 further 400-level EDUC points.
For students with a BA(Hons), PGDipArts, or PGDipTeach: EDUC 407, 580, and 40 further 400-level EDUC points.
Postgraduate Certificate in Teaching (PGCertTeach)
EDUC 423 and 40 further 400-level EDUC points (in ICT papers)
Postgraduate Diploma in Teaching (PGDipTeach)
EDUC 440 or 443, 441 and 80 further 400-level EDUC points

Master of Teaching (MTeach)
EDUC 423 or 440, 441, 590 and 80 further 400-level EDUC points

Doctor of Education (EdD)
The Doctor of Education (EdD) is a doctoral programme developed for educational professionals, which takes 6–8 years of part-time study. The programme of study includes a year of half-time coursework (running July-June) followed by the completion and presentation of a research proposal over the next 6–9 months. Once this is approved, students move to the thesis stage of the research. During this stage they will conduct a research study, and write up the results. As they do this they will also complete a research to practice portfolio, highlighting the impact of their EdD experiences on their practice.

The following papers are offered in 2016:

EDUC 317 Information and Communication Technology in Education
18 points (first semester)
Introduction to the use of information and communication technology in educational contexts. Pertinent theoretical, practical and curricular issues will be examined. Previous computing experience is not required. The Internet is used as the delivery system.
Prerequisite: 18 200-level EDUC points
Restrictions: EDUC 435, 317 EDUC 435

EDUC 407 Researching Educational Issues
20 points (full year)
Study of the theory, philosophy and practice of research in education, including a critical analysis of selected quantitative and qualitative methodologies and of historical, philosophical and Māori preferred approaches to disciplined inquiry in education.
Prerequisite: 54 300-level EDUC or EDUC points
Restrictions: EDUC 351, 407, EDUC 351

EDUC 423 Technology-enhanced Learning
20 points (full year)
Introduces various theoretical perspectives on the use of technology to enhance teaching and learning and discusses the practical issues resulting from this. Issues on knowledge construction and creation, and the culture of change, are also considered.
Prerequisite: 54 300-level EDUC or EDUC points
Restriction: EDUC 423

EDUC 428 Special Topic: Becoming a Research-capable Teacher
40 points (full year)
Students will explore research issues, literature and methods. They will engage with researchable problems in an educational setting such as a school or cultural institution.
Prerequisite: 54 300-level EDUC or EDUC points
Restriction: EDUC 428

EDUC 429 Special Topic: Digital Technologies and Knowledge Building
20 points (first semester)
Investigates the question of why educators should be concerned about societal inequalities.
Prerequisite: 54 300-level EDUC or EDUC points
Restriction: EDUC 442

EDUC 435 Introduction to Internet-based Learning
20 points (second semester)
The Internet is now an integral part of our everyday lives, as well as our education system. In this paper you will learn more about how to make best use of the internet to support, enhance, and deliver education to your students, and how to use it for your own professional development.
Prerequisite: 54 300-level EDUC or EDUC points
Restrictions: EDUC 317 and EDUC 317

EDUC 440 Critical Analysis of Teaching
20 points (full year)
A critical examination of existing knowledge about effective teaching, reviewing a wide variety of models, case studies and research findings. This paper uses print-based material, video clips, and the internet as the principal delivery systems.
Prerequisite: 54 300-level EDUC or EDUC points
Restriction: EDUC 440

EDUC 441 Researching Personal Teaching Practice
20 points (full year)
Introduction to disciplined inquiry into personal teaching practice utilising a range of research methodologies. Students plan a differentiated, investigative inquiry into their teaching practices.
Restriction: EDUC 441

EDUC 451 Inclusive Education
20 points (full year)
Inclusive education from the perspectives of children with special needs and those who support them throughout the education system.
Prerequisite: 54 300-level EDUC or EDUC points
Restriction: EDUC 451

EDUC 453 Exercising Professional Leadership
20 points (full year)
Examination of a range of contemporary issues which impact on effective educational leadership. This paper is not confined to teachers and leaders from primary and secondary schools. Participants from the early childhood sector and from tertiary institutions have also enjoyed success in this paper.
Prerequisite: 54 300-level EDUC or EDUC points
Restriction: EDUC 453

EDUC 459 Equality, Diversity and Education
20 points (full year)
Investigates theories of equality and applies them to poverty, gender, ethnicity, culture and ability. Critically addresses the question of why educators should be concerned about societal inequalities.
Prerequisite: 54 300-level EDUC or EDUC points
Restriction: EDUC 442

EDUC 462 Mentoring Teachers
20 points (first semester)
Critical examination of mentoring practice related to professional growth of teachers at all levels. This paper is intended to provide you with a structured opportunity to critically reflect on, and develop your understandings of mentoring, through engagement with your practice and the literature.
Prerequisite: 54 300-level EDUC or EDUC points
Restriction: EDUC 462
Further information:
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Māori, Pacific and Indigenous Studies
Te Tumu, the School of Māori, Pacific and Indigenous Studies, offers the degree of Master of Indigenous Studies by distance learning.

QUALIFICATION
Master of Indigenous Studies (MIndS)

PROGRAMME OF STUDY
Master of Indigenous Studies (MIndS)
The programme of study consists of EITHER a research thesis (INGS 5) OR a core paper (INGS 501), and a research paper (INGS 598) and two approved elective papers at 400-level.
The following papers are offered in 2016:

INGS 501 Indigenous Theory and Method
20 points (first semester)
Introduces key theory and method questions for Indigenous Studies, focusing on the central challenge of defining “Indigenous”.
Restriction: INGS 501

INGS 590 Research Report
60 points (full year)
A supervised research project of no more than 18,000 words (excluding notes, appendices, bibliography) on an approved topic.
Restriction: INGS 590

INGS 510 Special Topic – Contemporary Indigenous Issues
20 points (second semester)
A critical analysis of the inter-relationships between language, knowledge, culture and power in education in the struggle of indigenous peoples for self-determination, with a focus on empowering communities.
Prerequisites: Two 300-level MAOR, PACI, INDV or EDUC papers
Note: May not be credited together with MAOR 410 passed in 2015.
Limited to: BA(Hons), PGDipArts, MInds

Notes:
(i) This duration of this paper is 12 months. (ii) Intake for the first semester only.

EDUC 590 Professional Practice Portfolio
60 points (12 months)
Aims at developing students’ professional skills as teachers. Students will engage in critical reflection on their professional practice by documenting their goals, growth, achievement, and professional attributes developed throughout the course of study.
Prerequisite: EDUC 440 or EDUC 441, or EDUC 422 or EDUC 423
Restriction: EDUC 390
Limited to: MTchg
Note: (i) This duration of this paper is 12 months. (ii) Intake for the first semester only.

EDDC 911 Doctor of Education Coursework
60 points (12 months)
Engages students in critical reflection on their professional practice and prepares them for their thesis and research to practice portfolio research. This paper begins with a residential practice portfolio research. This paper begins with a residential
Note: (i) This duration of this paper is 12 months. (ii) Intake for the first semester only.

EDUC 480 Research Study
40 points (full year)
Independent study on exploration of an educational issue, comprising either a review of relevant literature, or completion of a study approved by the Dean of the College of Education.
Prerequisite: 54 300-level EDUC or EDUX points
Restrictions: EDUC 480, EDUC 481
Limited to: BA(Hons), MEd, PGDipArts
Note: The duration of this paper is 12 months.

EDUC 438 Leadership for Learning
60 points (12 months)
A supervised research dissertation of up to 25,000 words on an approved topic.
Prerequisite: 54 300-level EDUC or EDUX points
Restriction: EDUC 380
Limited to: MEd
Note: (i) This duration of this paper is 12 months. (ii) Intake for the first semester only.

EDUC 430 Junior and Young Adult Literature in Cultural Contexts
20 points (first semester)
Themes and theories in the representation of Indigenous histories of Aotearoa and other Islands of the Pacific.
Prerequisite: 36 300-level EDUC or EDUX points
Restriction: MAOR 407

EDUC 421 Mathematics Education: Learning and Teaching
20 points (first semester)
Te Tumu, the School of Māori, Pacific and Indigenous Studies, offers the degree of Master of Indigenous Studies by distance learning.

Religious Studies
The following papers are offered in 2016:

RELS 202/302 The Religions of Southeast Asia
18 points (Summer School)
A study of religion relating to archaeological sites, the arts and contemporary culture. Buddhism is the primary focus, but Hinduism, Islam and indigenous, including Chinese, traditions are also considered.
Prerequisites for RELS 202: 36 points
Restrictions for RELS 202: RELS 302, 330, RELX 202, 330
Prerequisite for RELS 302: 18 200-level RELS points
Restrictions for RELS 302: RELX 202
Note: May not be credited together with RELS 330 or RELX 330 passed in 2006, 2011, or 2012.

RELS 231/331 Special Topic: Psychology of Religion
18 points (Summer School)
An introduction to the psychology of religion, with emphasis on what research in contemporary cognitive and evolutionary psychology has to tell us about human religious belief and behaviour.
Prerequisites for RELS 231: 36 points
Restrictions for RELS 231: RELS 331, RELX 231
Prerequisite for RELS 331: 18 200-level RELS points
Restrictions for RELS 331: RELX 231, RELX 331

RELS 102 Hinduism and Buddhism
18 points (first semester)
The ancient origins, classical traditions and contemporary forms of Hinduism and Buddhism including Hindu mythology, teachings of the Buddha, religious disciplines such as yoga and meditation, expression of devotion in art and architecture, spread of Indian religions to the West.
Restriction: RELX 102

RELS 227/327 Buddhist Thought
18 points (first semester)
A comprehensive and critical study of the common heritage shared by all Buddhist traditions through examination of the development of Buddhist thought in the Theravada Buddhist textual tradition.
Prerequisite for RELS 227: 36 points
Restrictions for RELS 227: RELS 327
Prerequisite for RELS 327: 18 200-level RELS points
Restrictions for RELS 327: RELX 227, RELX 327

RELS 329/329 Paganism
18 points (first semester)
Late Greek and Roman religion, its representation and self-representation from late antiquity to the Renaissance; the contemporary Pagan revival.
Prerequisites for RELS 329: 36 points
Restrictions for RELS 329: RELX 329, RELS 329, 329
Prerequisite for RELS 329: 18 200-level RELS or RELX points
Restrictions for RELS 329: RELX 329, 329, RELS 329

RELS 235/335 Religion, Law and Politics
18 points (first semester)
The interplay of religion, law and politics in contemporary India, Sri Lanka, America, New Zealand, Canada and elsewhere. Case study and theory. Themes include secularism, religious freedom, pluralism and others.
Prerequisite for RELS 235: 36 points
Restrictions for RELS 235: RELX 335, RELS 235, 335
Prerequisite for RELS 335: 18 200-level RELS or RELX points
Restrictions for RELS 335: RELX 335, RELX 235, RELX 335

RELS 415 Method and Theory in the Study of Religion
20 points (first semester)
Theories of religion in relation to society and the human mind, approaches to religion through cross-cultural study of some of its major elements such as myth, ritual and symbol.
Limited to: BA(Hons), PGDipArts

RELS 490 Dissertation
60 points (full year)
Either a piece of original work on a specified research question, or a more wide-ranging discussion which gives a critical account of existing literature and knowledge.
Prerequisite: Three 300-level RELS or RELX papers
Restriction: RELX 490
Limited to: BA(Hons), PGDipArts
Further information
Departmental Administrator
Department of Theology and Religion
University of Otago
PO Box 56, Dunedin 9054
Tel 03 479 8901
Email religion@otago.ac.nz
Web otago.ac.nz/religion/courses/index.html

Social Work
The papers in this area draw on an ecological approach to understanding and intervening on social problems. Acknowledging the challenge of biculturalism and the Treaty of Waitangi in the context of social work in Aotearoa/New Zealand is a fundamental aspect of developing an understanding in this area. Students are encouraged to engage in these papers through the development of personal reflection, critical analysis and direct skills to prepare them for social work practice with individuals, families, communities, organisations, and in social policy environments.

QUALIFICATIONS AVAILABLE
Bachelor of Social Work (BSW)
Bachelor of Social Work with Honours (BSW(Hons))
Master of Social Work (MSW)

PROGRAMMES OF STUDY
Bachelor of Social Work (BSW)
Bachelor of Social Work with Honours (BSW(Hons))

The Department of Sociology, Gender and Social Work offers a four-year degree recognised by the Social Workers Registration Board. Distance papers are offered from year three (300-level) of this programme. Entry is by selection, and distance students who hold either an existing related bachelor's degree or other related qualifications and experience are welcome to apply for acceptance to the BSW programme. Distance students may also qualify for the Honours programme after completing the third-year papers. The degree is not currently available to students studying outside New Zealand. All papers have compulsory on-campus workshops.

The following papers are offered in 2016:

SOWK 301 Theories and Methods of Social Work
18 points (first semester)
An introduction to the main theoretical traditions informing the practice of social work in the Aotearoa/New Zealand context, their expression in Social Work methods, and the location of these theories and models within an overview of theoretical perspectives.
Restrictions: SOWK 301
Limited to: BSW

SOWK 302 Social Work for Children and Families - Analysis and Theory
18 points (first semester)
Selected social issues commonly affecting children and families in Aotearoa/New Zealand. Social work responses and related conceptual issues in social work assessment.
Restrictions: SOWK 316, SOWK 302, 316
Limited to: BSW

Note: Non-BSW students may be admitted to this paper with approval from the Head of Department of Sociology, Gender and Social Work.

SOWK 303 Communities and Organisations – Analysis and Theory
18 points (first semester)
Organisational and community theories, patterns and change and their application within community and social services in Aotearoa/New Zealand.
Restriction: SOWK 303
Limited to: BSW

Note: (a) May not be taken by students who have passed both (SOWK 234 or SOWX 234) and (SOWK 235 or SOWX 235). (b) Non-BSW students may be admitted to this paper with approval from the Head of Department of Sociology, Gender and Social Work.

SOWK 320 Introduction to Professional Practice
18 points (first semester)
Introductory study and application of social work roles and skills in preparation for practice.
Restrictions: SOWK 420, SOWK 320, 420
Limited to: BSW

SOWK 392 Fieldwork Practice 1
36 points (full year)
Introduction and orientation in social service and community settings and supervised practical work in the field.
Restrictions: SOWK 491, SOWX 392, 491
Limited to: BSW

SOWK 402 Social Work for Children and Families: Advanced Practice
20 points (first semester)
This paper offers advanced application of interpersonal theories, develops intervention skills, and explores current issues in practice with children and families in social work settings.
Restrictions: SOWK 491, SOWK 392, 491
Limited to: BSW

SOWK 406 Social Work Issues Across the Lifespan
20 points (first semester)
A lifespan perspective on issues encountered in social work practice.
Restrictions: SOWK 406, SOWK 401, 402
Limited to: BSW, BSW(Hons), MA, PGDipArts

SOWK 403 Communities and Organisations: Advanced Practice
20 points (first semester)
Professional frameworks of organisational and community change and development practice.
Restrictions: SOWK 403, SOWK 404, 406
Limited to: BSW, BSW(Hons), MA, PGDipArts

SOWK 405 Social Work Issues Across the Lifespan
20 points (first semester)
A lifespan perspective on issues encountered in social work practice.
Restrictions: SOWK 405
Limited to: BSW

SOWK 410 Social Work Practice: Kaupapa Māori, and Indigenous Approaches to Social Work
20 points (second semester)
The application of Kaupapa Māori, Pacifica and indigenous approaches, including cross-cultural contexts, to social work practice.
Restrictions: SOWK 319, SOWX 304, 319
Limited to: BSW

Note: Non-BSW students may be admitted to this paper with approval from the Head of Department of Sociology, Gender and Social Work.

SOWK 411 Advanced Special Topic: Contemporary Pacific Issues and the Social Services
20 points (first semester)
Critical exploration of contemporary Pacific social issues, preparing students to develop a policy practice or research framework about an identified Pacific social issue.
Restrictions: SOWK 300-309

SOWK 430 Research Project
20 points (full year; first semester)
A research paper in which key elements of social work practice are integrated within a research framework.
Restrictions: SOWK 300-309
Restrictions: SOWK 480
Limited to: BSW, MA

SOWK 490 Dissertation
40 points (full year)
Supervised individual research on a topic in Social Work.
Restrictions: SOWK 300-309
Restrictions: SOWK 490
Limited to: BSW(Hons), MA

SOWK 492 Fieldwork Practice 2
40 points (full year; first semester)
Advanced fieldwork practice (in a different setting from SOWK 392).
Restrictions: SOWK 300-309
Restrictions: SOWK 492
Limited to: BSW, BSW(Hons)

The following papers are not offered in 2016:

SOWK 304 Kaupapa Māori, and Indigenous Approaches to Social Work
18 points (second semester)
SOWK 209/309 The Body in Asian Religions
18 points (second semester)
A continuation of SANS 111, including the study of passages from the Bhagavad Gita and other texts.
Prerequisite: SANS 111 or SANS 111
Restriction: SANSX 112

SOWK 209/309 The Body in Asian Religions
18 points (second semester)
An examination of some of the ways in which body, gender and sexuality are constructed and practised in cultures dominated by Hindu and Buddhist ideals.
Prerequisite for SOWK 209: 36 points
Restriction for SOWK 209: SOWK 209, 309
Prerequisite for SOWK 309: 18 200-level SOWK or SOWX points
Restrictions for SOWK 309: SOWK 209, RELX 309

SOWK 210/310 Love and Heroism: Religion of South India
18 points (second semester)
Examines the themes of love and heroism in three religious traditions indigenous to South India (Hinduism, Buddhism and Jainism) and the enculturisation of Christianity and Islam in South India.
Prerequisite for SOWK 210: 200-level SOWK or SOWX points
Restriction for SOWK 210: SOWK 310, SOWX 210, 310
Restrictions for SOWK 310: SOWK 310, SOWX 310

SOWK 310/462 Asian Religions and the West
18 points (second semester)
A study of the contexts in which Europeans have encountered Asian religions since 1500, the representations of Asian religions in Western writing up until 1900, and their expression in Social Work methods, and the location of these theories and models within an overview of theoretical perspectives.
Restrictions for SOWK 310: SOWK 462, SOWX 310, 462
Restrictions for SOWK 310: SOWK 310, SOWX 310, 462

SOWK 310/462 Asian Religions and the West
18 points (second semester)
A study of the contexts in which Europeans have encountered Asian religions since 1500, the representations of Asian religions in Western writing up until 1900, and their expression in Social Work methods, and the location of these theories and models within an overview of theoretical perspectives.
Restrictions for SOWK 310: SOWK 462, SOWX 310, 462
Restrictions for SOWK 310: SOWK 310, SOWX 310, 462

SOWK 310/462 Asian Religions and the West
18 points (second semester)
A study of the contexts in which Europeans have encountered Asian religions since 1500, the representations of Asian religions in Western writing up until 1900, and their expression in Social Work methods, and the location of these theories and models within an overview of theoretical perspectives.
Restrictions for SOWK 310: SOWK 462, SOWX 310, 462
Restrictions for SOWK 310: SOWK 310, SOWX 310, 462

SOWK 310/462 Asian Religions and the West
18 points (second semester)
A study of the contexts in which Europeans have encountered Asian religions since 1500, the representations of Asian religions in Western writing up until 1900, and their expression in Social Work methods, and the location of these theories and models within an overview of theoretical perspectives.
Restrictions for SOWK 310: SOWK 462, SOWX 310, 462
Restrictions for SOWK 310: SOWK 310, SOWX 310, 462

SOWK 310/462 Asian Religions and the West
18 points (second semester)
A study of the contexts in which Europeans have encountered Asian religions since 1500, the representations of Asian religions in Western writing up until 1900, and their expression in Social Work methods, and the location of these theories and models within an overview of theoretical perspectives.
Restrictions for SOWK 310: SOWK 462, SOWX 310, 462
Restrictions for SOWK 310: SOWK 310, SOWX 310, 462
PAST 307 Special Topic: Practical Theology of Disability and Mental Health – What Does It Mean to be Human?
18 points (first semester)
The nature of what it means to be a human being, focusing on the theological implications of the experiences of people living with disabilities and with mental health issues. This is taught as an intensive paper over five days in Dunedin.
Prerequisite: One 200-level PAXX or PAST paper
Restriction: PAXX 307

BIBS 121 Interpreting the New Testament
18 points (second semester)
The interpretation of the New Testament in its historical context, including an introduction to critical methods and to the study of the Gospels and the Epistles, with an in-depth discussion of selected texts.
Restriction: BIBX 121

BIBS 132 Introductory New Testament Greek Language 2
18 points (second semester)
A continuation of BIBS 131, including the exegesis of passages from the Greek New Testament.
Prerequisite: BIBS 131 or BIBX 131
Restriction: BIBX 132

CITHH 102 The History of Christianity
18 points (second semester)
A survey of the history of Christianity from 100 AD to the present day: from early formation to recent contexts in Nazi Germany, Soviet Russia and North America.
Restrictions: CITHH 101, CITHX 101, 102

HERB 132 Introductory Biblical Hebrew 2
18 points (second semester)
A continuation of HERB 131, including the translation and exegesis of selected passages from the Hebrew Bible.
Prerequisite: HERB 131 or HERB 131
Restriction: HERB 132

BIBS 225/325 Special Topic: Approaches to Hermeneutics
18 points (second semester)
An overview of the historical development of biblical hermeneutics, from early Christian and Jewish interpretation to contemporary critical approaches. This paper incorporates key hermeneutical approaches, concepts, issues, and terms.
Prerequisite: BIBS 313 or BIBX 313
Restriction: BIBX 225

BIBS 226/326 Jesus in the New Testament
18 points (second semester)
A study of the different portraits of Jesus in selected New Testament literature that wrestles with the problem of how God can be regarded as just in the face of the reality of suffering.
Prerequisite: One 200-level BIBS, BIBX, RELS or RELX paper
Restrictions: BIBS 413, BIBX 317, 413

PAST 317 Chaplaincy Studies
18 points (second semester)
The practice of chaplaincy in diverse settings within contemporary New Zealand along with listening skills, theology of chaplaincy, and self-care.
Prerequisite: One 200-level PAST or PASX paper.
Restriction: MINS 409
Note: May not be credited together with PAST 312 or 412.

