



2015

Distance Learning Prospectus



Contents

Welcome – Vice-Chancellor	1	Forensic Psychiatry	30
Welcome – Director, Distance Learning	1	General Practice	30
Distance Education at Otago	2	Gerontology	33
Enrolment and Fees	5	Hazard Assessment and Management	33
Higher Education Development Centre	7	Health Informatics	34
Humanities	9	Human Nutrition	35
Children’s Issues	9	Interpersonal Psychotherapy	36
Chinese Programme	10	Medical Laboratory Science	37
Education	10	Medical Technology	37
Māori, Pacific and Indigenous Studies	12	Mental Health	38
Religious Studies	13	Musculoskeletal Medicine/Musculoskeletal	
Social Work	14	Management	39
Theology	16	Nursing	40
Sciences	18	Obstetrics and Medical Gynaecology	42
Aquaculture and Fisheries	18	Occupational and Aviation Medicine	43
Chemistry	18	(See Aviation Medicine)	
Introductory Chemistry	18	Occupational Health and Safety	43
Chemical Hazards	18	Occupational Medicine	43
Clothing and Textile Sciences	19	Ophthalmology	44
Surveying	19	Pain and Pain Management	45
Business	21	Perinatal Mental Health	46
Business Studies	21	Pharmacy	46
Information Science	21	Physiotherapy	49
Marketing	21	Primary Health Care	49
Tourism	21	Public Health	51
Health Sciences	23	Radiation Therapy	53
Addiction and Co-existing Disorders	23	Rehabilitation	53
Aviation Medicine (including Aeromedical)	24	Reproductive Mental Health	55
Retrieval and Transport, and Occupational		Rural and Provincial Hospital Practice	55
and Aviation Medicine)		Sport and Exercise Medicine	56
Bioethics	26	Surgical Anatomy	57
Child Health	26	Travel Medicine	58
Clinical Research	27	Ultrasound (for generalist medical practitioners)	59
Continence Management	29	Qualifications	60
Family and Systems Therapies	29		

**MOST PAPERS IN THIS PROSPECTUS REQUIRE ACCESS TO BOTH
A COMPUTER AND THE INTERNET.**



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

Welcome

Welcome to the University of Otago

Founded in 1869, the University of Otago is New Zealand's oldest university with an international reputation for excellence in teaching and research. Otago is a top Australasian university and, as a founding member of the Matariki network of international universities, has a global reach.

Students 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.

Otago is committed to supporting distance learning in fields where the University has specialist knowledge and expertise. Since 1985, the University has delivered a range and variety of courses in the Humanities, Business, Sciences and Health Sciences. Our courses are comprehensive, known for their rigour and relevance to the modern world. They are also accessible: the latest technologies support students' learning.

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.



PROFESSOR HARLENE HAYNE
Vice-Chancellor

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 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.



DR SARAH STEIN
Director, Distance Learning

Distance Education

AT OTAGO

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, at 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 students to continue 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 advisor 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 otago.ac.nz/distancelearning

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 lecturer 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 lecturer 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 enlivens 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 lecturer 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 otago.ac.nz/distancelearning 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, any time. These are particularly useful for people studying at a distance. The Library employs subject specialist liaison librarians who can assist you in your area of study. Find their contact details at otago.libguides.com/Distance under the "Subject Liaison 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

otago.libguides.com/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 request 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 sent to all enrolled distance students.

Email distance.library@otago.ac.nz

Tel 0800 347 826 (0800 DISTANT) within New Zealand

Tel 03 479 8940

DISABILITY INFORMATION AND SUPPORT

Disability Information and Support provides learning support, advice, advocacy, and information to students with permanent, recurring, or temporary impairments. Their vision is to work in partnership to promote an inclusive environment that celebrates diversity, promotes comprehensive academic support, and empowers individuals with impairments to achieve their full potential. The support we provide is varied and includes assistance with enrolment, access to specialised equipment, quiet study rooms, note taking, individual subject tutoring, reformatting of course materials, and alternative examination arrangements. Student advisers are available to help and will work collaboratively to put together a support plan. All services are confidential.

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 *Information and Support Booklet* provide names and addresses of staff to contact should you have concerns about any aspect of your study.

DISTANCE LEARNING OFFICE

Dr Sarah Stein
Director, Distance Learning
Tel 03 479 5809
Email sarah.stein@otago.ac.nz

Fiona Stuart
Administrative Assistant, Distance Learning
Tel 03 479 4138
Email fiona.stuart@otago.ac.nz

Please note the availability of some papers may have changed since this prospectus was printed.

For up-to-date information, either contact the department concerned or check on the University's distance learning website at otago.ac.nz/distancelearning

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.

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).

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.

If you are currently enrolled at Otago, and wishing to continue in the same programme, you do not need to submit a new application. However, you will need to complete Course Enrolment. See enrolment.otago.ac.nz for the applicable dates.

Course Enrolment must be completed by all students via eVision and is made up of three steps:

- Annual Details
- Paper Selection
- Course Approval and Declaration

Payment of fees must be arranged by:

- **10 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 will 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 8344
Email international.enquiries@otago.ac.nz

AFTER ENROLMENT

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. For the latest information see otago.ac.nz/study/enrolment/changingcourse.html

Papers can be added until 5pm on 12 January (for Summer School papers), 27 February (for first semester and full-year papers) and 10 July (for second semester papers).

If you withdraw from a paper by 12 January (Summer School papers) or 13 March (first semester papers) or 20 March (full year papers) or 24 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).

Later withdrawals are possible until 2 February (Summer School papers) or 1 May (papers beginning in the first semester) or 11 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

Fees must be paid by the dates specified above.

Tuition fees for 2015 will not be finalised until November 2014. Once set, tuition fee information for distance papers will be available on the University's website at otago.ac.nz/distancelearning

Further information

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

General information

otago.ac.nz/study/fees/index.html

Tuition fees per paper

otago.ac.nz/distancelearning for distance papers only
otago.ac.nz/study/fees/index.html#feebands for all papers

International students

otago.ac.nz/international/otago002190.html#tuitionfees

Higher Education Development Centre



Higher Education

The University of Otago's Higher Education Development Centre (HEDC) offers two programmes for those wanting to enhance their knowledge and understanding of teaching, learning, and academic practice in higher education: the Postgraduate Certificate in Higher Education (PGCertHighE) and the Postgraduate Diploma in Higher Education (PGDipHighE). Both qualifications can be endorsed in Clinical Education.