CITHH 213/313 Issues in Theology
18 points (second semester)
A special topic focusing on central issues and debates in systematic theology. This is taught as an intensive paper over five days in Auckland.
Prerequisite for CITHH 213: One of CITHH 101, 111, 131, CITHX 101, 111, 131
Restrictions for CITHH 213: CITHH 313, CITHX 213, 313
Prerequisite for CITHH 313: One 200-level CITHH or CITHX paper
Restrictions for CITHH 313: CITHH 313, CITHX 213, 313

CITHH 233/333 Public Theology: Faith in the Public Square
18 points (second semester)
A critical study of the nature of Christian theology as public discourse: aims and methods, challenges and possibilities.
Prerequisite for CITHH 233: 36 100-level points
Restrictions for CITHH 233: CITHH 333, 413, CITHX 333, 413
Prerequisite for CITHH 333: One 200-level CITHH or CITHX paper
Restrictions for CITHH 333: CITHH 233, 413, CITHX 333, 413
Note: May not be credited together with CITHH 313 or CITHH 411 passed in 2009.

PAST 212 Research Methods
18 points (second semester)
Analysis of a variety of social research methods to be used in theological research and research relating to the practice of ministry.
Prerequisite: 36 100-level points
Restriction: PAXS 212

BIBS 317 God, Suffering and Justice
18 points (second semester)
A detailed study of texts from the Hebrew Bible and related literature that wrestles with the problem of how God can be regarded as just in the face of the reality of suffering.
Prerequisite: One 200-level BIBS, BIBX, RELS or RELX paper
Restrictions: BIBS 413, BIBX 317, 413

PAST 317 Prayer, Discipleship and Study
18 points (second semester)
The practice of discipleship in certain contemporary settings, the incorporation of current scholarship into the practice of chaplaincy. The admission requirement is a degree or equivalent three-year qualification with satisfactory grades. The coursework consists of three 20 point 400-level taught papers, of which at least two are core papers in the area of Chaplaincy (within the Ministry study area). If the third core paper in the area of chaplaincy is not taken to complete the qualification, then the final paper is selected from a list of additional papers offered in the areas of Biblical Studies, Christian Thought and History and Ministry Studies. The Certificate is designed to enhance a graduate's professional practice as a Chaplain.

Postgraduate Certificate in Chaplaincy (PGCertChap)
20 points (full year)
This paper is designed to enable students to further develop their translation and exegesis skills in relation to the Greek New Testament.
Restriction: BIBX 411

BIBS 421 Greek New Testament Exegesis (Advanced)
20 points (full year)
This paper builds on the study of Greek done in BIBS 313 (or the equivalent), advancing students' abilities to interpret biblical texts critically in the original languages by focusing on the exegesis of specific biblical texts, plus extracts from the Hebrew of the Wisdom of Jesus ben Sirah.
Restriction: BIBX 421

BIBS 490 Dissertation
60 points (full year)
Supervised individual research on a topic in Biblical studies.
Restriction: BIBX 490
Limited to: BA(Hons), BTheol(Hons), PGDipArts, PGDipTheol

CITHH 405 The Roots of Public Theology
20 points (second semester)
Biblical and patristic roots of public theology; the contribution to public theology by thinkers and activists from the 16th-20th century.
Prerequisite: One 300-level CITHX or CITHH paper
Restrictions: CITHX 305, CITHH 305

CITHH 490 Dissertation
60 points (full year)
Supervised individual research on a topic in Christian thought and history.
Restriction: CITHH 490
Limited to: BA(Hons), BTheol(Hons), PGDipArts, PGDipTheol
Laura Heraud
Postgraduate Diploma in Applied Science (Clothing and Textile Sciences)

“I WOULD LIKE TO FURTHER MY KNOWLEDGE AND I FEEL THIS (DISTANCE LEARNING) IS A GOOD WAY TO LEARN.”

From Venice to New Zealand, by way of London, the constant in Laura Heraud’s life has been fashion.
And today, three decades after finishing at the London School of Fashion, Laura has returned to study to add knowledge of textiles to her vocabulary.
“I married a Kiwi and London became too big, too crowded for us and our second child was on the way,” Italian-born Laura says.
“I had worked in ateliers in London, designing, pattern-making and running workshops. Designer jobs were hard to come by in Auckland, when I was offered a position at Deane Apparel (New Zealand’s largest marketer of uniforms and corporate wear, including those of Air New Zealand) I did not know what to expect. The product manager position turned out to be challenging and rewarding and I realised that garments and fabric knowledge was imperative. I now run the product department there.”

Because she came from a fashion background, Laura had been thinking for a while that she needed more knowledge in the area of textiles – how they work, choosing materials and testing them. Although she would have liked to study full-time, life didn’t allow for that, so Laura was delighted to find out about the Postgraduate Diploma in Applied Science (Clothing and Textile Sciences), which allowed her to learn and apply her knowledge at work straight away.
“It’s been an amazing experience. “I would quite like to keep studying now – I should have studied all of this so long ago but the time is perfect now. My youngest child is 17 and I have more time to allow for study.
“You still have to sacrifice time at night and weekends, but that is the choice you make for knowledge.”

Support for Laura, particularly as English is her second language and she hasn’t studied for decades, has been wonderful, she says.
Head of Department Professor Raechel Laing has been just an email away – “the distance can be a factor because it would be different if you were there in person, but I have felt very supported.”
Laura hopes to take more courses – “I would like to further my knowledge and I feel this (distance learning) is a good way to learn.”

MINS 405 Special Topic: A Practical Theology of Disability and Mental Health: What does it mean to be Human? 20 points (first semester)
The nature of what it means to be a human being, focusing on the theological implications of the experiences of people living with disabilities and with mental health issues. This is taught as an intensive paper over five days in Dunedin.
Restriction: MINX 405
Limited to: MMin, PGDipMin

MINS 409 Chaplaincy Studies (Advanced) 20 points (second semester)
The practice of chaplaincy in diverse settings within contemporary New Zealand along with listening skills, theology of chaplaincy, and self-care.
Restriction: PAST 317
Note: May not be credited together with PASX 206 or 306 passed in 2010, 2012 or 2014.
Limited to: BTheol(Hons), PGDipTheol, MTheol, MMin, PGDipMin, BA(Hons), PGDipArts

PAST 490 Dissertation 60 points (full year)
Supervised individual research on a topic in pastoral studies.
Restriction: PASX 490
Limited to: PGDipTheol, BTheol(Hons)

MINS 590 Research Project 60 points (full year)
Supervised individual research on an approved topic.
Restriction: MINX 590
Limited to: MMin, PGDipMin
Note: With approval from the Head of Department, MINS 590 may also be taken on a part-time and/or part-year basis.

MINS 591 Research Project 60 points (full year; each semester)
A single-semester paper representing half of MINS 590 (normally taken by approved students in the second semester and again in the first semester of the following year).
Restriction: MINX 591
Limited to: MMin, PGDipMin

Note: May not be credited together with PASX 206 or 306 passed in 2010, 2012 or 2014.
Limited to: BTheol(Hons), PGDipTheol, MTheol, MMin, PGDipMin, BA(Hons), PGDipArts

CHTH 403 The Puritans: Working out the English Reformation 20 points (second semester)
The nature, aspirations and theology of sixteenth and seventeenth-century English Puritans in their historical context, including those Puritans who moved to New England to build “a city on a hill”.
Limited to: BTheol(Hons), BA(Hons), PGDipTheol, PGDipArts

CHTH 411 Contemporary Christian Theology
CHTH 414 The Theology of Søren Kierkegaard (Advanced)
CHTH 415 Reconciliation, Christian Ethics and Public Theology (Advanced)
CHTH 416 The Theology of Bonhoeffer
CHTH 430 Special Topic
MINS 403 Theological Reflection
MINS 404 Leadership in Congregations
MINS 407 Preaching and Communication in a Contemporary Context
MINS 408 Ministry in a Culturally Diverse Society (Advanced)
MINS 410 Pastoral Care in Dying, Grief and Loss
MINS 411 Chaplaincy in Diverse Contexts

Further information
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Department of Theology and Religion
University of Otago
PO Box 56, Dunedin 9554
Tel 03 479 8901
Email theology@otago.ac.nz

Restrictions: BIBS 317, BIBX 317, 413
Sam Cameron has returned to study not just to boost her own skills, but to grow her business. The Otago-trained physiotherapist has her own Auckland physio business, which is now large enough that she can take time out to study.

“I wanted to try and challenge myself, but also diversify my business, so I’m doing a Postgraduate Diploma in Health Science, endorsed in Occupational Health. “There is a lot of self-directed learning in the process, but getting support has been “no problem at all.”

Sam and her family came to New Zealand from South Africa in 2003 and she lived in Dunedin for five years studying to be a physio.

She has enjoyed going back to study. “At undergraduate level it’s more about learning ‘learning skills’. At postgraduate level you’re constantly considering how to apply your new skills and information into the workplace.”

The University of Otago is the only institution to offer this particular diploma and studying by distance was perfect for her, Sam says. “I fit the study into my day rather than the other way around.”

There is a lot of self-directed learning in the process, but she says the course conveners have always been only an email or phone call away and getting support has been “no problem at all.”

Plus online ‘connect sessions’ with fellow students were invaluable in keeping her on track and getting wider input.

Aquaculture and Fisheries
AQFI 301 Field Methods for Assessment of Fisheries and Aquatic Habitats
18 points (first semester)
AQFI 301 is an intensive field-focused course that introduces students to methodology used to assess the status of fisheries and aquaculture systems. A five-day introductory series of lectures and laboratories is followed by an eight-day field course. This paper is entirely internally assessed. The field course is based at a marae and an introduction to tikanga (custom) and kawa (protocol) at the marae and around fisheries will be provided. Methods for assessing growth in key species, commonly used monitoring designs and practical limitations presented when monitoring aquatic systems will be introduced.

Prerequisite: AQFI 251 or 252, MARI 202
Restrictions: AQFX 301, MARI 440

AQFI 421 Advanced Aquaculture and Fisheries
20 points (first semester)
AQFI 421 provides an opportunity for students to experience the process of conducting real research on marine and freshwater ecosystems. In this field course, students lead the development of research projects and conduct their own research in small teams before producing a report in the style of a scientific paper. Students then go through a mock peer review process where they submit a paper, receive comments from a reviewer and then address those comments. Students from this course also assume a mentoring role for undergraduate students in the field.

Restrictions: MARI 425, 426

Further information
Dr Chris Hepburn
Department of Marine Science
University of Otago
PO Box 56, Dunedin
Email chris.hepburn@otago.ac.nz

CHEM 150 Concepts in Chemistry
18 points (Summer School)
Introduction to the core ideas and methods of chemistry, recommended for students with limited chemistry backgrounds. Topics include stoichiometry, equilibria, thermochemistry, redox, acid-base chemistry and main group and organic chemistry. The last two weeks of this course are on campus.

Further information
Dr David McMorrin
Course Co-ordinator
Department of Chemistry
University of Otago
PO Box 56, Dunedin 9054
Tel 64 3 479 7934
Email davidm@chemistry.otago.ac.nz

Introductory Chemistry
Chemistry is a pivotal subject to almost all science-related studies, but not every student is sufficiently prepared to attempt first-year chemistry. The Department of Chemistry offers a distance-taught course in Introductory Chemistry, providing a firm foundation of the key chemical concepts for those students who consider their previous chemistry education to have been deficient. It is particularly valuable for mature students.

Enrolment for Introductory Chemistry is continuous throughout the year. Students may work at their own pace and most complete the course in about 100 hours (10 hours per week ~ 10 weeks).

Introductory Chemistry does not count for credit towards any University qualification.

Further information
Department of Chemistry
University of Otago
PO Box 56, Dunedin 9054
Tel 03 479 7908
Email intro@chemistry.otago.ac.nz
Web neutron.otago.ac.nz/chemistry/studying/IntroChem/
Chemical Hazards
An understanding of the risks associated with the use of chemicals in modern society, the assessment of these risks and how the risks can be managed and minimised are an important aspect of modern society. Chemical hazards impact on our health, environment, and working practices.

HAZA 401 is a general introduction to chemical hazards. It may be taken by students with a limited chemistry background and working in areas such as OSH, regional councils, fire service, etc.

HAZA 404 is especially relevant to scientists, engineers, planners and managers with responsibility for hazard assessment, prevention, remediation, compliance and management associated with environmental hazards in today's society. NB: Students will be required to attend a full-day field workshop in Dunedin.

The papers are open to all graduates. However, a knowledge of general chemistry, preferably to at least high school year 13/tertiary first year chemistry, is assumed and will be required to understand and answer many aspects of the HAZA 404 course assessments.

The following papers are offered in 2016:

- HAZA 401 Management of Chemical Hazards
  20 points (first semester)
  Principles that guide the identification and practical treatment of chemical hazards in today’s society.

- HAZA 404 Environmental Risk Assessment and Management
  20 points (second semester)
  Principles and practices underlying the identification, assessment, prevention, remediation and compliance requirements associated with environmental risks and hazards in today’s society. This paper has a compulsory on-campus workshop.

QUALIFICATIONS AND PROGRAMMES OF STUDY

- Postgraduate Certificate in Advanced Applied Science (PGCAppScs) in Clothing and Textile Sciences
- Postgraduate Diploma in Applied Science (PGDipAppSc) in Clothing and Textile Sciences
- Master of Applied Science (MAppScs) in Clothing and Textile Sciences (taught master's degree)
- Postgraduate Diploma in Science (PGDipSci) in Clothing and Textile Sciences
- Master of Science (MSc) in Clothing and Textile Sciences

Chemical and Textile Sciences
Scientific and technological developments in clothing and textiles – physical, structural, performance-related, cultural – are continuing to develop rapidly. These changes affect many individuals and groups. From a trade perspective, these changes are due to the removal of trade barriers between countries, and improved access to New Zealand for products from other sources. Such changes impose greater demands on buyers, sellers, and manufacturers in terms of expertise and technical understanding of products and product components.

Workplace safety emerged as a critical area for protective clothing applications during the 1980s and continues to provide challenges, particularly when dealing with earthquakes, fire, forestry, and fishing. There is also increasing pressure on teachers to develop appropriate curricula for the upper level of their schools, particularly in sciences and technology. The cultural and historical aspects of clothing and textiles are also attracting greater interest. Distance-taught programmes of study in clothing and textile sciences support the development of expertise and technical understanding required to meet these needs.

Postgraduate Certificate in Advanced Applied Science (PGCAppScs) in Clothing and Textile Sciences

- A supervised project involving original research and leading to the production of a research report. There may be an on-campus component - please contact the Department for details.

Restrictions: CLTX 453, DOTE 401, RIOE 401

CLTE 460 Co-operative Education Programme (restricted entry)
20 points (full year)

- An industry-based project. There may be an on-campus component – please contact the Department for details.

Restriction: CLTX 455

CLTE 480 Research Project
40 points (full year)

- A supervised project involving research and leading to the production of a research report. There may be an on-campus component – please contact the Department for details.

Restriction: CLTX 480

Limited to: PGDipAppSc, PGDipSci

CLTE 490 Dissertation
60 points (full year)

- A supervised project involving original research and leading to the production of a dissertation. There may be an on-campus component – please contact the Department for details.

Restriction: CLTX 490

Limited to: BAppSc(Hons), BSc(Hons), PGDipAppSc, PGDipSci

CLTE 495 Master’s Thesis Preparation
40 points (full year)

- Preparation of a thesis proposal/preliminary thesis research. Normally taken by students in the papers for a Master's degree by papers and thesis. There may be an on-campus component – please contact the Department for details.

Restriction: CLTX 495

Limited to: MAppSc, MAppSc

The following papers are not offered in 2016:

- CLTE 455 Topic in Advanced Clothing and Textile Sciences
  20 points (full year)
  Details of this paper are available from the Paper Coordinator, Clothing and Textile Sciences.
  Restrictions: CLTX 453, DOTE 401, RIOE 401

- CLTE 460 Co-operative Education Programme (restricted entry)
  20 points (full year)
  An industry-based project. There may be an on-campus component – please contact the Department for details.

Restriction: CLTX 455

- CLTE 480 Research Project
  40 points (full year)
  A supervised project involving research and leading to the production of a research report. There may be an on-campus component – please contact the Department for details.

Restriction: CLTX 480

Limited to: PGDipAppSc, PGDipSci

- CLTE 490 Dissertation
  60 points (full year)
  A supervised project involving original research and leading to the production of a dissertation. There may be an on-campus component – please contact the Department for details.

Restriction: CLTX 490

Limited to: BAppSc(Hons), BSc(Hons), PGDipAppSc, PGDipSci

- CLTE 495 Master’s Thesis Preparation
  40 points (full year)
  Preparation of a thesis proposal/preliminary thesis research. Normally taken by students in the papers for a Master's degree by papers and thesis. There may be an on-campus component – please contact the Department for details.

Restriction: CLTX 495

Limited to: MAppSc, MAppSc

Further information

Professors

- Professor R M Laing

Distance Courses in Clothing and Textile Sciences
University of Otago
PO Box 56, Dunedin 9054
Tel 03 479 7540
Email raechel.laing@otago.ac.nz
Web otago.ac.nz/surveying/study/papers/index.html

Surveying

The School of Surveying offers Introductory Surveying (SURV 101) through the distance learning programme.

Introductory Surveying is an appropriate introduction to surveying for polytechnic students, and for those employed in surveying, engineering or planning offices, staff of local authorities and construction contractors.

The following paper is offered in 2016:

- SURV 101 Introductory Surveying
  18 points (second semester)
  An introduction to basic surveying principles, techniques, instruments and computational procedures. This paper has a compulsory one week field course.

Restrictions: SURV 111, SURX 101, 111

Further information

Marg Newall
School of Surveying
University of Otago
PO Box 56, Dunedin 9054
Tel 03 479 7585
Email surveying@otago.ac.nz
Web otago.ac.nz/surveying/study/papers/index.html

Further information

- Professor R M Laing

Distance Courses in Clothing and Textile Sciences
University of Otago
PO Box 56, Dunedin 9054
Tel 03 479 7540
Email raechel.laing@otago.ac.nz
Web otago.ac.nz/textiles/
Business Administration

QUALIFICATIONS
Master of Business Administration (MBA)
Postgraduate Diploma in Business Administration (PGDipBusAdmin)

PROGRAMMES OF STUDY
Master of Business Administration (MBA)
The Otago Online MBA is a high quality MBA programme for students who are not able to attend on-campus or full-time classes. We are delivering the rigorous Otago MBA curriculum to you over the internet. Students will attend live weekly lectures, share interactive discussions with their classmates and participate in break-out sessions. Should they miss a class, they can catch up with the recordings and be back on track. The curriculum comprises two phases and will be completed in 2 ½ years. In phase one, students take 12 core subjects. Phase Two is a 60 point BUSI 540 business project which involves 600 hours of work. Alternately, online electives will be available.

Postgraduate Diploma in Business Administration (PGDipBusAdmin)
The Postgraduate Diploma in Business Administration (PGDipBusAdmin) is a shorter postgraduate level business qualification than the MBA. However as a PGDipBusAdmin student, you will still attend the same classes as the MBA students. To complete the PGDipBusAdmin you need 120 points from the list of core MBA papers. Each paper is worth 15 points with the exception of BMBA 530, Business Project, which is worth 30 points. Students may take eight core papers offered on the Otago MBA programme, or six core papers and a 30-point business project.

The following papers are offered in 2016:

- **BMBA 505 Economics**
  15 points (11 Jan – 17 Feb)
  Basic economic concepts and frameworks, an overview of macroeconomic principles, and useful tools and techniques to make sense of the business world.
  Limited to: PGDipBusAdmin, MBA

- **BMBA 508 Investment and Global Financial Markets**
  15 points (11 Jan – 26 Feb; 27 Jun – 12 Aug)
  International financial markets, corporate governance, the time value of money, capital asset pricing models, and financial planning and risk management.
  Limited to: PGDipBusAdmin, MBA

- **BMBA 501 Business Law**
  15 points (7 Mar – 22 Apr)
  Key basic legal and governance principles and frameworks, which are commonly present and crucially important in commercial transactions and business situations generally.
  Limited to: PGDipBusAdmin, MBA

- **BMBA 506 Human Resource Management**
  15 points (7 Mar – 22 Apr; 22 Aug – 7 Oct)
  How HRM can contribute to the survival, adaptation and growth of organisations and a critical management perspective of HRM practices in order to make better management decisions.
  Limited to: PGDipBusAdmin, MBA

- **BMBA 502 Marketing**
  15 points (2 May – 17 June; 17 Oct – 2 Dec)
  An introduction to marketing fundamental principles, the key impact of marketing in differing economic environments, and marketing communications in different business strategies.
  Limited to: PGDipBusAdmin, MBA

- **BMBA 503 Organisational Leadership**
  15 points (2 May – 17 June; 17 Oct – 2 Dec)
  Contemporary leadership and organisational behaviour theories and how they are applied in real life.
  Limited to: PGDipBusAdmin, MBA

- **BMBA 507 Accounting**
  15 points (2 May – 17 June; 17 Oct – 2 Dec)
  The basis of measurement and valuation used in financial and management accounting, and views on the different accounting approaches to support business decisions.
  Limited to: PGDipBusAdmin, MBA

- **BMBA 510 Leading Sustainable Enterprises**
  15 points (27 Jun – 12 Aug)
  Concepts and approaches to provide an appreciation of sustainability and sustainable development in relation to business, and the legal, institutional, national and global contexts of sustainability.
  Limited to: PGDipBusAdmin, MBA

- **BMBA 599 Strategic Planning for International Markets**
  15 points (22 Aug – 7 Oct)
  The integration of strategic business functions and processes by which business leaders prepare their firms for growth, and typical problems faced in planning for business growth.
  Limited to: PGDipBusAdmin, MBA

- **BMBA 511 Operational Excellence**
  15 points (17 Oct – 2 Dec)
  Key management decisions in areas of operations strategy, supply chain configuration and quality management, and techniques to analyse operational implications in different business sectors.
  Limited to: PGDipBusAdmin, MBA

- **BMBA 504 Statistics and Decision Tools**

- **BMBA 512 International Business**

- **BMBA 513 Strategy Implementation**

Further information

Executive Programmes
University of Otago
PO Box 56, Dunedin 9054
Tel 03 479 4176
Fax 03 479 5083
Email mbainfo@otago.ac.nz
Web otago.ac.nz/mba

Tourism

The Department of Tourism offers undergraduate and postgraduate programmes which provide an overview of the tourist industry, its impacts, management, marketing, resource development issues and entrepreneurship, both for graduates in any discipline and for those who have experience in the industry.

The following papers are offered in 2016:

- **TOUR 101 Introduction to Tourism**
  18 points (Summer School)
  An introduction to the global principles that structure tourism, the nature and operation of the tourist industry and the impact, development and management issues that arise from tourism. Tourism is a global industry and phenomenon; one that is integrated into social, political, cultural, environmental, and economic global and local contexts.
  Restriction: TOUX 101

- **TOUR 102 Global Tourism**
  18 points (Summer School)
  The major issues in world tourism as it is differentiated on a global regional basis, integrated illustrative case studies. "Global tourism" is designed to examine this reality and to assess how current events and historical trends at global, regional, and local levels shape and can be shaped by tourism as an industry and social phenomenon.

Further information

Distance Learning Coordinator
Department of Tourism
University of Otago
PO Box 56, Dunedin 9054
Tel 03 479 5403
Email tourism@otago.ac.nz

Web tourism.otago.ac.nz/Planning
Health Sciences

Addiction and Co-existing Disorders

The National Addiction Centre (NAC) develops, evaluates and promotes effective treatments for people with alcohol- and drug-related problems in Aotearoa New Zealand. Located in the Department of Psychological Medicine, University of Otago, Christchurch, the NAC provides clinically-based postgraduate study for multidisciplinary students who are primarily working clinically in the addiction, mental health, and related fields.

QUALIFICATIONS

- Postgraduate Certificate in Health Sciences (PGCertHealSc) endorsed in Addiction and Co-existing Disorders
- Postgraduate Diploma in Health Sciences (PGDipHealSc) endorsed in Addiction and Co-existing Disorders
- Master of Health Sciences (MHealSc) endorsed in Addiction and Co-existing Disorders
- PhD

PROGRAMMES OF STUDY

- Postgraduate Certificate in Health Sciences (PGCertHealSc) endorsed in Addiction and Co-existing Disorders
- Postgraduate Diploma in Health Sciences (PGDipHealSc) endorsed in Addiction and Co-existing Disorders
- Master of Health Sciences (MHealSc) endorsed in Addiction and Co-existing Disorders
- PhD

The following papers are offered in 2016:

- PSME 404 Addiction Assessment
- PSME 422 Addiction Treatment
- PSME 424 Addiction Pharmacotherapy

Further information

Judithe Stone
Departmental/Postgraduate Administrator
Department of Psychological Medicine
University of Otago, Christchurch
PO Box 4345, Christchurch 8140
Tel 03 372 0404
Email judithe.stone@otago.ac.nz

Aeromedical Retrieval and Transport (see Aviation Medicine)

AVME 715/AVME 720 (normally completed first for the Postgraduate Certificate in Aeromedical Retrieval and Transport and Transport) and AVME 721 and 722.

- Postgraduate Diploma in Aeromedical Retrieval and Transport (PGDipAeroRT)
- Postgraduate Certificate in Avian Medicine (PGCertAvMed)
- Master of Aviation Medicine (MAvMed)

Master of Operational Medicine (MOccMed)

- PhD in Occupational Medicine

PROGRAMMES OF STUDY

Note: The Postgraduate Certificate and Diploma in Health Sciences and the degree of Master of Health Sciences (endorsed in specified subjects) may be taken by nurses and allied health professionals. The other programmes may be taken only by medical practitioners.

- Postgraduate Certificate in Aeromedical Retrieval and Transport (PGCertAeroRT)
- Postgraduate Certificate in Civil Aviation Medicine (PGCertCAvMed)
- Postgraduate Certificate in Occupational Medicine (PGCertOccMed)
- Postgraduate Diploma in Health Sciences (PGDipHealSc) endorsed in Aeromedical Retrieval and Transport
- Master of Operational Medicine (MOccMed)
and clinical practice leading to management and research evaluation of occupational medicine, and ensuring that staff are fit to engage in safe work.

Master of Health Sciences (MHSc) in Occupational Medicine

Qualifications

- Master of Health Sciences (MHSc) in Occupational Medicine
- Graduate Diploma in Health Sciences and in Bioethics
- Postgraduate diplomas in Health Sciences and in Bioethics

Programmes of Study

- AVM 780 Research Project
- AVM 801 Occupational Medicine Epidemiology and Biostatistics
- AVM 802 Vocational Rehabilitation
- AVM 803 Specialist Aeromedical Retrieval
- AVM 804 International Assistance Operations
- AVM 791 Aeromedical Studies for Nurses and Paramedics
- AVM 716 Clinical Occupational Medicine
- AVM 721 Clinical Care in the Air
- AVM 714 Clinical Aviation Medicine
- AVM 722 Organisation of Aeromedical Systems
- AVM 724 Health and Industry
- AVM 726 Special Topic

A VME 780 Research Project

A supervised research project up to 10,000 words involving the development, implementation and reporting of an original topic in the student's area of professional interest.

Restriction: AVMX 780

Only offered by Special Permission. Please contact the department to express an interest.

A VME 785 Research Methods

Qualitative and quantitative research, designing research projects, ethical issues, survey methods, quantitative data analysis, statistics, types of data, data presentation, critical appraisal, research frameworks, comparison of methodologies.

Restriction: AVMX 785

A VME 714 Clinical Aviation Medicine

General medical conditions and fitness to fly; aviation ophthalmology; aviation otolaryngology; aviation psychiatry; aviation neurology and neurosurgery; hazards of medicine in aviation; respiratory medicine and aviation; aviation cardiology.

Restriction: AVMX 714

A VME 722 Organisation of Aeromedical Systems

Establishing an aeromedical service, administration of an aeromedical service; standards, quality, and quality control; international differences in approach; insurance and travel assistance; personnel selection and training; medico-legal issues; military AME; major incident response.

Restriction: AVMX 722

A VME 724 Health and Industry

Mining, nuclear power and other radiation work; agriculture and silviculture; chemical industries; international business; work in extreme environments and hazardous employment; petrochemical industries including oil and gas exploration; office work, general manufacturing and technical trades; environmental health.

Restriction: AVMX 724

A VME 726 Special Topic

Supervised study in breadth and depth sufficient to submit a journal article for publication in an appropriate journal.

Restriction: AVMX 726

A VME 801 Occupational Medicine Epidemiology and Biostatistics

Conducting a review; modern epidemiologic concepts and methods; critical appraisal; epidemiological study design; descriptive epidemiology; sampling and measurement; epidemiological analysis; inferential statistics; regression analysis.

Restriction: AVMX 801

A VME 802 Vocational Rehabilitation

Conducting a review; workers' compensation; work rehabilitation; graduated return to work; functional capacity evaluation; activity prescription; psychosocial obstacles to return to work; work and workplace assessment; disability assessment.

Restriction: REHX 706, REHB 706

A VME 803 Specialist Aeromedical Retrieval

Further information Programme Manager Occupational and Aviation Medicine Unit (OAMU) Department of Medicine University of Otago, Wellington PO Box 7343, Wellington 6242 Tel 04 385 3500 Email oamu@otago.ac.nz Web otago.ac.nz/aviation_medicine

Bioethics

Ethical issues in the practice of medicine and related professions and in health-care research are of topical and practical concern both to practitioners and the general public.

Qualifications

- Postgraduate Diploma in Health Sciences (PGDipHealthSc), endorsed in Bioethics
- Postgraduate Certificate in Health Sciences (PGCertHealthSc), endorsed in Clinical Ethics

Master of Health Sciences (MHSc) in Occupational Medicine

Programmes of Study

Six papers, BCT 401, 403, 404, 405, 406 and 407 are offered through distance learning and may be credited towards postgraduate qualifications including masters' degrees and postgraduate diplomas in Health Sciences and in Biometrics and Health Law. They may also be taken for Certificate of Proficiency (i.e. without necessarily being counted towards a particular qualification) or for the Diploma for Graduates.

The following papers are offered in 2016:

- BCT 401 Theories of Biomedical Ethics
- BCT 403 Issues in Law, Ethics and Medicine
- BCT 404 Ethics and Health Care
- BCT 405 Bioethics in Clinical Practice

Admission requires approval from the Director of the Bioethics Centre.
Child Health
The Postgraduate Diploma in Child Health (DCH) programme is a valuable learning opportunity for health professionals who provide child health services.

QUALIFICATIONS
Postgraduate Diploma in Child Health (DCH)

PROGRAMME OF STUDY
The Postgraduate Diploma in Child Health (DCH) is suitable for resident medical officers doing a six-month paediatric attachment. The required papers are CHHE 701 and 702. Other health professionals, including GPs, child health nurses, physiotherapists, and occupational therapists who wish to improve their knowledge of community child health may be eligible to enrol for CHHE 701 on its own.

The following papers are offered in 2016:

- **CHHE 701 Community Child Health**
  30 points (each semester)
  Community aspects of child health and child health services.
  Restriction: CHHX 701
  Limited to: DCH, MHealSc, PGDipHealSc
  Further information
  Amanda Phillips
  Distance Learning Co-ordinator
  Department of Women’s and Children’s Health
  PO Box 913, Dunedin 9054
  Tel 03 471 6120
  Email wch.distancelearning@otago.ac.nz

- **CHHE 702 Clinical Attachment in Paediatrics**
  90 points (each semester)
  Develops clinical knowledge, skills and attitudes concerning paediatrics and child health to a postgraduate level appropriate for a general practitioner with a special interest in children. Topics covered include neonatal paediatrics and general paediatrics in inpatient and outpatient settings. The examination for this paper rotates amongst Wellington, Dunedin and Christchurch.
  Restriction: CHHX 702
  Limited to: DCH
  Note: A compulsory paper for DCH; may also be taken by other approved medical graduates with a current six-month clinical position in a junior medical officer in an approved paediatric hospital in New Zealand.
  Further information
  Departmental Manager
  Department of Paediatrics and Child Health
  University of Otago, Wellington
  PO Box 7343, Wellington 6242
  Tel 04 385 5999
  Email paediatrics@otago.ac.nz

Further information
Bioethics Centre
University of Otago
PO Box 56, Dunedin 9054
Tel 03 471 6120
Email bioethics@otago.ac.nz
Web healthsci.otago.ac.nz/bioethics/

Family and Systems Therapies
Systemic analysis and therapies have become widely accepted internationally in the fields of mental health, counselling, education and organisational change. This approach is also gaining currency in the field of medical general practice.

QUALIFICATION
Postgraduate Certificate in Health Sciences (PGCertHealSc) endorsed in Family and Systems Therapies

PROGRAMME OF STUDY
This two-paper certificate has been established to provide training to appropriately qualified professionals. The following papers are offered in 2016:

- **PSME 436 Principles of Family and Systems Theory**
  30 points (first semester)
  A theoretical paper exploring the major models of Family Therapy theory and practice from an integrative perspective through analysis and critique. This paper has a compulsory block workshop in Wellington.
  Restriction: PSMX 437
  Limited to: MHealSc, PGCertHealSc, PGDipHealSc
  Note: (i) Students must be able to demonstrate a basic level of counselling/therapy skills. (ii) It is preferable that students have access to a setting that allows them to see systemic ideas in practice.

- **PSME 437 Applied Systems Theory**
  30 points (second semester)
  The application of systems theory to organisations or families. The development of therapeutic skills within the systemic model. This paper has a compulsory block workshop in Wellington.
  Restriction: PSMX 437
  Limited to: MHealSc, PGCertHealSc, PGDipHealSc
  Note: (i) Students must be able to demonstrate a basic level of counselling/therapy skills. (ii) It is preferable that students be employed in a setting that allows them to apply systemic ideas to their ongoing work.
  Further information
  Julie Burgess-Manning
  Clinical Lecturer and Course Convener
  Email julie.burgess-manning@otago.ac.nz

Further information
Ruth Helms
Manager, Academic Programmes
University of Otago, Christchurch
PO Box 4345, Christchurch 8140
Tel 03 364 8527
Email ruth.helms@otago.ac.nz

Forensic Psychiatry
Principles and practice of forensic psychiatry.

QUALIFICATION
Postgraduate Certificate in Health Sciences (PGCertHealSc) endorsed in Forensic Mental Health

PROGRAMME OF STUDY
The paper PSME 407 Forensic Psychiatry can be taken as part of a Postgraduate Certificate in Health Sciences (PGCertHealSc) endorsed in Forensic Mental Health in conjunction with other papers. This paper can also be taken as part of a 120 point Postgraduate Diploma in Health Sciences (PGDipHealSc) endorsed in Mental Health. The following papers are offered in 2016:

- **PSME 403 Nature, Extent and Assessment of Mental Disorders**
  30 points (first semester)
  Mental health disorders are highly prevalent and impact hugely on individuals, their families and society. This paper aims to promote an in-depth understanding of these conditions. It incorporates discussion of current psychological and neurobiological models, epidemiology and classification combined with knowledge about typical presentations. This paper has four compulsory 2-day workshops in Christchurch.
  Restriction: PSMX 401
  Limited to: MHealSc, PGCertHealSc, PGDipHealSc

NURS 403 Mental Health Nursing Practice
30 points (first semester)
Preparation of a theoretical basis for mental health nursing through the use of a problem-based learning approach, and the incorporation of critical social theory as a basis for reflection on mental health nursing practice. This paper has four compulsory 2-day block courses in Christchurch.
  Restriction: NURX 403
  Limited to: MHealSc, PGCertHealSc, PGDipHealSc

Further information
Judith Stone
Departmental/Postgraduate Administrator
Department of Psychological Medicine
University of Otago, Christchurch
PO Box 4345, Christchurch 8140
Tel 03 372 0404
Email judith.stone@otago.ac.nz
General Practice

QUALIFICATIONS

Postgraduate Certificate in General Practice (PGCertGP)
Postgraduate Diploma in General Practice (PGDipGP)
Master of General Practice (MGP)
Postgraduate Certificate in Travel Medicine (PGCertTravMed)
Postgraduate Diploma in Travel Medicine (PGDipTravMed)

PROGRAMMES OF STUDY

Postgraduate Certificate in General Practice (PGCertGP)
Postgraduate Diploma in General Practice (PGDipGP)
The core content of these qualifications is either New Zealand Primary Health Care (PRHC 701) or Nature of Medical Practice (GENA 820), plus additional approved papers to a total value of 60 points for the postgraduate certificate or 120 points for the postgraduate diploma.

The programme of study includes audioconferences and residential workshops; one paper is taken each semester or each year on a part-time basis, usually over three to five years. When the required papers are completed and a Postgraduate Diploma in General Practice awarded, students may complete a master's degree with either a research thesis or an approved paper and research portfolio.

Papers are taught from either the Dunedin or Wellington campus. Each paper states the campus from which it is taught. In summary, GENA 792-795, and GENA 719-720, GENA 731-735, plus HASC 417 and PRHC 701-702 are taught from Wellington. GENA 717-718 and GENA 724-730; plus GENA 820-826 are taught from Dunedin.

The distance papers taught from Wellington in this section are also available for qualifications in Primary Health Care (later in this prospectus) and are open to health professionals mainly working in the primary sector. The papers taught from Dunedin are open to medical practitioners, and to non-medically qualified applicants on a case-by-case basis. All papers are taught from either the Dunedin or Wellington campus. Each paper states the campus from which it is taught. In summary, GENA 792-795, and GENA 719-720, GENA 731-735, plus HASC 417 and PRHC 701-702 are taught from Wellington. GENA 717-718 and GENA 724-730; plus GENA 820-826 are taught from Dunedin.