QUALIFICATIONS

Postgraduate Certificate in Higher Education (PGCertHighE)
Postgraduate Diploma in Higher Education (PGDipHighE)

PROGRAMMES OF STUDY

Postgraduate Certificate in Higher Education (PGCertHighE)
Enrolment for the Postgraduate Certificate in Higher Education is restricted to graduates who are engaged in some teaching in the tertiary sector. The certificate consists of two papers that can be completed in a minimum of one and a maximum of three years' part-time study.

Students wishing to enrol in the Postgraduate Certificate in Higher Education endorsed in Clinical Education should be currently engaged in some clinical teaching. In HEDU 501 and HEDU 502, they will be expected to focus on aspects of clinical teaching and learning, and academic practice.

Postgraduate Diploma in Higher Education (PGDipHighE)
Enrolment for the Postgraduate Diploma in Higher Education is restricted to graduates who are engaged in some teaching in the tertiary sector. The diploma consists of the two papers from the certificate plus HEDU 503 and HEDU 510, and can be completed in a minimum of two and a maximum of four years' part-time study.

Students wishing to enrol in the Postgraduate Diploma in Higher Education endorsed in Clinical Education should be currently engaged in some clinical teaching, and they will be expected to focus on aspects of clinical teaching and learning.

The following papers are offered:

For the Postgraduate Certificate in Higher Education the following papers are required:

🌐 *HEDU 501 Critical Reflection on Higher Education* *30 points (full year)*

The paper examines personal theories of tertiary teaching within a comparative framework of contemporary literature and practice, and provides participants with opportunities to explore issues and make changes to their current teaching and academic practices.

🌐 *HEDU 502 Learning Theory and Practice in Higher Education* *30 points (full year)*

This paper examines contemporary research on student learning and explores the effects of teaching practices on how students learn, in order to enhance students' learning outcomes.

HEDU 501 and HEDU 502 can be taken concurrently. Internet access is essential for these papers.

The Postgraduate Diploma in Higher Education comprises HEDU 501, HEDU 502 and the following papers:

🌐 *HEDU 503 Research in Higher Education* *30 points (first semester)*

Participants explore methodological issues and plan and carry out a research project around a specific aspect of their teaching and/or student learning. The project must be able to advance participants' academic practice in significant ways.

🌐 *HEDU 510 Special Topic* *30 points (second semester)*

This paper builds on HEDU 503 and involves completion of the research project planned in HEDU 503. Internet access is essential for these papers.

Further information

Professor Kerry Shephard
Higher Education Development Centre
University of Otago
PO Box 56, Dunedin 9054
Tel 03 479 8439
Email kerry.shephard@otago.ac.nz
Web hedc.otago.ac.nz/hedc/teaching/programmes/postgraduate-courses/

Candi Young
Administrator
Higher Education Development Centre
University of Otago
PO Box 56, Dunedin 9054
Tel 03 479 6358
Email candi.young@otago.ac.nz

Taiawhio Raihania Waititi

Master of Indigenous Studies

“THIS DEGREE IS ALSO ABOUT WIDENING MY EXPERIENCE, MAKING ME MORE WELL-ROUNDED AND MORE EMPLOYABLE.”



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 Porou, Ngai Tāmanuhiri and Ngāti Awa descent, was born in Southland and grew up in Mātaura, a long way from his iwi 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 Paerau 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 Paerau 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.”

Humanities



Children's Issues

The Children's Issues Centre offers four main distance learning papers. A fifth research-only paper will be available to a small number of students with a strong research background and access to research data. These interdisciplinary papers are primarily designed as professional development opportunities for practitioners working in a range of areas with children, young people and their families/whānau, including social workers, teachers, nurses, family lawyers, police, psychologists, policy analysts, researchers, family support, and community development workers.

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 Protection and Participation

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 (PGCertChIs)

The Postgraduate Diploma in Child-Centred Practice (PGDipChIs) (120 points) comprises two compulsory papers: CHIC 401 Understanding Children and Childhood: Theory into Practice, and CHIC 402 Promoting Children's Protection and Participation; and two optional papers, drawn from the following distance-taught papers when available: CHIC 407 Child-Centred Practice, 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:

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. There is a compulsory five-day block course held in Dunedin.

Restrictions: CHIX 403, CHIC 401, CHIC 402

CHIC 402 Promoting Children's Participation and Protection
30 points (second semester)

Focuses on the interface 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. There is a compulsory five-day block course held in Dunedin.

Restrictions: CHIX 404, CHIC 401, CHIC 402

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. There is a compulsory five-day block course held in Dunedin.

Prerequisite: CHIC 401 or CHIX 401

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.

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

CHHE 701 Community Child Health **30 points (each semester)**

This paper covers community aspects of child health and child health services. Topics covered include: epidemiology of childhood disease, nutrition, adolescent health, immunisation, health of Māori children, and dental issues in paediatrics. The paper is based on recommended readings and 16 one-hour audioconference sessions. Candidates are expected to take part in community visits to gain an understanding of facilities catering to the health needs of children outside hospitals.

Admission to this paper is restricted to health professionals.

Further information

Jocelyn Diedrichs
Administrator
Children's Issues Centre
University of Otago
PO Box 56, Dunedin 9054
Tel 03 479 5038
Email jocelyn.diedrichs@otago.ac.nz

Chinese Programme

The following paper is offered:

CHIN 242/CHIN 342 Survey of Chinese Cinema **18 points (first semester)**

This paper examines twentieth-century Chinese culture (Mainland China, Taiwan, Hong Kong and other areas of the Chinese diaspora) by looking at cinema as a complex cultural product (e.g., artistic expression, political statement, revolutionary message, avant-garde experiment, popular culture medium). The paper is organised chronologically, however, materials (both readings and films) are also arranged according to three main critical angles: gender issues (male and female sexuality in Chinese cinema), film genre (e.g., drama, melodrama, comedies, ghost stories, martial arts), and politics of filmmaking (i.e. the making of national and transnational Chinese identity).

This paper is taught in English. No knowledge of Chinese is required (all films are subtitled in English).

Lectures – which include extensive clips – will be available in audio-visual podcast format.

Further information

Dr Paola Voci
Chinese Programme
Department of Languages and Cultures
University of Otago
PO Box 56, Dunedin 9054
Tel 03 479 9032
Email paola.voci@otago.ac.nz
Web otago.ac.nz/chinese/courses/index.html

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 Education (MEd)

Master of Arts (MA) in Education

Postgraduate Certificate in Teaching (PGCertTchg)

Postgraduate Diploma in Teaching (PGDipTchg)

Master of Teaching (MTchg)

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 (PGCertTchg), the Postgraduate Diploma in Teaching (PGDipTchg) and the Master of Teaching degree (MTchg).