The following papers are offered in 2016: Either

GENA 820 Nature of Medical Practice (core paper) 30 points (full year)

The philosophical basis of medical practice; doctors and their relationship in the delivery of medical care. Reflective practice and the incorporation of theory into day-to-day medical work. A reflective examination of the philosophy and evolution of modern medical practice, doctors' experience of individual patient care and their role in the wider health service and society, the self of the patient and the doctor, and the patient-doctor relationship. Students will gain a deeper understanding of what it means to be a doctor, skills to manage "difficult" patients and consultations, and a great experience of collegiality. This paper has two compulsory weekend residencies in Dunedin.

Restriction: GENX 712

Limited to: MHealsc, PGCertGP, PGDipGP, PGDipRPHP, PG DipHealsc, and/or PRHC 701 New Zealand Primary Health Care (core paper) 30 points (first semester)

This paper is especially relevant for anyone working in a primary care and integrated care setting or for a PHO, including GPs, practice nurses, other primary care nurses, pharmacists, managers, and primary care administrators. It introduces the theoretical basis of primary health care, concepts about provision of primary health care, and provides a framework in which specific areas of clinical knowledge and skill can be accommodated. It assumes experience working in the current primary health care sector in New Zealand, and builds on that experience with a strong interdisciplinary focus. This paper has two compulsory residential conferences in Wellington.

Restriction: PRHX 701

Limited to: PGCertGP, PGDipGP, PGCertPHC, PGDipPHC, PGDipRPHP, MHealsc, PGDipRPHP.

GENA 708 Special Topic

30 points (full year; each semester)

In approved circumstances, individual students can undertake a supervised research project after showing necessary competence in other papers. Supervision from either Department of General Practice, Dunedin or Department of Primary Health Care, Wellington.

Restriction: GENX 708

Limited to: PGCertGP, PGCertPHC, PGDipGP, PGDipPHC, PGDipRPHP, PGDipTravMed.

GENA 713 Travel Medicine 1: Introductory Concepts 30 points (first semester)

An overview of Travel Medicine as a specialty area of practice covering the principles of preparing the intending traveller with a focus on prevention, and a detailed knowledge of vaccine preventable illness and travel vaccines. This paper has one compulsory residential conference in Wellington.

Restriction: GENX 713

Limited to: PGCertTravMed, PGDipTravMed, PGDipGP, PGCertGP, PGDipGP, PGCertPHC, PGDipRPHP.

GENA 719 Tropical Infectious Disease 30 points (first semester)

30 points (first semester)

Overview of the key concepts of tropical infectious disease. Students will gain a good general understanding of tropical infectious diseases, their epidemiology, diagnosis and management. This paper has one compulsory residential conference in Wellington.

Restriction: GENX 716


GENA 731 Supporting Healthier Lifetyles: Core Principles 15 points (first semester)

Evidence-based strategies and a patient-focused, self-efficacy approach to support patients in achieving changes in lifestyle behaviours. This paper has one compulsory residential conference in Wellington.

Restriction: GENX 712


GENA 733 Supporting Healthier Lifetyles: Tackling Obesity 15 points (first semester)

Explores evidence based strategies and interventions designed to address the issue of being overweight and/or obese. An overview of effective primary health care management approaches and support patients to achieve health through healthier lifestyle behaviours. This paper has one compulsory residential conference in Wellington.

Limited to: PGCertPHC, PGDipGP, MHealsc, PGDipHealsc, PGDipRPHP, PGCertGP, PGDipRPHP.

HASC 417 Health Sciences Research Methods 30 points (full year)

An introduction to research methods used in the health sciences including biostatistical concepts essential to the design and analysis of a quantitative research project and a range of qualitative approaches to research. This paper has three compulsory residential workshops in Wellington.

Restriction: HASC 417


PRHC 702 Wilderness and Expedition Medicine 30 points (second semester)

A paper and book particularly suitable for those working in primary health care. Includes historical, social and political contexts for Māori health including the Treaty of Waitangi. This paper has one compulsory residential conference in Wellington.

Restriction: GENX 704

Limited to: PGCertGP, PGCertPHC, PGDipGP, PGDipPHC, PGDipRPHP, MHealsc, PGDipGP.

GENA 799 Long-term Condition Management 30 points (second semester)

Principles of effective long-term condition management, including models of care, practice-based resources, cultural competence, patient self-management, early detection, impact of chronic conditions, and end-of-life care. This paper has one compulsory residential conference in Wellington.

Restrictions: NURX 427, NURS 427, GENX 709


GENA 714 Travel Medicine 2: Applied Concepts 30 points (second semester)

Specific clinical concerns of travellers with special needs and specific clinical contexts, applying the principles from Travel Medicine 1. This paper has one compulsory residential conference in Wellington.

Prerequisite: GENX 713 or GENX 713

Restrictions: GENX 715, GENX 714

Limited to: PGCertTravMed, PGDipTravMed.

GENA 732 Supporting Healthier Lifetyles: Sleep Management 15 points (second semester)

Sleep disorders commonly associated with health risk factors and illnesses, and treatment guidelines for primary/integrated care health care settings. This paper has one compulsory residential conference in Wellington.


PRHC 702 Wilderness and Expedition Medicine 30 points (second semester)

Overview of planning and preparation for activities including expeditions in wilderness environments. This includes medical problems associated with these environments and providing medical care in the outdoors. This paper has one compulsory residential conference.


The following 800-level papers GENA821-826 are taught from Dunedin:

GENA 824 Ethics in General Practice 15 points (second semester)

Code of practice, medico-legal obligations and practical ethical conundrums in general practice. This paper has one compulsory residential weekend.

Restriction: GENX 824


GENA 826 Special Topic 15 points (each semester)

A course is taught on a topic of relevance in general practice. The topic and content vary, taught by visitors to the department and by department staff.

Restriction: GENX 826

The following papers are not offered in 2016:

GENA 702 Sexual and Reproductive Health

GENA 710 Mental Health and Illness in Primary Care

GENA 711 Long-term Condition Management (Advanced)

GENA 720 Refugee and Migrant Health

GENA 734 Supporting Healthier Lifetyles: Addiction and Drug abuse

GENA 735 Supporting Healthier Lifetyles: Challenging Conversations

GENA 736 Pacific Health

GENA 821 Research Methods

GENA 822 Advanced Practice of General Practice

GENA 823 Teaching and Learning in Medical Practice

GENA 825 Culture, Health and Society

Further information

Wellington papers
Postgraduate Co-ordinator
Department of Primary Health Care and General Practice
University of Otago, Wellington
PO Box 7433, Wellington 6542
Tel: 04 385 5995
Email: primarycare.distance@otago.ac.nz
Web: otago.ac.nz/studyprimaryhealthcare
**Hazard Assessment and Management**

With more legislation and stricter standards in New Zealand, there is a growing demand for people qualified to respond to societal concerns over health, hazard assessment and management. Legislation such as the Hazardous Substances and New Organisms Act 1996 means there is a demand for personnel who not only are trained in the appropriate scientific principles and practices, but also have a reliable knowledge of the legislative requirements.

**QUALIFICATIONS**
- Postgraduate Diploma in Health Sciences (PGDipHealSc) endorsed in Hazard Assessment and Management
- Postgraduate Certificate in Health Sciences (PGCertiHealSc) endorsed in Hazard Assessment and Management

**PROGRAMME OF STUDY**

The postgraduate diploma and certificate programmes in Health Sciences (PGDipHealSc, PGCertiHealSc) endorsed in Hazard Assessment and Management will provide further qualifications for professionals in a variety of disciplines and occupations involving hazard assessment and management.

- **Postgraduate Diploma in Health Sciences (PGDipHealSc)** endorsed in Hazard Assessment and Management
  - The diploma requires papers to the value of 120 points from the papers listed below.

- **Postgraduate Certificate in Health Sciences (PGCertiHealSc)** endorsed in Hazard Assessment and Management
  - The certificate requires papers to the value of 60 from the papers listed below.

**HAZA 409 New Organisms: Risk Assessment and Management 20 points (each semester)**

- New organisms, New Zealand: historical and legislative view; entry of new organisms; examples of risk assessment and management systems for established, new and potential organisms, including genetically modified organisms. This paper has one compulsory on-campus workshop.

  **Restriction:** HAZX 409

**OCCH 401 Occupational Health 30 points (first semester)**

- Introduction to occupational health with an emphasis on the prevention of ill health caused by workplace hazards. This paper has a one-day compulsory block weekend workshop in Dunedin.

  **Restriction:** OCCHX 401

**OCCH 404 Environmental Risk Assessment and Management 20 points (second semester)**

- Principles and practices underling the identification, assessment, prevention, remediation and compliance requirements associated with environmental risks and hazards in today's society. This paper has a compulsory on-campus workshop.

  **Restriction:** HAZX 409

- **Further information**

  - **HAZA 401 Management of Chemical Hazards 20 points (first semester)**
    - Principles that guide the identification and practical treatment of chemical hazards in today's society.
    - **Restrictions:** CHEM 477, CHEX 466, HAZX 401
  
  - **HAZA 402 Basic Toxicology 20 points (each semester)**
    - Principles underlying identification, prevention, remediation and compliance associated with toxicological hazards in today's society.
    - **Restriction:** HAZX 405
  
  - **HAZA 406 Risk Management Law 1 20 points (first semester)**
    - **Restriction:** HAZX 406

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**Health Informatics**

**NOTE:** The current PGDipHealInf degree is being phased out and we are not accepting new enrolments.

Electronic information systems are revolutionising health-care practice, research and education. Managing information efficiently improves patient satisfaction and makes time for new aspects of practice and for learning. Many health-care professionals realise they need skills in finding and using information, and in assessing information systems.

**QUALIFICATION**
- Postgraduate Diploma in Health Informatics (PGDipHealInf)

**PROGRAMME OF STUDY**
- **Postgraduate Diploma in Health Informatics (PGDipHealInf)**
  - The Postgraduate Diploma in Health Informatics (PGDipHealInf) is a joint initiative between the University of Otago’s Dunedin School of Medicine (Health Sciences) and the Department of Information Science (Commerce). It is intended for health-care professionals whose focus may be clinical-care delivery, management, education, quality assurance, information systems, or research. The programme consists of two core papers (HEIN 701 and 702) and any two of five other papers. The availability of each paper is subject to there being a sufficient number of registrations.

The following papers are offered in 2016:
- **HEIN 706 Research Methods for Health Informatics 20 points (second semester)**
  - This paper teaches retrieval techniques, database design, data management and analysis for clinical audit or research with practical examples using commonly available software packages. The participant will learn about the research process including methods for collaborating using the internet, presentation of results, and bibliographic management.
  - **Restriction:** HEIX 706
  - Limited to: PGDipHealInf, PGDipHealSc, MPHSc, MHealSc, MTravMed, PGCertiHealSc, MHealSc, MHealSc
  - **HEIN 702 Principles of Health Informatics 30 points (second semester)**
  - A survey of the field including integrated health information system components and architecture, the electronic media record, telemedicine, artificial intelligence, geographic information systems, decision making, social and ethical issues. The focus is on the application of information and telecommunication technology in health care.
  - **Advanced understanding of Health Informatics.**
  - Pre or corequisite: HEIX701 or HEIN701
  - **Restriction:** HEIX 702
  - Limited to: MHealSc, PGDipHealSc, PGDipHealInf

The following papers are not offered in 2016:
- **HEIN 703 Health Information Systems 30 points (second semester)**

**Further information**

- Professor Michael Winkloff
  - Director of Health Informatics
  - Department of Information Science
  - University of Otago
  - PO Box 56, Dunedin 9054
  - Tel: 03 479 8386
  - Email: michael.winkloff@otago.ac.nz

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**Human Nutrition**

There is a need for formal postgraduate education to enhance the human nutrition knowledge and skills of New Zealand health and education professionals. The Department of Human Nutrition has an international reputation and proven track record in providing high quality, tertiary-level human nutrition education.

**QUALIFICATIONS**
- Postgraduate Certificate in Health Sciences (PGCertiHealSc) endorsed in Human Nutrition
- Postgraduate Diploma in Health Sciences (PGDipHealSc) endorsed in Human Nutrition
- Master of Health Sciences (MHealSc) endorsed in Human Nutrition

These three qualifications are intended for New Zealand health and education professionals who are seeking to develop or update their nutrition knowledge and skills in order to complement their work as nurses, pharmacists, general practitioners, dentists, dental therapists and hygienists, and health education or home economics teachers. These are tertiary, not professional, qualifications. It is emphasised that these qualifications do not prepare participants to practice as dietitians.

**PROGRAMMES OF STUDY**
- **Postgraduate Certificate in Health Sciences (PGCertiHealSc) endorsed in Human Nutrition**
  - The certificate programme is designed to update the nutrition knowledge of individuals currently working in the health-care or education sector and to provide an entry pathway for these individuals to return to tertiary studies and gain a postgraduate qualification.
  - The certificate programme consists of two 30-point distance-taught papers: NUTN 401 Principles of Human Nutrition (comparative) and one of NUTN 402 Nutrition and Health Promotion, NUTN 404 Nutrition and Chronic Disease, or NUTN 407 Advanced Sports Nutrition. The PGCertiHealSc endorsed in Human Nutrition is available to those with a Bachelor of Science (BSc), a Bachelor of Physical Education (BPhEd), a Bachelor of Consumer and Applied Science (BCApsc), Bachelor of Applied Science (BAppSc) degree that includes biological sciences (or equivalent qualification), a Health Science degree, or an acceptable tertiary-level qualification (e.g. nursing, pharmacy or physiotherapy). A background in nutrition is not required.
  - The PGCGertiHealSc (Human Nutrition) candidate will normally follow a programme of study for not less than one year of full-time study, or the equivalent in part-time study, complying with the requirements for the certificate within one year (full-time candidates) or two years (part-time candidates) of admission to the programme.
  - Students successfully completing the PGCGertiHealSc endorsed in Human Nutrition would be able to proceed, if they have at least a B average, to the postgraduate diploma programme (PGDipHealSc) endorsed in Human Nutrition.
- **Postgraduate Diploma in Health Sciences (PGDipHealSc) endorsed in Human Nutrition**
  - The diploma programme is designed to update the nutrition knowledge of individuals currently working in the health-care or education sector, and to provide an entry pathway for these individuals to continue tertiary studies and gain a postgraduate
NUTN 407/SPME 703 Advanced Sports Nutrition

A critical and in-depth analysis of current and topical issues in NUTN 407

Sufficient enrolments:

Nutrition) or PGDipDiet, with at least a B+ average.

Eligible students will be New Zealand-resident professionals with further approved papers (see above; may include the remaining Nutrition and Health Promotion, NUTN 404 Nutrition and Chronic Disease, and NUTN 407 Advanced Sports Nutrition. The remaining 30 points will be selected from an approved list of papers on the Health Sciences schedule (e.g. CHHE 701 Community Child Health, HASC 404 Health Care of the Elderly. PSMX 430 Motivating Behaviour Change 1, GENA 704 Tuhāaura Māori Health, HASC 417 Health Sciences Research Methods, PHCY 506 Research Methods, AVME 785 Research Methods, GENA 731 Supporting Healthier Lifestyles), or other approved papers to constitute a coherent and integrated programme. Students in the main centres may also select approved non-distance-taught postgraduate papers.

The PGDipHealSc (Human Nutrition) candidate will normally follow a programme of study for not less than one year of full-time study, or the equivalent in part-time study, completing the requirements for the diploma within two years (full-time candidates) or four years (part-time candidates) of admission to the programme.

Students successfully completing the PGDipHealSc endorsed in Human Nutrition would be able to proceed, if they have at least a B+ average, to a distance-taught master's programme.

Master of Health Sciences (MHealSc) endorsed in Human Nutrition

This programme may be undertaken either as a thesis option or a coursework option. Students interested in undertaking a MHealSc degree are advised to complete an approved 30-point research methods paper as part of their PGDipHealSc. A student who has completed the PGDipHealSc, first without an approved research methods paper will normally be required to complete such a paper before commencing a research thesis or dissertation.

The thesis option consists of four 30-point papers: NUTN 401 Principles of Human Nutrition, NUTN 402 Nutrition and Health Promotion, NUTN 404 Nutrition and Chronic Disease, and NUTN 407 Advanced Sports Nutrition; and 30 points of approved research methods paper and a 120-point thesis.

The coursework option consists of six 30-point papers: NUTN 401 Principles of Human Nutrition; two of NUTN 402 Nutrition and Health Promotion, NUTN 404 Nutrition and Chronic Disease, and NUTN 407 Advanced Sports Nutrition; and 30 points of approved research methods paper and 120-point coursework.

Eligible students will be New Zealand-resident professionals with a PGDipHealSc (Human Nutrition), PGDipHealSc (Community Nutrition), and/or PGCertDiet, with at least a B+ average.

Note: An elective paper for PGCertHealSc, PGDipHealSc, MHealSc endorsed in Human Nutrition, may also be taken by other approved students.

The following papers are not offered in 2016:

NUTN 401 Principles of Human Nutrition
NUTN 402 Nutrition and Health Promotion
NUTN 404 Nutrition and Chronic Disease

Further information

Department of Human Nutrition
University of Otago
PO Box 56, Dunedin 9054
Tel 03 479 7595
Email human-nutrition@otago.ac.nz
Web otago.ac.nz/humannutrition

Interpersonal Psychotherapy

This programme provides health-care workers with a knowledge base of IPT at an academic level. It enables participants to develop a deeper understanding of the process of IPT and to develop clinical skills. The programme is taught through the University of Otago, Christchurch.

QUALIFICATION

Postgraduate Diploma in Health Sciences (PGDipHealSc) endorsed in Interpersonal Psychotherapy

PROGRAMME OF STUDY

Postgraduate Diploma in Health Sciences (PGDipHealSc) endorsed in Interpersonal Psychotherapy

This 120-point diploma programme consists of PSME 427 together with two other PSME papers, including one or both of PSME 425 and 426.

The following papers are offered in 2016:

PSME 401 Nature, Extent and Assessment of Mental Disorders
30 points (first semester)

Mental health disorders are highly prevalent and impact hugely on individuals, their families and society. This paper aims to promote an in depth understanding of mental health disorders. It incorporates discussion of current psychological and neurobiological models, epidemiology and classification combined with knowledge about typical presentations. This paper has four compulsory 2-day workshops in Christchurch.

Restriction: PSMX 401
Limited to: MHealSc, PGCertHealSc, PGDipHealSc, PGDipPHC

PSME 404 Addiction Assessment
30 points (first semester)

A clinical paper addressing assessment, formulation, treatment planning and communicating clinical findings, in people with addiction and co-existing disorders. This paper has two 2-day block courses in Christchurch.

Restriction: PSMX 404
Limited to: MHealSc, PGCertHealSc, PGCertPHC, PGDipHealSc, PGDipPHC

PSME 422 Addiction Treatment
30 points (second semester)

A companion paper to PSME 404 addressing the clinical process of treatment and management of people with addiction and co-existing disorders, following assessment. This paper has two compulsory 3-day block courses in Christchurch.

Restriction: PSMX 402
Limited to: MHealSc, PGCertHealSc, PGCertPHC, PGDipHealSc, PGDipPHC

PSME 432 Introduction to Perinatal Psychiatry
30 points (second semester)

An outline of the full range of psychiatric disorders as they present during pregnancy and the first postnatal year. Also includes the adaptive demands on the mother and family during the perinatal period. This paper has two 2-day block courses in Christchurch.

Limited to: MHealSc, PGCertHealSc, PGDipHealSc
Note: Candidates must possess an appropriate health professional qualification and have at least two years' postgraduate clinical experience.

The following papers are not offered in 2016:

PSME 425 Introduction to Interpersonal Psychotherapy
PSME 426 Advanced Applications of Interpersonal Psychotherapy
PSME 427 Interpersonal Psychotherapy
PSME 429 Suicidal Behaviours, Research and Prevention

Further information

Judy Stone
Departmental/Postgraduate Administrator
Department of Psychological Medicine
University of Otago, Christchurch
PO Box 4345, Christchurch 8140
Tel 03 372 0404
Email judith.stone@otago.ac.nz

Medical Technology

Medical technology provides training for the individual just starting or wishing to work as a technologist in areas of cardiology, sleep medicine, or respiratory medicine. The programmes provide a deep understanding of normal and abnormal physiological function, the technology used in clinical practice, and commonly used therapeutic approaches.