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, EDUC 480, and 60 further 400-level EDUC points

Master of Education (MEd)

For students with a BA majoring in Education, BEd, BTchg or BEd(Tchg): EDUC 407, EDUC 480, EDUC 580, and 120 further 400-level EDUC points

For students with a BA(Hons), PGDipArts, or PGDipTchg: EDUC 580, EDUC 480 and 60 further points of 400-level EDUC/EDUX points

Postgraduate Certificate in Teaching (PGCertTchg)

EDUC 423 and 40 further 400-level EDUC points (in ICT papers)

Postgraduate Diploma in Teaching (PGDipTchg)

EDUC 440 or EDUC 423, EDUC 441 and 80 further 400-level EDUC points

Master of Teaching (MTchg)

EDUC 440 or EDUC 423, EDUC 441, EDUC 590 and 80 further 400-level EDUC points

The following papers are offered:

⊕ **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

⊕ **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, sociological and Māori-preferred approaches to disciplined inquiry in education.

Prerequisite: 54 300-level EDUX or EDUC points

Restriction: EDUC 407, EDUC 351, EDUC 351

⊕ **EDUC 413 Advanced Internet-based Learning**

20 points (not offered 2015, expected to be offered in 2016)

The aim of this paper is to examine in-depth some pertinent issues and applications of computer-mediated communication in education. Participants in this paper will have exposure to a range of issues, both conceptual and practical, related to computer-mediated communication in a variety of learning environments.

Prerequisite: 54 300-level EDUC or EDUX points, or special approval

⊕ **EDUC 421 Mathematics Education: Learning and Teaching**

20 points (not offered 2015)

Development of a critical and informed stance toward the student's own practice and the context in which that practice is based.

Prerequisite: 54 300-level EDUX or EDUC points

⊕ **EDUC 423 Technology-enhanced Learning**

20 points (full year)

This paper introduces various theoretical perspectives on learning with computers. It includes a review of social and cognitive interactions and implications of computer-based learning environments. Issues in computer-supported collaborative learning are considered.

Prerequisite: 54 300-level EDUC or EDUX points, or special approval

⊕ **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 EDUX points, or special approval

⊕ **EDUC 430 Junior and Young Adult Literature in Cultural Contexts**

20 points (full year)

Examines the origins and development of literature produced for children and young adults. Investigates the socially constructed notion of childhood and critiques texts using the intersections between gender, class and race as categories of analysis.

Prerequisite: 54 300-level EDUX or EDUC points, or special approval

⊕ **EDUC 432 Special Topic: Digital Technologies and Knowledge Building**

20 points (second semester)

Prerequisite: 72 300-level EDUX or EDUC points, or special approval.

⊕ **EDUC 433 Special Topic: Living Indigenous Educational Leadership**

20 points, (first semester)

Critically examines a range of indigenous peoples' perspectives and approaches specific to researching educational leadership; and the implications for improving education outcomes for indigenous peoples and their communities.

Prerequisite: 54 300-level EDUX or EDUC points

In order to complete this paper, students will be required to establish links with an indigenous educational leadership setting such as a school or other learning institution(s).

⊕ **EDUC 435 Introduction to Internet-based Learning**

20 points (first semester)

This paper focuses on the use of the internet and the world wide web as tools for teaching, learning and research. It examines how teaching resources can be searched, gathered and evaluated on the internet. Ethical issues related to the use of the internet are also discussed. (May not be credited together with EDUX 317.)

Prerequisite: 54 300-level EDUC or EDUX points, or special approval. This paper is not available to students who have already completed EDUX 413.

⊕ **EDUC 438 Leadership for Learning**

20 points (full year)

A critical examination of theory, research and practice relating to leadership for learning in educational settings. Students will review a range of models, case studies and research findings.

Prerequisite: 54 300-level EDUC or EDUX points, or special approval

⊕ **EDUC 439 Strategic Educational Management**

20 points (full year)

A critical examination of theory, research and practice relating to strategic educational management across a range of education sectors. Students will review a range of models, case studies and research findings.

Prerequisite: 54 300-level EDUC or EDUX points, or special approval

⊕ **EDUC 440 Critical Analysis of Teaching**

20 points (full year)

This paper provides a critical examination of existing knowledge about effective teaching, reviewing a wide variety of models, case studies and research findings.

Prerequisite: 54 300-level EDUC or EDUX points, or special approval

⊕ **EDUC 441 Researching Personal Teaching Practice**

20 points (full year)

This paper is an introduction to the nature of disciplined inquiry into personal teaching practice utilising a range of research methodologies. Students will be required to plan and implement a disciplined investigative inquiry into their own teaching practices.

Prerequisite or corequisite: EDUX 440, EDUC 440, or special approval

⊕ **EDUC 444 Pacific Education Issues: Culture, Identity and Schooling**
20 points (second semester)

Explores culture, identity, values, diaspora, politics, policy, epistemology, pedagogy, and ways of knowing as they impact on Pacific children's experiences of schooling both in New Zealand and the Pacific region.

Prerequisite: 72 300-level EDUX or EDUC points, or special approval

⊕ **EDUC 450 eTeaching, eMentoring and eLeadership**
20 points (not offered 2015, expected to be offered 2016)

Theories and practices of eTeaching, eMentoring, and eLeadership in educational settings. A small supervised school-based project is required.

Prerequisite: 54 300-level EDUX or EDUC points, or special approval

⊕ **EDUC 451 Inclusive Education**
20 points (not offered 2015)

Inclusive education from the perspectives of children with special needs and those who support them throughout the education system.

Prerequisite: 54 300-level EDUX or EDUC points, or special approval

⊕ **EDUC 453 Exercising Professional Leadership**
20 points (not offered 2015)

Examination of a range of contemporary issues which impact on effective educational leadership.

Prerequisite: 54 300-level EDUX or EDUC points, or special approval

⊕ **EDUC 459 Equality, Equity and Education**
20 points (full year)

Explicates and compares the features of equality being demanded in a selection of educational research, policies and practices. Explores the assumptions and consequences of each, critically appraises them, and addresses potential tensions between them.

Prerequisite: 54 300-level EDUX or EDUC points, or special approval.

⊕ **EDUC 461 The Construction of Curriculum in Early Childhood Education**
20 points (full year)

Exploration of the construction of curriculum in early childhood education.

Prerequisite: 54 300-level EDUX or EDUC points, or special approval.

⊕ **EDUC 462 Mentoring Teachers**
20 points (first semester)

Critical examination of mentoring practice related to professional growth of teachers at all levels.

⊕ **EDUC 480 Research Essay**
40 points (full year)

Independent in-depth exploration of an issue in education, comprising a review of relevant literature and a research proposal.