QUALIFICATIONS

Postgraduate Certificate in Medical Technology (PGCertMedTech)
Postgraduate Diploma in Medical Technology (PGDipMedTech) endorsed in Cardiology
Postgraduate Diploma in Medical Technology (PGDipMedTech) endorsed in Sleep Medicine

PROGRAMMES OF STUDY

Postgraduate Certificate in Medical Technology (PGCertMedTech)
A one-year, part-time programme comprising two distance taught papers, MTEC 701 and MTEC 702, giving the student a solid introduction to cardiovascular, respiratory and sleep physiology, and the basics of physiological monitoring. This programme has one residential period in Wellington.

Postgraduate Diploma in Medical Technology (PGDipMedTech) endorsed in Cardiology
A two-year, part-time programme comprising four distance taught papers, MTEC 701-704, giving the student an understanding of cardiovascular disease and the technology involved in current cardiology. This programme has one 4-day residential period in Wellington.

Postgraduate Diploma in Medical Technology (PGDipMedTech) endorsed in Sleep Medicine
A two-year, part-time programme comprising four distance taught papers, MTEC 701, 702, 705 and 706, giving the student an understanding of sleep disorders, particularly sleep disorders breathing, and the technology and therapy commonly used in sleep medicine. This programme has one residential period in Wellington.

The following papers are offered in 2016:

MTEC 701 Biomedical Science for Medical Technicians 30 points (full year)
Cardiovascular physiology and pathophysiology, respiratory physiology and pathophysiology, the physiology of sleep, and respiratory and cardiovascular pharmacology. MTEC 701 and 702 have a combined compulsory residential course in Wellington.

Restriction: MTEC 701
Limited to: PGCertMedTech, PGDipMedTech

MTEC 702 Physiological Monitoring for Medical Technicians 30 points (full year)
The principles of physiological monitoring of cardiovascular, respiratory and neurological status, imaging, and the interpretation of physiological data. MTEC 702 and MTEC 701 have a combined compulsory residential course in Wellington.

Restriction: MTEC 702
Limited to: PGCertMedTech, PGDipMedTech
MTEC 703 Cardiovascular Science for Medical Technicians
30 points (full year)
The physiology of the cardiovascular system and changes in cardiovascular function in abnormal physiological and pathological conditions. MTEC 703 and 704 have a combined compulsory residential course in Wellington.
Prerequisite: MTEC 701 or MTEC 703
Restriction: MTEC 703
Limited to: PGDipMedTech
MTEC 704 Cardiovascular Technology
30 points (full year)
An understanding of the principles underlying the measurement of cardiovascular function, the interpretation of cardiovascular data, and therapeutic use of advanced cardiology technology. MTEC 703 and 704 have a combined compulsory residential course in Wellington.
Prerequisite: MTEC 702 or MTEC 702
Restriction: MTEC 704
Limited to: PGDipMedTech
MTEC 705 Sleep Medicine
30 points (full year)
An understanding of normal sleep and factors that alter sleep and wakefulness, and pathophysiological sleep disorders. MTEC 705 and 706 have a combined compulsory residential course in Wellington.
Prerequisite: MTEC 702, MTEC 702
Restriction: MTEC 705
Limited to: PGDipMedTech
MTEC 706 Sleep Technology
30 points (full year)
An understanding of principles underlying the measurement of sleep and sleep-related disorders, and appropriate therapeutic interventions. MTEC 705 and 706 have a combined compulsory residential course in Wellington.
Prerequisite: MTEC 702, MTEC 702
Restriction: MTEC 706
Limited to: PGDipMedTech
Further information
Chloe Wicksled
Musculoskeletal and Postgraduate Programme Co-ordinator
Department of Surgery and Anaesthesia
University of Otago, Wellington
PO Box 7343, Wellington 6242
Tel 04 918 5366
Email chloe.wicksled@otago.ac.nz
Web wmmeds.ac.nz/medtech.html

Mental Health
Papers on the nature, extent and assessment of mental disorders and other aspects of mental disorders are offered by the Department of Psychological Medicine at the University of Otago, Christchurch. These papers are designed for health professionals already working in the mental health area. The majority of the papers offered are taught by four 2-day block courses in Christchurch.

QUALIFICATIONS
Postgraduate Certificate in Health Sciences (PGCertHealScs) endorsed in Mental Health
Postgraduate Diploma in Health Sciences (PGDipHealScs) endorsed in Mental Health

PROGRAMMES OF STUDY
Postgraduate Certificate in Health Sciences (PGCertHealScs) endorsed in Mental Health
The Postgraduate Certificate in Health Sciences (PGCertHealScs) endorsed in Mental Health consists of PSME 401 or NURS 403, plus one other approved 30-point PSME paper, excluding PSME 401. The two papers can also be taken as part of a 120-point Postgraduate Diploma in Health Sciences (PGDipHealScs) endorsed in Mental Health.
Postgraduate Diploma in Health Sciences (PGDipHealScs) endorsed in Mental Health
The Postgraduate Diploma in Health Sciences (PGDipHealScs) endorsed in Mental Health consists of three approved papers from the PSME range, NURS 403, 404 (90 points), and other approved paper’s to the value of 30 points.
The following papers are offered in 2016:
PSME 401 Nature, Extent and Assessment of Mental Disorders 30 points (first semester)
Mental health disorders are highly prevalent and impact hugely on individuals, their families and society. This paper aims to promote an in-depth understanding of these conditions. It incorporates discussion of current psychological and neurological models, epidemiology and classification combined with knowledge about typical presentations. This paper has four compulsory 2-day workshops in Christchurch.
Restriction: PSMX 401
Limited to: MHealScs, PGCertHealScs, PGDipHealScs
PSME 405 Contemporary Approaches to Mental Health Practice 30 points (second semester)
Collaborative approaches that enhance the self-managing capacities of people experiencing mental disorders. Exploration of frameworks that underpin models of care and lead to more effective outcomes. This paper has four 2-day block courses in Christchurch.
Limited to: MHealScs, PGCertHealScs, PGDipHealScs
PSME 406 Special Topic: Research Methods: Mental Health 30 points (second semester)
This practical and academically orientated paper aims to upskilled health professionals in the science of research methods, particularly those related to mental health research. This paper has four 2-day block courses in Christchurch.
Restriction: PSMX 406
Limited to: MHealScs, PGCertHealScs, PGDipHealScs

Musculoskeletal Medicine/ Musculoskeletal Management
QUALIFICATIONS
Postgraduate Certificate in Musculoskeletal Medicine (PGCertMSM) endorsed in Musculoskeletal Management
Postgraduate Diploma in Musculoskeletal Medicine (PGDipMSM)

PROGRAMMES OF STUDY
For Medical Graduates:
Postgraduate Certificate in Musculoskeletal Medicine (PGCertMSM)
A Postgraduate Certificate in Musculoskeletal Medicine (PGCertMSM) is offered, consisting of three compulsory papers (MSME 701, 704 and 708) and one other optional distance-taught paper.
Postgraduate Diploma in Musculoskeletal Medicine (PGDipMSM)
The Postgraduate Diploma in Musculoskeletal Medicine (PGDipMSM) is for registered medical practitioners who wish to continue their education in musculoskeletal disorders, particularly those encountered in general practice. It is a 2- to 4-year part-time course of six compulsory (MSME 701, 702, 703, 704, 705, 706) and two optional papers taught by a combination of on-campus, distance, and online instruction.
For Other Health Professionals:
Postgraduate Certificate in Health Sciences (PGCertHealScs) endorsed in Musculoskeletal Management
This qualification consists of two compulsory papers (MSME 704 and 708), and two papers from MSME 703, 705, 706, 707, 710 or 711 (a total of 60 points).
Postgraduate Diploma in Health Sciences (PGDipHealScs) endorsed in Musculoskeletal Management
This qualification consists of three compulsory papers (MSME 704, 707, 708) – 45pts, plus further approved papers to the value of 75 points from the following – MSME 702, 703, 705, 706, 710, 711, PAIN 701, 702, 703, REHAB 701, 702, SPME 706. Students hoping to advance to a Masters programme by thesis are advised to include an approved 30 point research methods paper in their Diploma programme.
Master of Health Sciences (MHealScs) endorsed in Musculoskeletal Management
This qualification consists of three compulsory papers (MSME 704, 707, 708) – 45 points, an approved 30 point research methods paper, 45 points from further approved papers, and either a thesis (120 points) or a coursework pathway made up of further approved papers to the value of 90 points and a research project (130 points) – total 240 points.
The following papers are offered in 2016:
MSME 701 Clinical Diagnosis 15 points (first semester)
Clinical diagnosis and evaluation of patients with musculoskeletal pain and dysfunction. Emphasis is on learning musculoskeletal clinical examination and diagnostic skills, with an evidence-based approach to the use of manual skills and clinical tests. This paper is restricted to medical graduates, and is a prerequisite for MSME 709. Nine-day on-campus course. Restriction: MSMX 701
Limited to: PGCertMSM, PGDipMSM, PGCertHealScs, MHealScs
Note: Restricted to medical practitioners only.
MSME 704 Introduction to Pain 15 points (first semester)
An overview of the current understanding of pain as a multi-dimensional phenomenon, including pain concepts and history; the neuropathophysiology of peripheral and central
pain mechanisms, pain measurement, and the psychological, social, and economic aspects of both acute and chronic pain.

Restriction: MSMX 704
Limited to: MHealsc, PGCerrHealsc, PGCertMSM, PGCerrPHC, PGDipHealsc, PGDipMSM, PGDipPHC, PGDipPhy

MBSE 707 Regional Disorders – Spine
15 points (first semester)
An evaluation of the structure, function, disorders, and diseases of the vertebral column and its associated tissues. Includes an overview of anatomy, biomechanics, pathology, clinical assessment and treatment options.

Restricted to: MHealsc, PGCerrHealsc, PGCertMSM, PGDipHealsc, PGDipMSM, PGDipPhy, MPhy

MBSE 709 Clinical Therapeutics
15 points (first semester)
This paper is a progression from MSME 701. This is an on-campus, hands-on course, designed to teach postgraduate medical students specific practical clinical skills in the treatment of musculoskeletal disorders, including the assessment of efficacy according to the current evidence-based principles. Seven day practical on-campus course.

Prerequisite: MSME 701 or MSME 701
Restriction: MSMX 709
Limited to: MHealsc, MHealsc, PGDipMSM, PGCerrHealsc, MPhy

Note: Restricted to medical practitioners only.

MBSE 710 Recreational and Sports Injuries
15 points (first semester)
Evaluation and management of musculoskeletal injuries and disorders associated with recreational and sporting pursuits. This includes the epidemiology, biomechanics, and classification of sports injuries, and the principles of injury assessment, treatment and rehabilitation.

Limited to: MHealsc, PGCerrHealsc, PGCertMSM, PGDipHealsc, PGDipMSM, PGDipPhy, MPhy

MBSE 706 Regional Disorders – Limbs
15 points (second semester)
An evaluation of the structure, function, disorders and diseases of the limbs. Includes an overview of anatomy, biomechanics, pathology, clinical assessment and treatment options.

Restricted to: MHealsc, PGCerrHealsc, PGCertMSM, PGDipHealsc, PGDipMSM, PGDipPhy, MPhy

MBSE 708 Introduction to Pain Management
15 points (second semester)
Current understanding of the best practice principles for the management and treatment of all forms of musculoskeletal pain and dysfunction, including modern psychosocial approaches to pain therapy.

Restriction: MSMX 708
Limited to: MHealsc, MPhy, PGCerrHealsc, PGCertMSM, PGDipHealsc, PGDipMSM, PGDipPhy

MBSE 711 Pain Assessment
15 points (second semester)
This paper complements the two existing pain papers (MSME 704 and 708), and with them, provides a full and detailed overview of neurobiology, psychology, assessment, and treatment modalities available for pain.

Limited to: MHealsc, MPhy, PGCerrHealsc, PGCertMSM, PGDipHealsc, PGDipMSM, PGDipPhy

The following papers are not offered in 2016:

MSME 702 Musculoskeletal Tissues
15 points (second semester)
Further information
Departmental/Programmes Manager
Department of Orthopaedic Surgery and Musculoskeletal Medicine
University of Otago, Christchurch
PO Box 4354, Christchurch 8140
Tel 03 364 1096
Email msmandpainstudies@otago.ac.nz

Nursing
Registered nurses are offered the opportunity to advance their qualifications within their specialty area of practice. Studies are aligned with the requirements of the Nursing Council, Health Workforce NZ, and community requirements. Registered nurses considering study toward nurse practitioner status are advised to seek course counselling prior to admission.

Courses are both clinically and theoretically focused and will provide registered nurses (RNs) with advanced knowledge and skills. Eligibility for enrolment requires that the registered nurse:

- have registration as a nurse from a three year programme or course congruent with the Health Practitioner Competence Assurance Act 2003
- hold a current practising certificate, and
- currently work in a clinical setting

You are strongly advised to contact the Centre for Postgraduate Nursing Studies to discuss your programme of study.

Each paper will consist of a range of learning and teaching strategies including:

- on-campus study blocks
- online learning
- audio conferencing
- email and telephone communication
- Moodle (online learning management system).

QUALIFICATIONS
Postgraduate Certificate in Health Sciences (PGCertHealsc)
Postgraduate Diploma in Health Sciences (PGDipHealsc)

PROGRAMMES OF STUDY
Postgraduate Certificate in Health Sciences (PGCertHealsc)
The Postgraduate Certificate in Health Sciences (PGCertHealsc) has a number of endorsement options which enable registered nurses to advance in a specific area of practice. Each endorsement consists of two papers, usually completed in one year of part-time study.

Requirements for the endorsements are:

- Advanced Clinical Nursing NURS 405 and 416
- Nursing (Gerontology) NURS 405 and 426
- Nursing (Advanced Mental Health) NURS 403 and 404
- Nursing (High Acuity) NURS 405 and 411
- Nursing (Leadership and Management) NURS 423 and 424
- Nursing (Long-term Condition Management) NURS 427 and 428
- Nursing (Primary Health Care) NURS 405 and 413
- Nursing (Speciality Mental Health) NURS 403 and 409.

Postgraduate Diploma in Health Sciences (PGDipHealsc)
The Postgraduate Diploma in Health Sciences (PGDipHealsc) has two endorsement options which enable registered nurses to advance in a specific area of practice. Requirements for the endorsements are:

- Nursing: approved papers to the value of 120 points (typically, four 30-point papers) comprising two approved papers in nursing, an approved research methods paper worth 30 points (usually NURS 415) and one other approved paper worth 30 points.
- Nursing (Primary Health Care): NURS 405, 415, 416, 431, and an approved research methods paper worth 30 points.

The following papers are offered in 2016:

NURS 403 Mental Health Nursing Practice
30 points (first semester)
Provision of a theoretical basis for mental health nursing through the use of a problem-based learning approach, and the incorporation of critical social theory as a basis for reflection on mental health nursing practice. This paper has four compulsory 2-day block courses in Christchurch.

Restriction: NURS 403
Limited to: MHealsc, PGCerrHealsc, PGDipHealsc

NURS 405 Health Assessment and Advanced Nursing Practice
30 points (first semester)
Enables the registered nurse to demonstrate health assessment knowledge and skills to meet the competencies required for advancing nursing practice. A period of mentored practice will integrate physical, psychosocial assessment and pathophysiology in the nurse's specialty area. This paper has four compulsory block courses in Christchurch.

Restriction: NURS 405
Limited to: MHealsc, PGCerrHealsc, PGDipHealsc

NURS 415 Nursing Research Methods
30 points (first semester)
An advanced research methods paper designed to provide students with a working knowledge of a range of methods and analyses used in the field of nursing research. Content will include both qualitative and quantitative methodologies and address research ethics. This paper has two 3-day study blocks in Christchurch.

Restriction: NURS 415
Limited to: MHealsc, PGDipHealsc

NURS 423 Nursing – Leadership and Management
1
30 points (first semester)
An introduction to contemporary theories of leadership and management as integrated into the discipline of nursing. Includes the changing health care environment, the tasks of nursing management, the process of nursing leadership, and professional and ethical qualities of a leader in New Zealand. This paper has two 3-day study blocks in Christchurch.

Restriction: NURS 423
Limited to: MHealsc, PGCerrHealsc, PGDipHealsc

NURS 427 Long-Term Condition Management
30 points (first semester)
Principles of effective long-term condition management, including both practice clinical guidelines, practice-based resources, cultural competence, patient self-management, early detection, impact of chronic conditions, and end-of-life care. This paper has two 3-day study blocks in Christchurch.

Restrictions: GENX 709, GENA 709, NURS 427
Limited to: MHealsc, PGCerrHealsc, PGDipHealsc

NURS 429 Therapeutics for Advanced Nursing
30 points (first semester)
Consolidation of knowledge and skills for the Registered Nurse in physical and psychosocial assessment, pathophysiology, pharmacotherapeutics and diagnostic reasoning essential to safely prescribe and manage clients under supervision. This paper has two 3-day and one 2-day study blocks in Christchurch.

Limited to: MHealsc, PGDipHealsc

NURS 404 Advanced Mental Health Nursing Practice
30 points (second semester)
Advanced clinical practice in a mental health nursing context. Critique of practice and the application of research and theoretical principles to mental health nursing practice. This paper has four compulsory 2-day block courses in Christchurch.

Prerequisite: NURS 403 or NURS 403
Restriction: NURS 404
Limited to: MHealsc, PGCerrHealsc, PGDipHealsc

NURS 407 Centre for Primary Health Care
30 points (second semester)
Each paper has a one-day, two-day or two-day block course in Christchurch.

NURS 409 Mental Health Nursing Practicum
30 points (second semester)
Practicum offering clinical knowledge and skills for specialist mental health nursing and mental health care delivery. Critique of practice and application of research and theoretical principles to mental health nursing clinical practice.

Restriction: NURS 409
Limited to: MHealsc, PGCerrHealsc, PGDipHealsc

Note: Students must have had at least two years' clinical experience in a mental health context.

NURS 409 Mental Health Nursing Practicum
30 points (second semester)
Practicum offering clinical knowledge and skills for specialist mental health nursing and mental health care delivery. Critique of practice and application of research and theoretical principles to mental health nursing clinical practice.

Restriction: NURS 409
Limited to: MHealsc, PGCerrHealsc, PGDipHealsc

Note: Limited to nurses with no more than six months' clinical experience in a mental health specialty.

NURS 411 Nursing – High Acuity
30 points (second semester)
Professional skills and knowledge related to clinical competence in areas such as high dependency, critical care and emergency nursing. This paper has two 3-day study blocks in Christchurch.

Restriction: NURS 411
Limited to: MHealsc, PGCerrHealsc, PGDipHealsc
NURS 413 Primary Health Care Nursing – Rural/Urban
30 points (second semester)
This paper addresses specialist knowledge, problem-solving skills and technical competencies required in rural nurse practitioner roles. It involves critique of practice and the application of research and theoretical principles to attain best practice standards. Students determine their focus as rural or urban studying their own scope of practice. This paper has two 2-day study blocks in Christchurch.

Restriction: MHealSc, PGCertHealSc, PGDipHealSc

NURS 416 Nursing – Applied Pharmacology
30 points (second semester)
Covers basic sciences and pharmacology informing registered nurse practice. Provides registered nurses with legal, ethical, prescribing and drug administration frameworks as described by the Nursing Council of New Zealand. This paper has two 2-day study blocks in Christchurch.

Restriction: NURX 416
Limited to: MHealSc, PGDipHealSc, PGCertHealSc

NURS 418 Nursing Education – Principles and Practice
30 points (second semester)
Addresses the principles of education theory and practice related to clinical and nursing education settings. Pedagogical approaches are introduced and the socio-political foundations for nursing education are evaluated. This paper has three 2-day study blocks in Christchurch.

Restriction: NURX 418
Limited to: MHealSc, PGDipHealSc, PGCertHealSc

NURS 419 Special Topics: Aging and Mental Health
30 points (second semester)
This paper focuses on common psychiatric presentations and the promotion of mental wellbeing within the context of ageing. The paper explores the fundamental sciences of ageing from physiological, psychological, sociological and epidemiological perspectives and advances theoretical knowledge and clinical skills to facilitate practice which is tailored to meet the needs of individuals and their families/whānau in hospital and community settings. Psychopathology and clinical assessment skills are considered including the use of screening tools and tests. This paper has three 2-day study blocks in Christchurch.