Limited to BA(Hons), PGDipArts, MEd

⊕ **EDUC 580 MEd Dissertation**
60 points (12 months)

A supervised research dissertation of up to 25,000 words on an approved research topic.

Limited to MEd

⊕ **EDUC 590 Professional Practice Portfolio**
60 points (12 months)

This paper aims at developing students' professional skills as teachers. Students will engage in critical reflection of their professional practice by documenting their goals, growth, achievement and professional attributes throughout the course of study. Students are asked to produce a portfolio that comprises four pieces of work documenting their learning experiences, as well as social and professional development.

Prerequisite: EDUC 440

Limited to MTchg

Note: This is a 12-month course, with a first semester intake only.

EDDC 901 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. There is a compulsory one week residential school at the Dunedin campus in the third week of January.

Limited to: EdD

Further information:

Dr Fiona McDonald
University of Otago College of Education
University of Otago,
PO Box 56, Dunedin 9054
Tel 03 479 4949
Email fi.mcdonald@otago.ac.nz
Web otago.ac.nz/education/distance/otago022630.html

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 AND PROGRAMME OF STUDY

Master of Indigenous Studies (MIndS)

The programme of study consists of a core paper (INGS 501), and EITHER a research thesis (INGS 5) OR a research paper (INGS 590) and two approved elective papers at 400-level.

The following papers are offered:

⊕ **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".

⊕ **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.

⊕ **INGS 5 Research Thesis**
100 points (full year)

A supervised research project of no more than 32,000 words (excluding notes, appendices, bibliography) on an approved topic.

⊕ **INGS 510 Special Topic – Contemporary Indigenous Issues**
20 points (second semester)

An examination of contemporary indigenous issues in Australia, Canada, the United States, and Britain.

⊕ **MAOR 404 Toitū te Whenua – Land, Lore, and Colonialism**
20 points (not offered in 2015, expected to be offered 2016)

An examination of Māori attitudes to whenua (land) through tikanga (customary lore), and the influence of colonialism in the Māori world using Land Court minute books.

⊕ **MAOR 407 Presenting Pacific Histories**
20 points (first semester)

Themes and theories in the representation of indigenous histories of Aotearoa and other islands of the Pacific.

⊕ **PACI 401 Tinā Pasifika**
20 points (second semester)

Examines indigenous women's roles (traditional and contemporary) within selected Polynesian communities. Topics include birthing practices, kinship and relationship practices, and female physicality.

⊕ **PACI 402 Resource Conservation and Management in the Pacific**
20 points (first semester)

This course examines Pacific environments to seek an understanding of management of island environments and pressures brought about by issues such as climate change, urban growth, economic development and political tension. Lectures currently delivered face to face will be placed on Blackboard for distance students.

Further information

Administrative Assistant
Te Tumu School of Māori, Pacific and Indigenous Studies
University of Otago
PO Box 56, Dunedin 9054
Tel 03 471 6946
Email minds@otago.ac.nz
Web otago.ac.nz/tetumu/

Religious Studies

The following papers are offered in Summer School:

⊕ **RELS 214/306 New Religious Movements**
18 points

A study of new religious movements (NRMs) in the modern world.

⊕ **RELS 216/316 Zen Buddhism**
18 points

The history, doctrines, and practices of Chan Buddhism in China and Zen Buddhism in Japan. Zen practices, as meditation and koan, and the encounter with the "West".

The following papers are offered in the first semester:

⊕ **RELS 102 Hinduism and Buddhism**
18 points

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 arts and architecture, spread of Indian religions to the West.

⊕ **RELS 205/305 World Christianity**
18 points

The global expansion of Christianity, particularly in Asia and Africa, in the modern period, and the consequences for the practice of Christianity.

⊕ **RELS 415 Method and Theory in the Study of Religion**
20 points

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.

⊕ **SANS 111 Introductory Sanskrit 1**
18 points

A reading-based beginners' paper covering the basic elements of Classical Sanskrit grammar and vocabulary, designed to develop reading skills in Classical Sanskrit.

The following papers are offered in the second semester:

⊕ **RELS 101 Judaism, Christianity and Islam**
18 points

An introduction to the three major religions which originated in the Middle East.

⊕ **RELS 207/324 Religion of Islam**
18 points

An examination of Muslim religious thought and practice, including the Shi'ite and Sufi traditions, with an analysis of the current debates regarding the Muslim identity among revivalists, conservatives and modernists.

⊕ **RELS 226/326 Mahayana Buddhism**
18 points

The origins of Mahayana Buddhism in India, its spread to Tibet and East Asia and its relationship to other forms of Buddhism, including Theravada.

⊕ **RELS 328/428 Life of the Buddha**
18 points / 20 points

Visual and literary narrative traditions about the life of the Buddha, and the influence of these narratives on Buddhist belief and practice.

⊕ **SANS 112 Introductory Sanskrit 2**
18 points

A continuation of SANS 111, including the study of passages from the Bhagavadgita and other texts.

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

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.

The following papers are offered:

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.

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 302, 316, SOWX 316

Limited to: BSW

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: May not be taken by students who have passed both SOWK 234/SOWX 234, and SOWK 235/SOWX 235

SOWK 304 Kaupapa Māori, and Indigenous Approaches to Social Work

18 points (second semester)

The application of Kaupapa Māori, Pacifica and indigenous approaches, including cross-cultural contexts, to social work practice.

Restrictions: SOWK 304, 319, SOWX 319

Limited to: BSCW, BSW

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 320, 420, SOWX 420

Limited to: BSCW, 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.

Prerequisites: SOWK 320 or SOWX 320

Restrictions: SOWK 392, 491, SOWX 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.

Prerequisite: 126 300-level SOWK or SOWX points

Restrictions: SOWK 401, 402, SOWX 401

Limited to: BSW, BSW(Hons), MA

SOWK 403 Communities and Organisations – Advanced Practice
20 points (first semester)

Professional frameworks of organisational and community change and development practice.

Prerequisite: 126 300-level SOWK or SOWX points

Restrictions: SOWK 403, 404, SOWX 404

Limited to: BSW, BSW(Hons), MA

SOWK 405 Social Work Issues Across the Lifespan
20 points (first semester)

A lifespan perspective on issues encountered in social work practice.

SOWK 406 Social Problems: Policies and Practice Models
20 points (second semester)

Methods and theories of social, personal and organisational change in response to social problems. These are developed in relation to applied practice outcomes in social work.

Prerequisite: 126 300-level SOWK or SOWX points

Restrictions: SOWK 318, 406, SOWX 318

Limited to: BSW, BSW(Hons), MA

SOWK 410 Special Topic – Care and Protection
20 points (first semester)

Special topic considering an advanced case study in social work practice.