Restriction: NURX 419
Limited to: MHealSc, PGDipHealSc, PGCertHealSc

NURS 420 Long-Term Condition Management (Advanced)
30 points (second semester)
Principles of ongoing, culturally appropriate long-term condition management, including implementation of illness prevention, patient self-management approaches, integrated care, end-of-life care, population-based approaches, and change management processes. This paper has two 3-day and one 2-day study blocks in Christchurch.

Prerequisite: (NURX 427 or NURS 427) or (GENX 709 or GENA 709)
Restrictions: GENX 711, GENA 711, NURS 428
Limited to: MHealSc, PGDipHealSc, PGCertHealSc

NURS 433 Intellectual Disability: Theory into Practice
30 points (second semester)
The application of philosophical frameworks within practice to support individuals to optimise health, behavioural challenges and services access for people with intellectual disability across the lifespan. This paper has two 2½ day study blocks and three online study days.

Limited to: MHealSc, PGDipHealSc

The following papers are not offered in 2016:

NURS 420 Special Topic
NURS 421 Special Topic

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University of Otago, Christchurch
PO Box 4345, Christchurch 8140
Tel 03 364 3852
Email nursings@otago.ac.nz
Web otago.ac.nz/christchurch/departments/nursing/
For Mental Health papers: NURS 403, 404 and 409, contact:
Judith Stone
Department/Postgraduate Administrator
Department of Psychological Medicine
University of Otago, Christchurch
PO Box 4345, Christchurch 8140
Tel 03 372 0404
Email judith.stone@otago.ac.nz

Obstetrics and Medical Gynaecology

Aspects of everyday practice are presented by experts in the field, and current controversies and daily dilemmas are discussed by the students in a supportive and stimulating audioconference. The papers offered are suitable for doctors, midwives, family planning trainees, GPs and continuing medical education registrants. Papers may be studied as stand-alone subjects or for credit towards two qualifications.

QUALIFICATIONS
Postgraduate Certificate in Women's Health (PGCertWHlth)
Postgraduate Diploma in Obstetrics and Medical Gynaecology (PGDipOMG)

PROGRAMS OF STUDY
Postgraduate Certificate in Women's Health (PGCertWHlth)

The 60 point Postgraduate Certificate in Women’s Health (PGCertWHlth) requires completion of three of the four distance-taught papers and one residential course (OBGY 718 or 719). The four distance-taught papers are OBGY 712, 713, 715, 716 (18 points each). Each of these papers consists of six 2 hour evening audioconferences conducted fortnightly and take 12 weeks to complete. Each paper is assessed by six topic-based assignments and a multiple choice examination at the end of the 12 weeks which can be sit at your local centre. The topics covered are listed in the online paper guide.

Postgraduate Diploma in Obstetrics and Medical Gynaecology (PGDipOMG)
The 120 point Postgraduate Diploma in Obstetrics and Medical Gynaecology (PGDipOMG) requires completion of four distance-taught papers and two residential courses to be completed over the minimum time of 12 months. There is also a clinical assessment examination, OBGY 717. This examination can be taken after a minimum clinical experience of six months following satisfactory completion of a logbook. This takes place annually in November and alternates between Wellington and Auckland as a venue.

Note: (i) These papers are designed for the continuing professional education of health professionals involved in the provision of women’s health care, and are compulsory papers for the Postgraduate Diploma in Obstetrics and Medical Gynaecology. (ii) Limited to 18 students per semester. (iii) For more information: otago.ac.nz/womens-health

The following papers are offered in 2016:

OBGY 712 Pre and Early Pregnancy Care
18 points (9 Feb-24 Mar; 5 July-18 Aug)
Contraception, pre-pregnancy counselling, antenatal education, the provision of antenatal care, early pregnancy complications to include miscarriage, ectopic pregnancy, hyperemesis, grief reaction, fetal abnormality, differential diagnosis of lower abdominal pain in early pregnancy.

Restriction: OBGY 712
Limited to: PGCertWHlth, PGDipOMG

OBGY 713 Pregnancy Care in the Community
18 points (5 Apr-13 Jun; 30 Aug-8 Nov)
Introduction to audioconferencing, communication and counselling skills, sexual assault management, preliminary labour ward management, preliminary gynaecology history and examination, introduction to ultrasound. There will be two 3-day residential courses in Christchurch: 25-27 May, and 30 November - 2 December.

Restriction: OBGY 713
Limited to: PGCertWHlth, PGDipOMG, CoP

OBGY 717 Obstetrics and Gynaecology Residential Course
2 points (11 May-3 Jun; 8 Jul-24 Oct)
Revision of topics selected by candidates and tutors, obstetrics and gynaecology databases, New Zealand clinical management guidelines related to obstetrics and gynaecology. The late June content and format will be similar to early June and November OBGY 719, but will focus on more primary care based issues and gynaecological procedural skills useful in primary care.
ENGLISH LANGUAGE AND COMPARATIVE LITERATURE

This course is most appropriate for those planning a career in primary care. There will be three 3-day residential courses in Christchurch: 1-3 January, 22-24 June, and 16-18 November.

Restriction: OCRX 719
Limited to: PGCertWHlth, PGDipOMG, CoP

Further information
Amanda Phillips
Distance Learning Co-ordinator
Dunedin School of Medicine
PO Box 913, Dunedin 9054
Tel 64 3 470 9688
Email whc.distancelearning@otago.ac.nz

Occupational Health and Safety
Training is offered in occupational health and safety for health science graduates, other graduates who may wish to pursue a career in health and safety, and people who are already working in the field.

QUALIFICATIONS
Postgraduate Certificate in Health Sciences (PGCertHealSc) endorsed in Occupational Health
Postgraduate Diploma in Health Sciences (PGDipHealSc) endorsed in Occupational Health

PROGRAMMES OF STUDY
Postgraduate Certificate in Health Sciences (PGCertHealSc) endorsed in Occupational Health
The Postgraduate Certificate in Health Sciences endorsed in Occupational Health consists of two compulsory papers (OCCH 401 and 402).

Postgraduate Diploma in Health Sciences (PGDipHealSc) endorsed in Occupational Health
The Postgraduate Diploma in Health Sciences endorsed in Occupational Health consists of four papers (OCCH 401, OCCH 402, an approved research methods paper, and one other approved paper).

The following papers are offered in 2016:
OCCH 401 Occupational Health
30 points (first semester)
Introduction to occupational health with an emphasis on the prevention of ill health caused by workplace hazards. This paper has one 3-day compulsory block weekend workshop in Dunedin.
Restriction: OCCH 401
Limited to: MHealSc, MPhy, PGCertHealSc, PGDipHealSc, PGDipPhy

OCCH 402 Occupational Safety
30 points (second semester)
Introduction to workplace safety with an emphasis on managing health and safety systems and resources. This paper has one 3-day compulsory block weekend workshop in Dunedin.
Restriction: OCCH 402
Limited to: MHealSc, MPhy, PGCertHealSc, PGDipHealSc, PGDipPhy

Further information
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Secretary
Department of Preventive and Social Medicine
Dunedin School of Medicine
University of Otago
PO Box 56, Dunedin 9054
Tel 64 3 479 7201
Email matt.foster@otago.ac.nz

Occupational Medicine
(See also: Aviation Medicine)
Programmes are offered for general practitioners interested in occupational medicine and for those who wish to pursue a full-time career in the discipline.

QUALIFICATION
Postgraduate Diploma in Industrial Health (DIH)

PROGRAMME OF STUDY
Postgraduate Diploma in Industrial Health (DIH)
The Postgraduate Diploma in Industrial Health (DIH) offers occupational health training to registered medical practitioners. The following paper is offered in 2016:
INDH 704 Research Methods in Occupational Health
30 points (second semester)
Study of the special skills in occupational informatics, epidemiology and biostatistics which will prepare the candidate for a research project, and enable the practitioner to interpret and evaluate research which affects the practice of occupational medicine. This paper has one 3-day compulsory block weekend workshop in Dunedin.
Restriction: INDX 704
Limited to: DIH, MHealSc, PGDipHealSc
INDH 704 requires a study weekend in Dunedin focusing on practical and epidemiological skills.

Further information
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Administrative Secretary
Department of Preventive and Social Medicine
Dunedin School of Medicine
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Tel 03 479 7201
Email matt.foster@otago.ac.nz

EMMA MACKIE
Master of Physiotherapy, endorsed in Sports Physiotherapy

“WHAT I LIKE ABOUT DISTANCE LEARNING IS THAT IT’S REALLY FLEXIBLE.”

While it's common for distance learning students to be juggling work, home and study commitments, not all are also competing to represent New Zealand at world championships.

Emma Mackie hopes to finish in the top eight in her 25-29 years category at the ITU Long Distance Triathlon World Championships in Weihai, China, this year.

Her preparation comes as she works as a physio in Havelock North and studies for her Master of Physiotherapy degree at Otago.

“It’s manageable,” Emma says of her workload.

“What I like about distance learning is that it’s really flexible. It gives you freedom to plan your study around your other commitments, so you can do as much as you want, when you want.

“I time my workload around my training and work, so I have life and study.

Don’t get her wrong, she says. She’s studying towards a master’s degree: “I expect to work hard – it’s not an easy degree.”

The degree contains both taught papers and a thesis. Emma is researching the effect of heat application to acute muscle injury and says she has learned much from working with lecturers she considers the “gurus” of physio.

Emma comes from Glasgow, Scotland, and trained as a physio at Queen Margaret University in Edinburgh before being recruited to work in New Zealand.

“Til worked here for a few years in private practice and in hospitals and am now doing contract work – but I wanted to expand my learning.

“Til heard Otago was the place in the world to learn physio, so here I am.”

She has enjoyed the on-campus portions of her study. “It means I know who I am talking to and because it’s by distance: “You learn something and the next day you’re using it.”

Emma has enjoyed her fellow students coming from all over the world and contribute different cultures and different ideas, she says.

“The learning has been invaluable,” she says.

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Ophthalmology
The Department of Medicine, Ophthalmology section, offers a diploma for medical graduates with at least two years’ experience who either want to embark on a career in ophthalmology or are in a recognised training programme and wish to enhance their understanding of the ophthalmic basic sciences.

QUALIFICATION
Postgraduate Diploma in Ophthalmic Basic Sciences (PGDipOpthBSc)

PROGRAMME OF STUDY
Postgraduate Diploma in Ophthalmic Basic Sciences (PGDipOpthBSc)
The Postgraduate Diploma in Ophthalmic Basic Sciences (PGDipOpthBSc) consists of four 30-point papers. Part-time students have up to five years to complete the diploma.
The following papers are offered in 2016:

OPHT 801 Ophthalmic Anatomy
30 points (each semester)
Description: Anatomy of the eye, the visual pathways, the orbit, its contents and peri-orbital structures. The anatomy of the head and neck, neuranatomy and histology as it pertains to the visual system.
Restriction: OPHIX 801
Limited to: PGDipOpthBSc

OPHT 802 Ophthalmic Physiology
30 points (each semester)
Description: Physiology of the human eye and visual systems and related neurophysiology, including the scientific application of psychophysical testing as a basis for current and future ophthalmic clinical practice.
Restriction: OPHIX 802
Limited to: PGDipOpthBSc

OPHT 803 Ophthalmic Optics
30 points (each semester)
Description: The application of the principles of physical, geometric, physiological optics and ultrasonography to current and future ophthalmic clinical practice, including instruments which facilitate the examination of the human eye and the detection of abnormalities that may degrade image formation in the human eye.
Restriction: OPHIX 803
Limited to: PGDipOpthBSc

OPHT 804 Practical Ophthalmic Basic Sciences
30 points (13 Jun – 1 Jul)
The practical application of the principles of ophthalmic optics, anatomy and physiology to current and future ophthalmic clinical practice, including the use of equipment designed to assess or measure the functioning of the human eye, anatomical specimens, procedures and models to illustrate the ocular and related anatomy. This paper is taught in 1-week blocks in Dunedin.
Restriction: OPHIX 804
Limited to: PGDipOpthBSc

The following paper is not offered in 2016:

OPHT 805 Ocular Genetics
Further information
Dr Logan Mitchell
Ophthalmology Section, Medical and Surgical Sciences
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Email logan.mitchell@otago.ac.nz

Application inquiries to:
Jan Brezina
Department of Medicine
University of Otago
PO Box 913, Dunedin 9054
Tel 64 3 470 9193
Email jan.brezina@otago.ac.nz

Pain and Management
This suite of programmes is offered to all health professionals, including doctors, nurses, physiotherapists, podiatrists, occupational therapists, psychologists, oestropaths, and chiropractors.

Pain and Management is a discipline that has encouraged an enormous amount of research, knowledge, and specialisation in the last 10 or more years, and there is now a College of Pain Medicine in New Zealand. While the management of acute pain generates reasonable clinical results, the management of some aspects of chronic pain remains a significant clinical challenge.
The overall purpose of this programme is to provide an insight into current knowledge and theory regarding the generation of pain states, and to examine the potential for therapeutic outcome.

QUALIFICATIONS
Postgraduate Certificate in Health Sciences (PGCertHealSc)
15 points (second semester)
Endorsed in Pain and Pain Management

Postgraduate Diploma in Health Sciences (PGDipHealSc)
15 points (second semester)
Endorsed in Pain and Pain Management

Master of Health Sciences (MHealSc)
Endorsed in Pain and Pain Management

Further information
Departmental/Programmes Manager
Department of Orthopaedic Surgery and Musculoskeletal Medicine
University of Otago, Christchurch
PO Box 4345, Christchurch 8140
Tel 64 3 364 1066
Email mmsmpainstudies@otago.ac.nz
Web uoc.otago.ac.nz/departments/MSM
Pharmacy
Clinical pharmacy, whether practised in hospitals or community settings, is an evolving discipline focused on the safe, effective, rational and economic use of medicines. As the complexity of medicinal agents increases, there is a growing need for expert and independent advice on their usage. Pharmacists are well placed to offer such advice. Postgraduate programmes in clinical pharmacy integrate pharmaceutical and clinical knowledge and help students communicate this knowledge effectively.

Pharmacists and other health professionals work in a rapidly changing health sector and society. With the diversity of clients and changing expectations of health professionals, the social pharmacy postgraduate programme aims to increase understanding of human behaviour, culture, politics and the social context of health care. This provides a postgraduate qualification for students who wish to specialise in social pharmacy. The required papers for the PGDipPharm endorsed in Social Pharmacy are any two from PHCY 541, 547, 548, or an alternative approved paper to the value of 30 points.

Pharmacy Diploma in Clinical Pharmacy (PGDipClinPharm)
Candidates for the diploma must hold the degree of Bachelor of Pharmacy, or have an equivalent qualification or experience acceptable to the Pro-Vice-Chancellor (Health Sciences) and be registered to practise as pharmacists in their country of residence. The diploma may be achieved by passing any four of PHCY 522, 525, 541, 542, or by passing PHCY 512, 525, 541 and 542.

Master of Clinical Pharmacy (MClinPharm)
The master's programme in clinical pharmacy is designed to take students in a range of professional areas including advanced clinical practice, pharmaceutical care, management, international pharmacy practice and research. The master's programme consists of either two papers and a dissertation, or the Research Methods paper plus a thesis (in this latter setting, students must have previously passed the Advanced Clinical Pharmacy paper as part of the postgraduate diploma). The degree consists of the following: PHCY 506 and PHCY 512, and submitting a research dissertation (PHCY 590), or PHCY 506 and submitting a thesis (PHCY 59A) having previously passed PHCY 512.

Postgraduate Certificate in Pharmacist Prescribing (PGCertPharmPres)
Candidates for the certificate must hold the qualification of Postgraduate Diploma in Clinical Pharmacy, or have an equivalent qualification or experience acceptable to the Pro-Vice-Chancellor (Health Sciences) and be registered to practise as a pharmacist in their country of residence. The programme consists of two papers: PHCY 601 and 602.

The following papers are offered in 2016:

PHCY 525 Core Clinical Pharmacy 30 points (full year)
Medication in the treatment of diseases including cardiovascular, endocrine, mental health, infectious diseases, and respiratory. This paper has two compulsory 2-day weekend workshops. Restrictions: PHCY 522, 525, 527. PHCY 525 and PHCY 512 Limited to PGCertClinPharm
Note: May not be offered if fewer than five students enrol.

PHCY 512 Advanced Clinical Pharmacy 30 points (first semester)
Special topics in clinical pharmacy, with particular reference to multiple problems often encountered in all sectors of pharmacy practice. This paper has two compulsory weekend workshops. Prerequisite: PHCY 525 or PHCY 527
Restriction: PHCY 512
Limited to: M ClinPharm, PG DipClinPharm
Note: May not be offered if fewer than three students enrol.

PHCY 522 Applied Clinical Pharmacy 1 30 points (first semester)
Medication in the treatment of diseases including cardiovascular and respiratory disorders, diabetes, and rheumatological, gastrointestinal, renal, and hepatic disorders. This paper has one compulsory 2-day weekend workshop in February. Restrictions: PHCY 522, 525, PHCY 522 Limited to M ClinPharm, PG DipClinPharm, PG DipHealthSci

PHCY 541 Medicines Information 30 points (first semester)
The use of drug information resources, information technology, literature searching and critical appraisal. Application of these techniques in pharmacy practice. This paper has two compulsory 2-day weekend workshops (February and May).
Restriction: PHCY 541
Limited to: PG CertPharm, PG DipClinPharm

PHCY 548 Pharmaceutical Policy 30 points (first semester)
Introduction to a range of issues and questions in pharmaceutical policy: developing and testing medicines, medicines availability, paying for medicines, and pharmacoconomics as a tool for decision-making. This paper has two compulsory 2-day weekend workshops.
Restriction: PHCY 548
Limited to: PG CertPharm, PG DipClinPharm, PG DipPhC

Note: May not be offered if insufficient numbers of students enrol.

PHCY 523 Applied Clinical Pharmacy 2 30 points (second semester)
Medication in the treatment of diseases including mental health, neurological disorders, women's health, dermatology, infection, and therapeutic drug monitoring and pharmacokinetics. This paper has a compulsory weekend workshop in July.
Restrictions: PHCY 523, 525, PHCY 525
Limited to: M ClinPharm, PG DipClinPharm, PG DipHealthSci

PHCY 542 Medicines Management 30 points (second semester)
The clinical application of medicines information to facilitate the provision of timely, accurate and relevant advice on medicines management for an individual. A problem-solving approach, with emphasis on case specific examples, is adopted. This paper has two compulsory 2-day weekend workshops (July and October).
Restriction: PHCY 542
Prerequisite or corequisite: PHCY 541 or PHCY 541
Limited to: PG CertPharm, PG DipClinPharm

PHCY 547 Medicines and Culture 30 points (second semester)
Information sources and critical assessment; approaches to studying medicines; cultural understandings of health, illness and medicines; implications for practice. This paper has two compulsory weekend workshops.
Restriction: PHCY 547
Limited to: PG CertPharm, PG DipClinPharm

PHCY 590 Dissertation 60 points (full year; each semester)
A supervised dissertation of up to 20,000 words presenting the results of an original study on a relevant topic in the student's area of interest within pharmacy.
Restrictions: PHCY 590, 591, PHCY 591
Note: Admission is subject to approval from the Dean of the School of Pharmacy.

PHCY 591 Dissertation 30 points (each semester)
A single-semester paper representing half of PHCY 590 (normally taken by approved students in the second semester and again in the first semester of the following year).
Restrictions: PHCY 590, PHCY 591
Note: Admission is subject to approval from the Dean of the School of Pharmacy.

PHCY 601 Principles of Prescribing 30 points (first semester)
Legal and ethical considerations; communication with patients and other health professionals; critical reasoning and decision-making; physical assessment and diagnostic skills; mechanisms of prescribing, pharmacoeconomic considerations. This paper has three compulsory weekend workshops.
Restriction: PHCY 601
Limited to: PG CertPharmPres

Note: (i) Students must be New Zealand registered pharmacists who are registered in New Zealand and hold a current position involving patient care and have been awarded a Postgraduate Diploma in Clinical Pharmacy (or equivalent qualification).

PHCY 602 Prescribing Practicum 30 points (second semester)
A practicum for prescribing; an experiential placement where the pharmacist develops experience in prescribing under the overarching guidance of a designated medical prescriber. This paper has three compulsory weekend workshops.
Restriction: PHCY 602
Limited to: PG CertPharmPres

Note: (ii) Students must be New Zealand registered pharmacists who are registered in New Zealand and hold a current position involving patient care and have been awarded a Postgraduate Diploma in Clinical Pharmacy (or equivalent qualification).

The following paper is not offered in 2016:

PHCY 524 Pharmacoeconomics and Drug Evaluation
Further information
Postgraduate Administrator
School of Pharmacy
University of Otago
PO Box 56, Dunedin 9054
Tel 64 3 479 7271
Email pharmacy.postgrad@otago.ac.nz
GENA 733 Supporting Healthier Lifestyles: Tackling Obesity 15 points (first semester)
Explore evidence based strategies and interventions designed to address the issue of being overweight and/or obese. An overview of effective primary health care management approaches to support patients to achieve health through healthier lifestyle behaviors. This paper has one compulsory residential conference in Wellington.
Limited to: PGCertPHC, PGDipPHC, MHealsc, PGDipHealsc, PGDipArts, PGCertRPHP, PGDipRPHP, PGDipGP.

HASc 417 Health Sciences Research Methods 30 points (full year)
An introduction to research methods used in the health sciences including biostatistical concepts essential to the design and analysis of a quantitative research project and a range of qualitative approaches to research. This paper has three compulsory research workshops in Wellington.
Restriction: HASc 417

GENA 704 Te Tāhauora Māori Health 30 points (second semester)
A theory and practice paper particularly suitable for those working in primary health care. Includes historical, social and political contexts for Māori health including the Treaty of Waitangi. This paper has one compulsory residential conference in Wellington.
Restriction: GENA 704

GENA 709 Long-term Condition Management 30 points (second semester)
Principles of effective long-term condition management, including models of care, practice-based resources, cultural competence, patient self-management, early detection, impact of chronic conditions, and end of life care. This paper has one compulsory residential conference in Wellington in September.
Restrictions: NURS 427, NURS 427, GENA 709

GENA 714 Travel Medicine 2: Applied Concepts 15 points (second semester)
Specific clinical concerns of travellers with special needs and specific clinical contexts, applying the principles from Travel Medicine 1. This paper has one compulsory residential conference in Wellington in September.
Prerequisite: GENA 713 or GENA 714
Restrictions: GENA 715, GENA 714
Limited to: PGCertTrevMed, PGDipTrevMed

GENA 732 Supporting Healthier Lifestyles: Sleep Management 15 points (second semester)
Sleep disorders commonly associated with health risk factors and illnesses, and treatment for primary/integrated care health settings. This paper has one compulsory residential conference in Wellington.

PHC 702 Wilderness and Expedition Medicine 30 points (second semester)
Overview of planning and preparation for activities including expeditions in wilderness environments. This includes medical problems associated with these environments and providing medical care in the outdoors. This paper has one compulsory residential conference in Wellington.
The following papers are not offered in 2016:

GENA 702 Sexual and Reproductive Health
GENA 710 Mental Health and Illness in Primary Care
GENA 711 Long-term Condition Management (Advanced)
GENA 720 Refugee and Migrant Health
GENA 734 Supporting Healthier Lifestyles: Addiction and Drug Abuse
GENA 735 Supporting Healthier Lifestyles: Challenging Conversations
GENA 736 Pacific Health

Further information
Postgraduate Co-ordinator (Wellington papers)
Department of Primary Health Care and General Practice
University of Otago, Wellington
PO Box 7343, Wellington 6242
Tel 04 918 5626
Email primarycare.distance@otago.ac.nz
Web otago.ac.nz/study/primaryhealthcare

Public Health
The Public Health qualifications were established to develop the theory, knowledge and skills needed to prepare students from a broad variety of backgrounds to work in public health and related fields. Papers may be studied for stand-alone subjects or for credit towards the Postgraduate Certificate in Public Health (PGCertPHC), Postgraduate Diploma in Public Health (DPH), and a Master of Public Health (MPH) degree. The intent is to foster in graduates the ability to critically assess the nature, magnitude and causes of public health problems and the evidence surrounding intervention from a range of perspectives. This approach reflects the multifaceted nature of the discipline.

QUALIFICATIONS
Postgraduate Certificate in Public Health (PGCertPHC)
Postgraduate Diploma in Public Health (DPH)
Master of Public Health (MPH).

PROGRAMMES OF STUDY
Postgraduate Certificate in Public Health (PGCertPHC)
The Postgraduate Certificate in Public Health (PGCertPHC) provides a University qualification focused on a specific area of public health. It is ideal for public health workers wanting to extend their knowledge and skills, as well as students who wish to obtain a postgraduate qualification in public health, but do not wish to undertake a Diploma or Masters degree. The certificate comprises four Public Health papers to the value of 60 points.

Postgraduate Diploma in Public Health (DPH)
The Postgraduate Diploma in Public Health (DPH) is designed to develop public health skills at the postgraduate level. Candidates are required to hold a degree or to have appropriate professional qualifications and experience. The programme is taught using a mixture of internal (on-campus) and compulsory online (cloud) papers by the University’s three medical schools. A wide variety of papers are available which cover many aspects of public health that are relevant to the individual. The diploma consists of eight public health papers to the value of 120 points, four of which are compulsory.

Master of Public Health (MPH)
The Master of Public Health (MPH) is an internationally recognised qualification for practitioners in the field of public health. It attracts a wide range of students with backgrounds in health, social and allied sciences.
Candidates for the degree of Master of Public Health (MPH) will have completed the Postgraduate Diploma in Public Health (DPH) or an equivalent qualification at an acceptable level of attainment. The course of study will consist of 120 points, comprised of either: a thesis to the value of 120 points, or two papers, including DPH papers not already completed, to the value of 60 points and a dissertation to the value of 60 points.
The following papers are offered in 2016:

• PUBH 722 Conducting Epidemiological Research in Developing Countries 15 points (11 Feb – 26 Aug)
Preparation for research (such as engagement with stakeholders, funding, ethics, project management), methodological issues (such as study design, participant selection, protocol development, data gathering, analysis), reporting findings and translation.
Prerequisite: PUBH 701 or PUBH 711 or PUBH 725
Limited to: MA, MHealsc, MPH, MSc, DPH, PGDipArts, PGDipHealsc, PGDipPHC, PGCertPH (Endorsed), PGCertRPHP

• PUBH 725 Applied Biostatistics 1 – Fundamentals 15 points (29 Feb – 15 Apr)
Introduction to the use of statistical methods in health sciences research. Descriptive and simple inferential statistics for discrete, continuous and right-censored data. Introduction to linear regression.
Restrictions: PUBH 708 or HASc 413
Limited to: MA, MAppSc, MClmPharm, MHealsc, MMLSc, MPH, MPharm, MSc, DPH, PGDipAppSc, PGDipArts, PGDipHealsc, PGDipMLSc, PGDipPharm, PGDipHealsc, PGCertPH
Law as a tool for public health: understand key concepts in public health law and ethics, overview relevant law in New Zealand, skills in research and analysis of current law. This paper has one 2-day workshop in Wellington.
Limited to: MA, MHealsc, MPH, DPH, PGDipArts, PGDipHealsc, PGDipPHC, PGCertPH (Endorsed), PGCertRPHP

Further information
Postgraduate Administrator (Dunedin papers)
Department of Preventive and Social Medicine
Dunedin School of Medicine
PO Box 56, Dunedin 9054
Tel 03 479 7205
Email debbie.payne@otago.ac.nz

Postgraduate Administrator (Wellington papers)
Department of Public Health
University of Otago, Wellington
PO Box 7343, Wellington 6242
Tel 04 385 5441
Email christie.hay@otago.ac.nz

Note: The prerequisite may be waived for students with an equivalent level of knowledge.
Restrictions: HASc 415, STAT 241, 341
Limited to: MA, MAppSc, MClmPharm, MHealsc, MPH, MPharm, MPHc, MGP, MPDipArts, PGDipArts, PGDipHealsc, PGDipMLSc, PGDipPharm, PGDipSci, PGCertPH

PUBH 774 Health Protection 15 points (25 Apr – 22 Jun)
Principles of protecting human health from environmental hazards and application to environmental health practice in New Zealand. Strong emphasis on developing conceptual, analytical and field-based skills for health protection. This paper has one field day in Wellington.
Limited to: MA, MHealsc, MPH, MSc, DPH, PGDipArts, PGDipHealsc, PGDipPHC, PGCertPH, PGCertRPHP

PUBH 738 Global Health Law and Global Health Ethics 15 points (25 Apr – 22 Jun)
Developing law for public health in contemporary society, law and non-communicable diseases; impact of globalisation and international law, ethical implications; relationships between global law for health and the environment. This paper has a 1-day workshop in Wellington.
Limited to: MA, MHealsc, MPH, DPH, PGDipArts, PGDipHealsc, PGDipPHC, PGCertPH, PGCertRPHP

PUBH 721 Methods for Epidemiological Research 15 points (5 Sept – 12 Nov)
An in-depth study of epidemiological methods and ideas used in conceptualisation, design, analysis and interpretation of studies of the distribution and determinants of disease in human populations.
Prerequisite: PUBH 701 or PUBH 711 and (HASc 413 or STAT 110 or STAT 115 or HASc 411 or HEAL 211 or PUBH 211)
Limited to: MA, MHealsc, MPH, MSc, DPH, PGDipArts, PGDipHealsc, PGDipPHC, PGCertPH, PGCertRPHP

PUBH 739 Special Topic Systematic Reviews 15 points (5 Sept – 12 Nov)
Introduction to the principles and practice of systematic reviews and meta-analysis, including the key steps in a systematic review, meta-analytical techniques, and the assessment of methodological quality of included studies. (Subject to final approval)
Limited to: MA, MHealsc, MPH, MSc, DPH, PGDipArts, PGDipHealsc, PGDipPHC, PGCertPH, PGCertRPHP
Radiation Therapy
This programme provides postgraduate education in support of the professional development and advanced scopes of practice for radiation therapists. The papers contain both theoretical and clinical aspects and are offered by the Department of Radiation Therapy at the University of Otago, Wellington.

QUALIFICATION
Postgraduate Certificate in Health Sciences (PGCertHealSc) endorsed in Radiation Therapy Advanced Practice

PROGRAMME OF STUDY
Postgraduate Certificate in Health Sciences (PGCertHealSc) endorsed in Radiation Therapy Advanced Practice
The Postgraduate Certificate in Health Sciences (PGCertHealSc) endorsed in Radiation Therapy Advanced Practice consists of two of the three papers listed below, and can be completed in any order. The papers will be delivered at an advanced level for radiation therapy graduates who have normally had at least two years’ clinical experience.

The papers will develop radiation therapy knowledge and skills in the areas of scientific basis for treatment, history taking and clinical assessment, evidence based regimes (which include imaging technologies, planning techniques, treatment options), toxicities and symptom management, clinical reasoning, brachytherapy, psycho-social issues and integrate this knowledge with reflection on clinical practice.

The following papers are offered in 2016.
RADT 401 Applied Radiation Therapy Advanced Practice 30 points (first semester)
Cancer cell biology, radiobiology, chemotherapy, hormone therapy, immunotherapy, including the planning and clinical assessment. Evidence based treatment and toxicities of breast, prostate, cervix/endometrial and colo-rectal sites. Symptom management. This paper has one 2-day residential workshop in Wellington. Restriction: RADX 401 Limited to: PGCertHealSc
Note: Applicants must be registered Radiation Therapists with at least two years’ graduate clinical experience.

RADT 402 Patient Centred Radiation Therapy Advanced Practice 30 points (second semester)
Quality of life assessment, supportive cancer care, cultural safety. Issues pertinent to working with family systems when one older adults such as falls and cognitive impairment. There is one 2-day compulsory seminar in Wellington.
Restriction: RADX 402 Limited to: PGCertHealSc

RADT 403 Brachytherapy Principles and Practice 30 points (second semester)
Radiation Therapy
Further information
Postgraduate Co-ordinator
Department of Radiation Therapy
University of Otago, Wellington
PO Box 7343, Wellington South 6242
Email: rtenquires.ouw@otago.ac.nz
Web: otago.ac.nz/wellington/departments/radiationtherapy/postgraduate/index.html

Rehabilitation
The Rehabilitation Teaching and Research Unit (RTRU) promotes best practice in rehabilitation. The postgraduate programme provides clinically-oriented academic training in rehabilitation for a wide range of health and related professions. The emphasis is on acquiring both practical skills and theoretical knowledge from an evidence-based perspective. Participants should become more effective in dealing with rehabilitation problems in clinical practice as well as widening their perspective on the application of rehabilitation principles in interdisciplinary teams. Critical appraisal skills are taught as part of the programme and students may be supported in developing their postgraduate study to master’s or PhD level. Students are required to have internet access as discussion groups and reading material are available online on a web-based teaching resource that is used extensively in most papers.

QUALIFICATIONS
Postgraduate Certificate in Health Sciences (PGCertHealSc) endorsed in Clinical Rehabilitation Postgraduate Certificate in Rehabilitation (PGCertRehab) Postgraduate Diploma in Rehabilitation (PGDipRehab) Master of Health Sciences (MHealSc) endorsed in Rehabilitation

PROGRAMMES OF STUDY
Postgraduate Certificate in Health Sciences (PGCertHealSc) endorsed in Clinical Rehabilitation
The Certificate comprises two papers, REHB 701 and REHB 710, taught over one year, using a combination of audioconferences, readings, and assignments, plus a residential seminar involving lectures, problem-solving sessions, and workshops in Wellington each semester. To undertake this certificate, students must be employed for 0.8 FTE by a district health board. There is one 2-day compulsory seminar in Wellington.
Restriction: RADX 401 Limited to: PGCertHealSc

Postgraduate Certificate in Rehabilitation (PGCertRehab)
Comprises the core paper REHB 701, plus one other REHB paper (excluding REHB 710 and 780), and is taught using a combination of audioconferences, readings and assignments, plus a residential seminar involving lectures, problem-solving sessions and workshops in Wellington each semester.
Restriction: RADX 402 Limited to: PGCertHealSc

Postgraduate Diploma in Rehabilitation (PGDipRehab)
Consists of four papers, REHB 701 AND one of REHB 710, 712, or approved research methods paper, AND two of REHB 703, 704, 706, 707, 709, 713, 714, 715 taught by a combination of audioconferences, readings and assignments, and a residential seminar involving lectures, problem-solving sessions and workshops in Wellington each semester.
Restriction: RADX 403 Limited to: PGCertHealSc

Master of Health Sciences (MHealSc) endorsed in Rehabilitation
The degree of Master of Health Sciences (MHealSc) endorsed in Rehabilitation is also available for students seeking training in rehabilitation research. The following papers are offered in 2016.
REHB 701 Rehabilitation Principles 30 points (first semester)
A broad framework for understanding rehabilitation practice including the ICF, goal planning, compensation systems and the ACC, ethical issues, team dynamics and the concept of transdisciplinary teams, cultural perspectives and person-centred rehabilitation. This paper has one 2-day compulsory seminar in Wellington. Restriction: REHB 701 Limited to: MHealSc, PGCertHealSc, PGCertRehab, PGDipRehab, PGDipHealSc, PGDipHealRehab, MPhty
REHB 703 Musculoskeletal Rehabilitation 30 points (first semester)
A rehabilitation perspective on the assessment and management of musculoskeletal syndromes including back pain, regional pain disorders (including OOS), inflammatory arthritis, osteoarthritis and limb amputation. This paper has one 2-day compulsory seminar in Wellington.
Restriction: REHB 703 Limited to: MHealSc, PGCertHealSc, PGCertRehab, PGDipRehab, PGDipHealSc, PGDipHealRehab, MPhty
REHB 704 Neurological Rehabilitation 30 points (first semester)
A rehabilitation perspective on the assessment and management of neurological conditions including stroke, subarachnoid haemorrhage, multiple sclerosis, traumatic brain injury, spinal cord injury and Parkinson’s disease. This paper has one 2-day compulsory seminar in Wellington.
Restriction: REHB 704 Limited to: MHealSc, PGCertHealSc, PGCertRehab, MPhty
REHB 707 Rehabilitation for the Older Adult 30 points (first semester)
The paper emphasises rehabilitation and management of conditions that cause impairment and activity limitation in older adults such as falls and cognitive impairment. There is one 2-day compulsory seminar in Wellington.
Restriction: REHB 707 Limited to: MHealSc, PGCertHealSc, PGCertRehab, PGDipHealSc, MPhty
REHB 709 Family Systems and Rehabilitation 30 points (first semester)
Issues pertinent to working with family systems when one member has a disabling condition. Exploration of how to think systemically, to assess the family system and to be equipped to work with whole or parts of families. This paper has one 2-day compulsory seminar in Wellington.
Restriction: REHB 709 Limited to: MHealSc, PGCertHealSc, PGCertRehab, PGDipHealSc, MPhty
REHB 710 Clinical Rehabilitation 30 points (second semester)
An integration of clinical rehabilitation practice through single case studies and clinical audit in association with clinical and academic mentors. This paper has one 2-day compulsory seminar in Wellington.
Restriction: REHB 710 Limited to: MHealSc, PGCertHealSc, PGDipHealSc, PGDipPhy, PGDipRehab, PGDipHealRehab, MPhty

REHB 710 Rethinking Rehabilitation 30 points (second semester)
Integration of the students’ reflections on their experience as clinician, consumer, funder/manager with research findings to evaluate contemporary and challenging rehabilitation process/outcome questions arising from their rehabilitation setting. This paper has one 2-day compulsory seminar in Wellington.
Restrictions: REHB 702, REHB 712 Limited to: MHealSc, PGCertHealSc, PGCertRehab, PGDipRehab, PGDipHealSc, MPhty
REHB 714 Personal and Psychological Factors in Rehabilitation 30 points (second semester)
An enquiry into personal and psychological factors that influence outcome in rehabilitation and long-term conditions. Identification of risk and protective factors in rehabilitation. This paper has one 2-day compulsory seminar in Wellington. Restriction: REHB 714 Limited to: MHealSc, PGCertHealSc, PGCertRehab, PGDipRehab, PGDipHealSc, PGDipPhy, PGDipRehab, PGCertHealSc, PGDipHealSc, MPhty

HASC 703 Working in Interprofessional Clinical Teams 30 points (second semester)
Analytical and practical application of research and theory about team culture, roles, development, decision-making, communication and distributive leadership to enhance clinical outcomes through increased effectiveness as an interprofessional team member. There is one residential period.
Restriction: HASC 703 Limited to: MHealSc, PGCertHealSc, PGCertRehab, MPhty

Note(s): May be taken by other approved students.