Restriction: SOWX 410

Limited to: BSW, BSW(Hons), MA

SOWK 411 Special Topic – Advanced Family Practice
20 points (not offered 2015, expected to be offered 2016)

Special topic considering an advanced case study in social work practice.

Restriction: SOWX 411

Limited to: BSW, BSW(Hons), MA

SOWK 480 Research Project
20 points (full year)

A research paper in which key elements of social work practice are integrated within a research framework.

Prerequisite: 126 300-level SOWK or SOWX points

Restriction: SOWK 480

Limited to: BSW, BSW(Hons), MA

SOWK 492 Fieldwork Practice 2
40 points (first semester, second semester, or full year)

Advanced fieldwork practice (in a different setting from SOWK or SOWX 392).

Prerequisites: 126 300-level SOWK or SOWX points (including SOWK 392 or SOWX 392)

Restriction: SOWK 492

Limited to: BSW, BSW(Hons) programme only.

SOWK 490 Dissertation
40 points (full year)

Supervised individual research on a topic in social work.

Prerequisite: 126 300-level SOWK or SOWX points Restrictions: SOWK 490, SOWX 590

Limited to: BSW(Hons), MA

Note: Non-BSW/BSW (Hons) students may be admitted to these papers with approval from the Head of Department of Sociology, Gender and Social Work.

Further information

Administration Assistant
 Department of Sociology, Gender and Social Work
 University of Otago
 PO Box 56, Dunedin 9054
 Tel 03 479 7951
 Email helen.osullivan@otago.ac.nz
 Web otago.ac.nz/sgsw

PROGRAMME OF STUDY

Master of Social Work (MSW)

The Department of Sociology, Gender and Social Work also offers an advanced professional programme leading to a Master of Social Work (MSW) degree and the Postgraduate Diploma in Social Welfare (PGDipSW). Entry is available to practitioners with existing social services B-level qualifications and proven competence in social services practice.

The following papers are offered:

SOWK 511 Advanced Family Practice
30 points (second semester)

Critical approaches to family practice and its application in the social services including the active development of professional family practice competence.

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

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.

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

SOWK 521 Advanced Studies Special Topic
30 points (first semester)

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

SOWK 522 Advanced Studies Special Topic
30 points (second semester)

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

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.

Note: Admission subject to approval from the Director of the Children's Issues Centre.

CHIC 402 Promoting Children's Participation and Protection
30 points (second semester)

Focuses on the interface 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.

Note: Admission subject to approval from Director of the Children's Issues Centre.

Full details, application and entry processes, and a list of the papers available within the BSW and MSW programmes are available on the Department's website: otago.ac.nz/sgsw

Further information

Postgraduate Administrator
 Department of Sociology, Gender and Social Work
 University of Otago
 PO Box 56, Dunedin 9054
 Tel 03 479 7951
 Email jocelyn.diedrichs@otago.ac.nz
 Web otago.ac.nz/sgsw

Theology

QUALIFICATIONS

Bachelor of Theology (BTheol)
Diploma for Graduates (DipGrad)
Bachelor of Theology (Honours) BTheol(Hons)
Postgraduate Diploma in Theology (PGDipTheol)
Postgraduate Diploma in Ministry (PGDipMin)
Master of Ministry (MMin)

PROGRAMME OF STUDY

Bachelor of Theology (BTheol)

A number of papers for the Bachelor of Theology (BTheol) degree are taught concurrently on campus in Dunedin and by a combination of audioconferences, teaching days, online learning, or block courses. Students should plan their courses to fulfil the requirements for a BTheol degree as outlined in the *University Calendar*.

The following papers are available in the first semester:

- ⊕ **BIBS 121 *Interpreting the New Testament***
18 points
 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.
- ⊕ **BIBS 131 *Introductory Greek New Testament Language I***
18 points
 A reading-based beginners' paper covering the basic elements of New Testament Greek grammar and vocabulary, designed to develop reading skills in New Testament Greek.
- ⊕ **BIBS 221/321 *The Gospels***
18 points
 A detailed introduction to the study of the Gospels, with exegesis of selected texts.
- ⊕ **BIBS 215 *Special topic: The Bible in Religious Education***
18 points
 A study of key themes and sections of the Old and New Testaments, including background issues, and the use of the Bible in Religious Education.

Note: Primarily for students taking the Catechetical Studies Programme through the College of Education, or school teachers. Other students must contact the Department before enrolling.
- ⊕ **CHTH 111 *Doing Theology***
18 points
 What is theology? How do we do it and why? The roles of Scripture, tradition and experience; exploring doctrines of God, Creation and humankind in a pluralist world.
- ⊕ **CHTH 131 *God and Ethics in the Modern World***
18 points
 An introduction to Christian ethics in the modern world with particular attention to the major cultural shifts that have shaped contemporary thinking about God, about humanity, and about ethics.
- CHTH 231/331 *Christianity, War and Violence***
18 points
 A systematic examination of the foundations of ethics in Christian Scripture followed by an analysis of Christian conceptions of morality from various perspectives; an examination and analysis

of particular ethical issues surrounding Christian involvement in and responses to war and violence.

Note: this paper will be taught as an intensive in Dunedin, 9-13 February 2015.

- ⊕ **CHTH 314/414 *The Theology of Soren Kierkegaard***
18 points/20 points
 A paper which examines the theology of Soren Kierkegaard and considers both his account of the individual before God and his profound critiques of Christendom, the Church and Modern culture.
- ⊕ **HEBR 131 *Introductory Biblical Hebrew***
18 points
 A paper for beginners covering the basics of Biblical Hebrew grammar and vocabulary, to enable students to read the Hebrew Bible in the original.
- ⊕ **PAST 212 *Research Methods***
18 points
 Analysis of a variety of social research methods to be used in theological research and research relating to the practice of ministry.
- ⊕ **PAST 314/MINS 408 *Special Topic: Ministry in a Culturally Diverse Society***
18 points/20 points
 An exploration of ministry in a multicultural society, including theology of culture, the changing characteristics of New Zealand culture, and ministry in a multicultural society with a foundational bicultural commitment.

The following papers are available in the second semester:
- ⊕ **BIBS 112 *Interpreting the Old Testament***
18 points
 The interpretation of the Old Testament in its historical context, including an introduction to methods of study, the interpretation of the Pentateuch (Genesis to Deuteronomy) and the historical books (Joshua-2 Kings), and an in-depth discussion of selected texts.
- ⊕ **BIBS 132 *Introductory Greek NT Language & Exegesis II***
18 points
 A continuation of BIBS 131, including the exegesis of passages from the Greek New Testament.
- ⊕ **BIBS 211/311 *Old Testament Prophets***
18 points
 In this paper we will look at the four prophetic books of the Hebrew Bible, namely Isaiah, Jeremiah, Ezekiel, and the Twelve (Hosea to Malachi), with special reference to how these books deal with the theological crisis of the destruction of the Temple in 586 BCE and the exile of the people of Judah in Babylonia in the sixth century BCE. We will also spend some time looking at what exactly a prophet was in ancient Israel, and how Israelite prophecy fits into what we know of similar religious phenomena elsewhere in the ancient Near East.
- BIBS 224/324 *Special Topic: The Ten Commandments: Their Torah Context and Impact***
18 points
 An investigation of the Ten Commandments focusing on how these laws relate to the narrative of Moses and to the other stories and legal texts of the Torah.

Note: this paper will be taught as an intensive in Dunedin, 29 June–3 July 2015

⊕ **BIBS 322/423 *The New Testament Epistles***
18 points/20 points

A detailed introduction to Paul's life and letters and to the setting and thought of other New Testament Epistles with exegesis of selected texts.

⊕ **CHTH 102 *The History of Christianity***
18 points

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.

⊕ **CHTH 206/306 *The Reformation***
18 points

The sixteenth century Reformation broke apart western Christianity. By focusing on powerful forces and intriguing personalities, this paper explores why and how that happened, and what it meant for the western world.

⊕ **CHTH 212/312 *Spirit, Church and Sacraments***
18 points

The central historical and contemporary debates concerning the person and role of the Holy Spirit; the nature and function of the church; baptism and the Lord's Supper.

⊕ **CHTH 319/415 *Reconciliation, Christian Ethics and Public Theology***
18 points/20 points

An examination of the challenges posed by social reconciliation in different countries in recent times, and their relevance to Christian Ethics and Public Theology.

⊕ **HEBR 132 *Introductory Biblical Hebrew II***
18 points

A continuation of HEBR 131, including the exegesis of selected passages from the Hebrew Bible.

⊕ **MINS 406 *Leadership in Congregations***
20 points

Critical reflection on the nature of leadership in Christian congregations, focusing on understandings and models of effective leadership, and the nature of congregations as social and religious organisations.

⊕ **PAST 207/307 *Special topic: Liturgical Theology***
18 points

An exercise in theology arising from reflection on the act of Christian worship, with reference to liturgical practices across a range of traditions.

Full year papers:

⊕ **BIBS 213/313/411 *Hebrew Old Testament Exegesis 2***
18/20 points

Detailed study of Hebrew language and syntax, with weekly language exercises. The translation and exegesis of selected passages.

⊕ **BIBS 223/323/421 *Greek New Testament Exegesis 2***
18/20 points

Issues in translation of New Testament Greek, including grammar and syntax, with reference to selected passages; translation and detailed exegesis of other Greek texts.

PROGRAMMES OF STUDY

Bachelor of Theology (Honours) BTheol(Hons)
Postgraduate Diploma in Theology (PGDipTheol)
Postgraduate Diploma in Ministry (PGDipMin)
Master of Ministry (MMin)

The BTheol(Hons) and PGDipTheol each comprise three taught papers and a supervised dissertation. Both qualifications prepare students to undertake further study in theology at master's or PhD level.

The PGDipMin and MMin programmes are for the professional development of those involved in Christian Ministry, enhancing understanding and practice. The programmes integrate theological learning with ongoing engagement in and study of the practice of Ministry. The Master of Ministry programme consists of six taught papers and a research project. The Postgraduate Diploma in Ministry consists of six taught papers.

The following papers are available in the first semester:

⊕ **CHTH 414 *The Theology of Soren Kierkegaard***
20 points

A paper which examines the theology of Soren Kierkegaard and considers both his account of the individual before God and his profound critiques of Christendom, the Church and Modern culture.

⊕ **MINS 408 *Special Topic: Ministry in a Culturally Diverse Society***
20 points

An exploration of ministry in a multicultural society, including theology of culture, the changing characteristics of New Zealand culture, and the challenges of ministry in a multicultural society with a foundational bicultural commitment.

The following papers are available in the second semester:

⊕ **BIBS 423 *The New Testament Epistles***
20 points

A detailed introduction to Paul's life and letters and to the setting and thought of other New Testament Epistles with exegesis of selected texts.

⊕ **CHTH 415 *Reconciliation, Christian Ethics and Public Theology***
20 points

An examination of the challenges posed by social reconciliation in different countries in recent times, and their relevance to Christian Ethics and Public Theology.

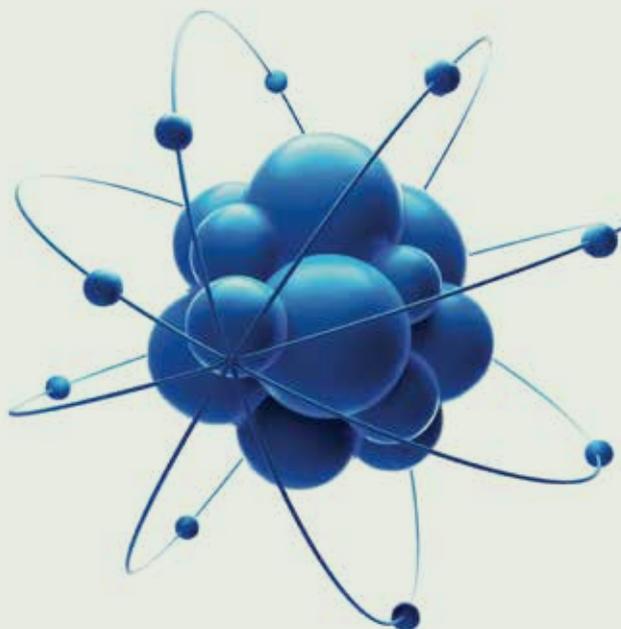
⊕ **MINS 406 *Leadership in Congregations***
20 points

Critical reflection on the nature of leadership in Christian congregations, focusing on understandings and models of effective leadership, and the nature of congregations as social and religious organisations.

Further information

Departmental Administrator
Department of Theology and Religion
University of Otago
PO Box 56, Dunedin 9054
Tel 03 479 8901
Email theology@otago.ac.nz

Sciences



Aquaculture and Fisheries

The following paper is offered:

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. The lectures and the field course will run for two weeks before the first semester.

Further information

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

Chemistry

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.

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 for 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 neon.otago.ac.nz/chemistry/studying/IntroChem/

Dr David McMorran
 Course Co-ordinator
 Department of Chemistry
 University of Otago
 PO Box 56, Dunedin 9054
 Tel 03 479 7934
 Email davidm@chemistry.otago.ac.nz

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.