RADTH 706 Work Rehabilitation 30 points (second semester)
Understanding the workplace, workers and employers and using modern management techniques to reduce workplace injury and promote early return to work. This paper has one 2-day compulsory seminar in Wellington.
Restriction: REHB 706 Limited to: MHealSc, PGCertHealSc, PGCertRehab, PGDipRehab, PGDipPhy, PGDipHealSc, MPhty

RADTH 710 Clinical Rehabilitation 30 points (second semester)
An integration of clinical rehabilitation practice through single case studies and clinical audit in association with clinical and academic mentors. This paper has one 2-day compulsory seminar in Wellington.
Restriction: REHB 710 Limited to: MHealSc, PGCertHealSc, PGCertRehab, PGDipHealSc, PGDipPhy, PGDipRehab, MPhty

PGDIPPHC 703 Clinical Rehabilitation 30 points (second semester)
An integration of clinical rehabilitation practice through single case studies and clinical audit in association with clinical and academic mentors. This paper has one 2-day compulsory seminar in Wellington.
Restriction: PGDIPPHC 703 Limited to: MHealSc, PGCertHealSc, PGCertRehab, PGDipRehab, PGDipHealSc, PGDipPhy, MPhty

PGDIPPHC 710 Rehabilitation Principles 30 points (first semester)
A broad framework for understanding rehabilitation practice including the ICF, goal planning, compensation systems and the ACC, ethical issues, team dynamics and the concept of transdisciplinary teams, cultural perspectives and person-centred rehabilitation. This paper has one 2-day compulsory seminar in Wellington. Restriction: PGDIPPHC 710 Limited to: MHealSc, PGCertHealSc, PGCertRehab, PGDipRehab, PGDipHealSc, PGDipHealRehab, MPhty

PGDIPPHC 712 Rethinking Rehabilitation 30 points (second semester)
Integration of the students’ reflections on their experience as clinician, consumer, funder/manager with research findings to evaluate contemporary and challenging rehabilitation process/outcome questions arising from their rehabilitation setting. This paper has one 2-day compulsory seminar in Wellington.
Restrictions: PGDIPPHC 702, PGDIPPHC 712 Limited to: MHealSc, PGCertHealSc, PGCertRehab, PGDipRehab, PGDipHealSc, MPhty

PGDIPPHC 714 Personal and Psychological Factors in Rehabilitation 30 points (second semester)
An enquiry into personal and psychological factors that influence outcome in rehabilitation and long-term conditions. Identification of risk and protective factors in rehabilitation. This paper has one 2-day compulsory seminar in Wellington. Restriction: PGDIPPHC 714 Limited to: MHealSc, PGCertHealSc, PGCertRehab, PGDipRehab, PGDipHealSc, MPhty
GENA 724 Communication in Rural Hospital Medicine 15 points (first semester)
Clinical skills, knowledge and values required in the rural hospital setting for psychiatry, palliative care, and communication with patients in New Zealand's bicultural and multicultural society. This paper has a residential component.

Restriction: GENX 723
Limited to: MHealSc, PGCertRehab, PGDipHealSc, PGDipRehab

GENA 725 Communication in Rural Hospital Medicine 15 points (first semester)
An investigation of theory, research and practice of interprofessional rehabilitation with children who have congenital or acquired health conditions in the context of family-centred practice. This paper has one 2-day compulsory seminar in Wellington.

Restriction: REHX 716
Limited to: MHealSc, PGCertRehab, PGDipHealSc, PGDipRehab

GENA 727 Surgical Specialties in Rural Hospitals 15 points (first semester)
The management of common surgical problems appropriate to be managed in a rural hospital setting. Includes general surgery, urology, vascular surgery, ophthalmology and ENT. This paper has a residential component.

Restriction: GENX 722
Limited to: PGCertRPHP, PGDipGP, PGDipPHC, PGDipRPHP

GENA 726 Obstetrics and Paediatrics in Rural Hospitals 15 points (second semester)
The management of paediatrics, neonatal care, and obstetric and gynaecological emergencies in a rural hospital setting. This paper has a residential component.

Restrictions: GENX 721 and 722
Limited to: PGCertRPHP, PGDipGP, PGDipPHC, PGDipRPHP

GENA 728 Cardiorespiratory Medicine in Rural Hospitals 30 points (second semester)
The management of cardiology and respiratory problems in a rural hospital setting. Includes acute coronary syndromes, arrhythmias, valvular heart problems, airways obstruction and respiratory infections. This paper has a residential component.

Restriction: GENX 721
Limited to: PGCertRPHP, PGDipGP, PGDipPHC, PGDipRPHP

GENA 729 Medical Specialties in Rural Hospitals 30 points (second semester)
The management of common surgical problems appropriate to be managed in a rural hospital setting. Includes general surgery, urology, vascular surgery, ophthalmology and ENT. This paper has a residential component.

Restriction: GENX 721
Limited to: PGCertRPHP, PGDipGP, PGDipPHC, PGDipRPHP

The following papers are not offered in 2016:

Rural and Provincial Hospital Practice

QUALIFICATIONS
Postgraduate Certificate in Rural and Provincial Hospital Practice (PGCertRPHP)
Postgraduate Diploma in Rural and Provincial Hospital Practice (PGDipRPHP)

PROGRAMMES OF STUDY
The certificate and diploma are for generalist doctors who work in rural or small provincial hospitals within New Zealand. They provide rural hospital generalists (GPs, medical officers, RHM registrars) an opportunity to undertake further tertiary study without living in a metropolitan centre.

Postgraduate Certificate in Rural and Provincial Hospital Practice (PGCertRPHP)
The certificate requires 60 points, GENA 724 plus any other three papers selected from the core papers (GENA 724-730).

Postgraduate Diploma in Rural and Provincial Hospital Practice (PGDipRPHP)
The diploma forms part of the rural hospital medicine (RHMed) registrar training programme, but many of the participants are experienced rural hospital generalists. The diploma provides an overview of papers towards MOP's reaccreditation points and can be completed in two years part-time, though many choose to complete it over a longer period. The diploma requires a total of 120 points, GENA 724 and at least four other papers from the core papers in the schedule, plus further approved papers (up to 45 points).

The following papers are offered in 2016:

PGSM 701 Issues in Sports Medicine (compulsory) 30 points (first semester)
The foundations of the multidisciplinary study of sports medicine to include core anatomy, physiology, nutrition and human movement. This paper has one compulsory residential weekend in Dunedin.

Restriction: SPMX 701
Limited to: MHealSc, PGCertPHC, PGDipPHC, PGDipSEM, PGDipPhy, PGDipHealSc, MPPhy

PGSM 702 Medical Aspects of Exercise 15 points (first semester)
The issues which relate to the supervision and care of individuals involved in sport and recreational activities.

Limited to: MHealSc, PGCertPHC, PGDipPHC, PGDipSEM, PGDipPhy, PGDipHealSc, MPPhy

PGSM 703 Sports Nutrition 30 points (second semester)
The recognition and management of existing clinical conditions such as asthma, diabetes and epilepsy in those who lead active lifestyles.

Restrictions: CMNX 407, HUNT 355, SPXM 703
Limited to: MHealSc, PGDipPhy, MPPhy, PGDipHealSc

SPMX 707 Regional Sports Injury 2 15 points (second semester)
The issues which relate to the supervision and care of individuals involved in sport and recreational activities, with specific emphasis on the prevention and treatment of commonly encountered injuries to the lower limb.

Restriction: SPMX 707
Limited to: MHealSc, PGCertPHC, PGDipPHC, PGDipSEM, PGDipPhy, MPPhy, PGDipHealSc

SPME 711 Exercise Prescription (compulsory) 30 points (second semester)
An appreciation of the link between physical activity and health in the contemporary primary care setting that promotes interdisciplinary collaboration. This paper has one compulsory workshop held in Dunedin.

Restriction: SPXM 711
Limited to: MHealSc, PGCertPHC, PGDipPHC, PGDipSEM, PGDipPhy, PGDipHealSc

PHTY 542 Sports Physiotherapy 30 points (second semester)
Advanced study of clinical theory and practice in sports physiotherapy. This includes elements of injury mechanisms, principles of injury prevention, diagnosis, treatment and rehabilitation principles integrated with the clinical reasoning process. This paper has one 3-day residential block in Dunedin.

Restriction: PHTX 542
Limited to: MPPhy, PGCertPhy, PGDipPhy, PGDipSEM

The following papers are not offered in 2016:

SPME 704 Health and Human Performance A
SPME 705 Health and Human Performance B

Further information
More detailed information can be obtained from:
Jan Beauchamp
Course Co-ordinator, Department of Medicine
Dunedin School of Medicine
PO Box 913, Dunedin 9054
Tel: 64 3 470 9193
Email: jan.beauchamp@otago.ac.nz

Web: etago.ac.nz/dsm/sportmed

De Hamish Osborne
Academic Co-ordinator, Dunedin School of Medicine
PO Box 913, Dunedin 9054
Tel: 64 3 474 0999 ext 8556
Email: hamish.osborne@otago.ac.nz
Surgical Anatomy
QUALIFICATION
Postgraduate Diploma in Surgical Anatomy (PGDipSurgAnat)

PROGRAMME OF STUDY
Postgraduate Diploma in Surgical Anatomy (PGDipSurgAnat)
This is a one-year programme providing instruction in clinically relevant anatomy to qualified medical practitioners. The diploma is available to Australian and New Zealand doctors in the first three years of their postgraduate training intending to pursue a career in surgery or radiology. Priority will be given to those in their second year. The diploma is supported and accredited by the Royal Australasian College of Surgeons. The programme consists of four taught papers and includes both distance learning and one week of intensive campus-based instruction with hands-on cadaver dissection for each paper.

The following papers are offered in 2016:

- **SUAN 701 Upper Limb and Thorax**
  - 30 points (first semester)
  - Anatomy of the upper limb and thorax relevant to the clinical practice of surgery and radiology. Includes regional cadaver dissection. This paper has a one-week residential component.

- **SUAN 702 Lower Limb and Pelvis**
  - 30 points (first semester)
  - Anatomy of the lower limb and pelvis relevant to the clinical practice of surgery and radiology. Includes regional cadaver dissection. This paper has a one-week residential component.

- **SUAN 703 Abdomen and Neck**
  - 30 points (second semester)
  - Anatomy of the abdomen and neck relevant to the clinical practice of surgery and radiology. Includes regional cadaver dissection. This paper has a one-week residential component.

- **SUAN 704 Head, Spine, Neuroanatomy and Skin**
  - 30 points (second semester)
  - Anatomy of the head (including basic neuroanatomy) spine and skin relevant to the clinical practice of surgery and radiology. Includes regional cadaver dissection. This paper has a one-week residential component.

Further information
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Travel Medicine
The Postgraduate Certificate and Postgraduate Diploma in Travel Medicine (PGCertTravMed and PGDipTravMed) provide advanced, formal, nationally-recognised qualifications for health professionals who practise travel medicine. Because of the increasing complexity of international travel there is a need for health practitioners with special skills in this area.

The programme is open to those with a wide variety of backgrounds and qualifications, although admission is subject to the approval of the Pro-Vice-Chancellor (Health Sciences). Students can complete the Postgraduate Diploma of Travel Medicine in one year of full-time study or up to five years of part-time study. All Travel Medicine papers include one residential period at which attendance is compulsory. Dates for residences held in 2016 will be available online by September 2015.

QUALIFICATIONS AVAILABLE

- Postgraduate Certificate in Travel Medicine (PGCertTravMed)
- Postgraduate Diploma in Travel Medicine (PGDipTravMed)

PROGRAMMES OF STUDY

- **Postgraduate Certificate in Travel Medicine (PGCertTravMed)**
  - This certificate requires papers worth 40 points, GENA 713 and GENA 714. It includes the core papers of the diploma and one optional paper.

- **Postgraduate Diploma in Travel Medicine (PGDipTravMed)**
  - The diploma requires papers worth 60 points, GENA 713 Travel Medicine 1, and GENA 714 Travel Medicine 2. It includes the core papers of the diploma and two optional papers.

- **Master of Travel Medicine (MTravMed)**
  - The Master of Travel Medicine (MTravMed) degree provides an advanced interprofessional qualification for health professionals in travel medicine. Entry to the programme is normally on the basis of successful completion of a Postgraduate Diploma in Travel Medicine including approved research methods papers; other postgraduate diplomas with equivalent travel medicine content may also be accepted, satisfying the entry requirements.

PRHC 702 Wilderness and Expedition Medicine
30 points (second semester)
Overview of planning and preparation for activities including expeditions in wilderness environments. This includes medical concepts associated with international travel, migration and recreation, and an ability to formulate and conduct travel-related research independently.

The following papers are offered in 2016:

- **GENA 719 Tropical Infectious Disease**
  - 30 points (first semester)
  - Overview of the key concepts of tropical infectious disease. Students will gain a good general understanding of tropical infectious diseases, their epidemiology, diagnosis and management. This paper has one compulsory residential conference in Wellington in May.

- **GENA 714 Travel Medicine 2: Applied Concepts**
  - 30 points (second semester)
  - Specific clinical concerns of travellers with special needs and specific clinical contexts, applying the principles from Travel Medicine 1. This paper has one compulsory residential conference in Wellington in September.

Further information
Postgraduate Co-ordinator
Department of Primary Health Care and General Practice
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PO Box 7343, Wellington 6242
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Email primarycare.distance@otago.ac.nz
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Ultrasound (for generalist medical practitioners)
QUALIFICATION
Postgraduate Certificate in Clinician-Performed Ultrasound (PGCertCPU)

PROGRAMME OF STUDY
Postgraduate Certificate in Clinician-Performed Ultrasound (PGCertCPU)
The certificate requires both GENA 717 and 718. These papers must be studied together over a full year.

- **GENA 717 Generalist Medical Echocardiography**
  - 30 points (full year)
  - Principles of generalist-performed echocardiography, its application to medical diagnosis and management, especially in an emergency or rural setting, to more accurately diagnose and appropriately manage medical problems. This paper has three 3-day residential blocks run in Dunedin and Clyde.

- **GENA 718 Generalist Medical Ultrasound**
  - 30 points (full year)
  - Principles of generalist-performed ultrasound, its application to medical diagnosis and management, especially in an emergency or rural setting, to more accurately diagnose and appropriately manage medical problems. This paper has three 3-day residential blocks run in Dunedin and Clyde.

Further information
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Qualifications

Division of Sciences

- Master of Applied Science in Clothing and Textile Sciences (taught masters)
- Master of Science in Clothing and Textile Sciences
- Postgraduate Diploma in Applied Science in Clothing and Textile Sciences
- Postgraduate Diploma in Science in Clothing and Textile Sciences
- Postgraduate Diploma in Science in Community Nutrition
- Postgraduate Certificate in Applied Science in Clothing and Textile Sciences

Division of Health Sciences

Unless specified otherwise, the schools responsible for paper and programmes are indicated as follows:

Christchurch – University of Otago, Christchurch (Christchurch School of Medicine and Health Sciences)
Dunedin – Dunedin School of Medicine
Wellington – University of Otago, Wellington (Wellington School of Medicine and Health Sciences)

- Master of Aeromedical Retrieval and Transport (Wellington)
- Master of Aviation Medicine (Wellington)
- Master of Bioethics and Health Law (Dunedin)
- Master of Clinical Pharmacy (Dunedin)
- Master of General Practice (Christchurch, Dunedin, Wellington)
- Master of Health Sciences

- Master of Health Sciences endorsed in:
  - Addiction and Co-existing Disorders (Christchurch)
  - Aeromedical Retrieval and Transport (Wellington)
  - Aviation Medicine (Wellington)
  - Bioethics (Dunedin)
  - Clinical Education (HEDC Dunedin)
  - Gerontology (Christchurch)
  - Human Nutrition (Dunedin)
  - Musculoskeletal Management (Christchurch)
  - Occupational Medicine (Wellington)

- Pain and Pain Management (Christchurch)
- Rehabilitation (Wellington)
- Master of Occupational Medicine (Wellington)
- Master of Physical Therapy (Christchurch)
- Master of Physiotherapy (Wellington)
- Master of Physiotherapy endorsed in:
  - Acupuncture (Dunedin)
  - Neurorehabilitation (Dunedin)
  - Occupational Health Physiotherapy (Dunedin)
  - Orthopaedic Manipulative Therapy (Dunedin)
  - Sports Physiotherapy (Dunedin)
- Master of Primary Health Care (Christchurch, Dunedin, Wellington)
- Master of Public Health (Christchurch, Dunedin, Wellington)
- Master of Travel Medicine (Wellington)
- Postgraduate Diploma in Aeromedical Retrieval and Transport (Wellington)
- Postgraduate Diploma in Child Health (Dunedin, Wellington)
- Postgraduate Diploma in Clinical Pharmacy (Dunedin)
- Postgraduate Diploma in General Practice (Dunedin, Wellington)
- Postgraduate Diploma in Health Informatics (Dunedin)
- Postgraduate Diploma in Health Sciences
- Postgraduate Diploma in Health Sciences endorsed in:
  - Addiction and Co-existing Disorders (Christchurch)
  - Aeromedical Retrieval and Transport (Wellington)
  - Biophysics (Dunedin)
  - Cancer Pain Management (Dunedin)
  - Hazard Assessment and Management (Dunedin)
  - Human Nutrition (Dunedin)
  - Interpersonal Psychotherapy (Christchurch)
  - Mental Health (Christchurch)
  - Musculoskeletal Management (Christchurch)
  - Nursing (Christchurch)
  - Nursing (Primary Health Care) (Christchurch)
  - Occupational Health (Dunedin)
  - Pain and Pain Management (Christchurch)

- Master of Physiotherapy endorsed in:
  - Acupuncture (Dunedin)
  - Neurorehabilitation (Dunedin)
  - Occupational Health Physiotherapy (Dunedin)
  - Orthopaedic Manipulative Therapy (Dunedin)
  - Sports Physiotherapy (Dunedin)

- Postgraduate Diploma in Primary Health Care endorsed in:
  - Long-term Condition Management (Christchurch, Dunedin, Wellington)
- Postgraduate Diploma in Public Health (Christchurch, Dunedin, Wellington)
- Postgraduate Diploma in Rehabilitation (Wellington)
- Postgraduate Diploma in Rural and Provincial Hospital Practice (Dunedin)
- Postgraduate Diploma in Sport and Exercise Medicine (Dunedin)
- Postgraduate Diploma in Surgical Anatomy (Dunedin)
- Postgraduate Diploma in Travel Medicine (Wellington)
- Postgraduate Certificate in Civil Aviation Medicine (Wellington)
- Postgraduate Certificate in Aeronautical Science and Transport (Wellington)
- Postgraduate Certificate in Clinician-Performed Ultrasound (Dunedin)
- Postgraduate Certificate in General Practice (Dunedin, Wellington)
- Postgraduate Certificate in Health Sciences
- Postgraduate Certificate in Health Sciences endorsed in:
  - Addiction and Co-existing Disorders (Christchurch)
  - Aeromedical Retrieval and Transport (Wellington)
  - Clinical Rehabilitation (Wellington)
  - Continence Management (Christchurch)
  - Family and Systems Therapies (Wellington)
  - Forensic Mental Health (Christchurch)
  - Hazard Assessment and Management (Dunedin)
  - Human Nutrition (Dunedin)
  - Mental Health (Christchurch)
  - Musculoskeletal Management (Christchurch)
  - Nursing (Advanced Clinical Nursing) (Christchurch)
  - Nursing (Advanced Mental Health) (Christchurch)
  - Nursing (Gerontology) (Christchurch)
  - Nursing (High Acuity) (Christchurch)
  - Nursing (Leadership and Management) (Christchurch)
  - Nursing (Long-term Condition Management) (Christchurch)
  - Nursing (Primary Health Care) (Christchurch)
  - Occupational Health (Dunedin)
  - Pain and Pain Management (Christchurch)
• Perinatal Mental Health (Christchurch)
• Radiation Therapy Advanced Practice (Wellington)
• Postgraduate Certificate in Medical Technology (Wellington)
• Postgraduate Certificate in Musculoskeletal Medicine (Christchurch)
• Postgraduate Certificate in Occupational Medicine (Wellington)
• Postgraduate Certificate in Pharmacist Prescribing (Dunedin)
• Postgraduate Certificate in Pharmacy
• Postgraduate Certificate in Pharmacy endorsed in:
  • Medicines Management (Dunedin)
  • Social Pharmacy (Dunedin)
• Postgraduate Certificate in Physiotherapy endorsed in:
  • Acupuncture (Dunedin)
  • Musculoskeletal Physiotherapy (Dunedin)
  • Neurorehabilitation (Dunedin)
  • Occupational Health Physiotherapy (Dunedin)
  • Sports Physiotherapy (Dunedin)
• Postgraduate Certificate in Primary Health Care (Christchurch, Dunedin, Wellington)
• Postgraduate Certificate in Primary Health Care endorsed in:
  • Long-Term Condition Management (Wellington)
• Postgraduate Certificate in Public Health (Christchurch, Dunedin, Wellington)
• Postgraduate Certificate in Rehabilitation (Wellington)
• Postgraduate Certificate in Rural and Provincial Hospital Practice (Dunedin)
• Postgraduate Certificate in Travel Medicine (Wellington)
• Postgraduate Certificate in Women's Health (Dunedin)
• Graduate Diploma in Bioethics and Health Law (Dunedin)