The following paper is offered:

HAZA 401 Management of Chemical Hazards
20 points (first semester)

Principles that guide the identification and practical treatment of chemical hazards.

Restrictions: CHEM 477/CHEX 477

Further information

HAZA Administrator
 Department of Chemistry University of Otago
 PO Box 56, Dunedin 9054
 Tel 03 479 7912
 Email haza401@chemistry.otago.ac.nz
 Web neon.otago.ac.nz/chemistry/studying/HAZA401

Clothing and Textile Sciences

Scientific and technological developments in clothing and textiles – physical, structural, performance-related and 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.

QUALIFICATIONS AND PROGRAMMES OF STUDY

Postgraduate Certificate in Applied Science (PGCertAppSc) in Clothing and Textile Sciences

Postgraduate Diploma in Applied Science (PGDipAppSc) in Clothing and Textile Sciences

Master of Applied Science (MAppSc) 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

These programmes in Clothing and Textile Sciences cover up-to-the-minute developments in science and technologies in clothing and textiles, nationally and internationally. They are valuable ways of extending knowledge and advancing qualifications for anyone interested in clothing and textiles in New Zealand, and are accredited internationally by The Textile Institute. Entry is open to people with a BSc, a BAppSc, or equivalent. Individual papers may be taken by students who do not have time to complete the full programme or do not wish to do so. A Diploma for Graduates is available both for graduates, and for non-graduates with a tertiary qualification and relevant experience, but no university degree. The recently-introduced taught masters degree may be an appropriate start.

Students who have completed either the postgraduate diploma or four of the required papers may, on application, be permitted to undertake a Master of Science degree in Clothing and Textile Sciences.

The following papers are offered:

- ⊕ ***CLTE 451 Physical Properties of Clothing and Textiles***
20 points (on campus only in 2015, next offered by distance 2018)
 Interactions of clothing and materials with the human body. Selected topics including water/fabric relationships, leather, composites, textile modelling, stitch joining, conservation. One on-campus workshop is normally included.

CLTE 452 Social Aspects of Clothing and Textiles
20 points (full year distance and on campus)

Dress and society: identity, gender, culture and subculture. Dress in history: the Pacific, 19th century New Zealand and contemporary debates. (Suited to those interested in dress/textile conservation or dress in history.)

- ⊕ ***CLTE 453 Research Methods***
20 points (on campus only in 2015, next offered by distance 2016)
 Evaluation and application of methods in clothing and materials

research. (Suited to those with testing, research and compliance interests.) One on-campus workshop is normally included.

CLTE 454 Clothing, Materials and Workplace Injury
20 points (not offered 2015)

Materials and the design of clothing assemblies for reducing the severity and rate of workplace injury. International and national standards, legal requirements, New Zealand case studies. (Suited to health and safety professionals needing a sound understanding of the structure, function and performance of protective clothing.)

CLTE 455 Topic in Advanced Clothing and Textile Sciences
20 points (full year)

Details of this paper are available from Professor Raechel Laing, Clothing and Textile Sciences.

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

An industry-based project.

CLTE 480 Research Project
40 points (full year)

CLTE 490 Dissertation
60 points (full year)

Meetings on campus and in the home town of individual students are normally included

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

Further information

Professor R M Laing
 Academic Co-ordinator
 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/

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:

SURV 101 Introductory Surveying
18 points (second semester, also available on campus)

The paper explores several surveying techniques, principles and procedures as well as providing an introduction to a varied range of survey applications, such as GPS, engineering and construction surveying.

Students need internet access for regular communication by email, and must attend a one-week field course (scheduled during the mid-semester break) which is held at the Dunedin campus.

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

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

turn 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.”

Business



Business Studies

BSNS 301 Internship Practicum

Internships are arranged for students to work fulltime for up to a year and to engage in critical reflection of their experience. Most internships are expected to be outside the Otago region.

Information Science

Information Science is the study of information and how it is used by people within organisations. (See also the Health Informatics papers in the Health Sciences section).

The following paper is offered:

INFO 411 Machine Learning and Data Mining 20 points (second semester)

Principles and algorithms of machine learning and data mining; application case studies on business intelligence, software engineering, computer networking, and pattern recognition etc.; new research trends.

Further information

Dr Jeremiah Deng
Department of Information Science
University of Otago
PO Box 56, Dunedin 9054
Tel 03 479 8090
Email ddeng@infoscience.otago.ac.nz
Web infosci.otago.ac.nz/info411/

Marketing

MART 205 Marketing the Professional Practice 18 points (November/December)

Advertising the professional practice; packaging of professional services; measuring and improving client satisfaction; the professional-client relationship; adding value to professional services; building reputation and image; fee setting; ethical issues.

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:

🌐 *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.

🌐 *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.

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 otago.ac.nz/tourism/

Tourism Secretary
Department of Tourism
University of Otago
PO Box 56, Dunedin 9054
Tel 03 479 8520
Email tourism@otago.ac.nz

Sam Cameron

Postgraduate Diploma in Health Sciences 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 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.

“Occupational health is a more preventive area of work than physiotherapy. Sort of like the fence at the top of the cliff.

“It goes beyond simply identifying hazards in the workplace. We explore avenues and implement changes to promote the mental and physical health and well-being in workers.

“It’s quite fascinating how some small and inexpensive approaches can have large effects on staff health and performance. One day, I am hoping to contract to bigger companies and work with employers, to ensure and promote staff health and well-being. I think this will be an exciting new area of business for me.”

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.

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.”

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)

PhD

PROGRAMMES OF STUDY

Postgraduate Certificate in Health Sciences (PGCertHealSc) endorsed in Addiction and Co-existing Disorders

PSME 404/PSMX 404 plus one of PSME 416/PSMX 416, PSME 422/PSMX 422 or PSME 424/PSMX 424.

Postgraduate Diploma in Health Sciences (PGDipHealSc) endorsed in Addiction and Co-existing Disorders

PSME 404/PSMX 404 plus two of PSME 416/PSMX 416, PSME 422/PSMX 422 or PSME 424, PSMX 424 plus one other approved paper.

Master of Health Sciences (MHealSc)

Postgraduate diploma plus either a thesis or two further approved papers and a dissertation.

PhD

The department can supervise a limited number of PhD students interested in research in this field.

The following papers are offered:

PSME 404 Addiction Assessment
30 points (first semester)

Develops clinical skills in assessment and treatment for people with moderate to severe alcohol and drug dependence, including coexisting substance use and mental health problems. Involves two 3-day block courses in Christchurch running from Thursday to Saturday, a series of audioconferences, and self-directed learning during the semester.

PSME 416 Addiction Applied Theory
30 points (not offered 2015, expected to be offered 2016)

A clinically-oriented theoretical overview of addiction and coexisting disorders. Suitable for anyone working in the addiction and broader mental health fields, including those with a policy focus. Usually taught as a combination of one 3-day block course in Christchurch, audioconferences, and email discussion.

PSME 422 Addiction Treatment
30 points (second semester)

Focuses on interventions for people with alcohol and drug and coexisting mental health problems. Includes two 3-day block courses in Christchurch, four audioconferences, an online group and self-directed case-based learning.

PSME 424 Addiction Pharmacotherapy
30 points (first semester)

Use of medications in treating addicted people including coexisting medical and psychiatric disorders. Runs as a combination of two 2-day workshops in Nelson and an email discussion group, focused on 10 clinical cases.

Students taking any of PSME 404, PSME 422, or PSME 424 must have worked clinically for at least two years and, at the time of study, must be working clinically in a therapeutic setting.

Students should contact the Department of Psychological Medicine, University of Otago Christchurch, to check eligibility before applying.

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

Aeromedical Retrieval and Transport

(see Aviation Medicine)

Aviation Medicine

(including Aeromedical Retrieval and Transport, and Occupational and Aviation Medicine)

The Occupational and Aviation Medicine Unit (OAMU) provides training to registered medical practitioners and other health professionals in nearly all countries of the world. Some participants are airline or military flying doctors, but most have an interest in civil and general aviation, air ambulance or retrieval medicine, occupational medicine and associated medical problems.

Doctors who have completed the programmes have become specialists in occupational medicine and have incorporated the programme into their FAFOM or MFOM training programme. Anaesthetists and International SOS doctors have enhanced their effectiveness by training in the aeromedical aspects of their job. Other specialists come from neurosurgery, trauma and emergency medicine, respiratory medicine, psychiatry and pathology.

QUALIFICATIONS**Aeromedical Retrieval and Transport**

Postgraduate Certificate in Aeromedical Retrieval and Transport (PGCertAeroRT)

Postgraduate Diploma in Aeromedical Retrieval and Transport (PGDipAeroRT)

Master of Health Sciences (MHealSc) endorsed in Aviation Medicine

Postgraduate Certificate in Health Sciences (PGCertHealSc) endorsed in Aeromedical Retrieval and Transport

Postgraduate Diploma in Health Sciences (PGDipHealSc) endorsed in Aeromedical Retrieval and Transport

Master of Health Sciences (MHealSc) endorsed in Aeromedical Retrieval and Transport

PhD in Aeromedical Retrieval and Transport

Aviation Medicine

Postgraduate Certificate in Civil Aviation Medicine (PGCertCAvMed)

Master of Aviation Medicine (MAvMed)

PhD in Aviation Medicine

Occupational Medicine

Postgraduate Certificate in Occupational Medicine (PGCertOccMed)

Postgraduate Diploma in Occupational Medicine (PGDipOccMed)

Master of Health Sciences (MHealSc) endorsed in Occupational Medicine.

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)

A one year, part-time programme comprising two distance-taught papers, AVME 717 and AVME 718.

Postgraduate Certificate in Civil Aviation Medicine (PGCertCAvMed)

An entry-level qualification for medical practitioners who wish to be accredited as CAA aviation medical examiners. A one year, part-time programme comprising two distance-taught papers, AVME 711 and AVME 714.

Postgraduate Certificate in Health Sciences (PGCertHealSc) endorsed in Aeromedical Retrieval and Transport

A one-year, part-time programme comprising two distance-taught papers, AVME 719 and AVME 720.

Postgraduate Certificate in Occupational Medicine (PGCertOccMed)

A one year, part-time programme comprising two distance-taught papers, AVME 715 and AVME 716.

Postgraduate Diploma in Aeromedical Retrieval and Transport (PGDipAeroRT)

A two year, part-time programme comprising four distance-taught papers, AVME 717 and AVME 718 (normally completed first for the Postgraduate Certificate in Aeromedical Retrieval and Transport) and AVME 721 and AVME 722.

Postgraduate Diploma in Health Sciences (PGDipHealSc) endorsed in Aeromedical Retrieval and Transport

A two year, part-time programme comprising four distance-taught papers, AVME 719 and AVME 720 (normally completed first for the Postgraduate Certificate in Health Sciences) and AVME 717 and AVME 718.

Postgraduate Diploma in Occupational Medicine (PGDipOccMed)

A two year, part-time programme comprising four distance-taught papers, AVME 715 and AVME 716 (normally completed first for the Postgraduate Certificate in Occupational Medicine) and AVME 723 and AVME 724.

Master of Aviation Medicine (MAvMed)

Eight AVME papers, including AVME 711 – 714. The other four papers will be taken from the occupational medicine or aeromedical retrieval and transport streams and may also allow award of a certificate and/or diploma in that discipline.

Master of Health Sciences (MHealSc) endorsed in Aeromedical Retrieval and Transport, Aviation Medicine, and Occupational Medicine.

PhD in Aeromedical Retrieval and Transport, Aviation Medicine, and Occupational Medicine.

Research supervision is also available for the degree of Master of Health Sciences (MHealSc) endorsed in any of three specialisations (Aeromedical Retrieval and Transport, Aviation Medicine, Occupational Medicine) or for PhD students in appropriate locations outside Wellington.

The following papers are offered:

Note: Papers are offered in alternate years.

The following papers are offered in odd numbered years i.e. 2015, 2017 etc.

First semester: AVME 713, AVME 715, AVME 717.

Second semester: AVME 712, AVME 716, AVME 718.

The following papers are offered in even numbered years, i.e. 2016, 2018 etc.

First semester: AVME 711, AVME 719, AVME 721, AVME 723.

Second semester: AVME 714, AVME 720, AVME 722, AVME 724.

⊕ **AVME 712 Aircrew Health and Performance**
30 points (second semester)

Short-term acceleration and aircrew flying clothing; aviation pathology and medical investigation of aircraft accidents; education and training for commercial flight crew; noise, vibration and communication; thermal physiology, rescue and survival; circadian rhythms and fatigue; human performance in aviation; ergonomics in aviation; work performance.

⊕ **AVME 713 Airport and Travel Health**
30 points (first semester)

Medical aspects of air traffic control; airport services; aviation toxicology and agricultural aviation; passenger cabin safety; traveller health; the health of flight attendants; airline aviation medicine; food hygiene and airline catering; air ambulances.

⊕ **AVME 715 Principles of Occupational Medicine**
30 points (first semester)

The general principles of occupational medicine including occupational epidemiology; occupational biostatistics and critical appraisal; rehabilitation and resettlement; accidents at work; occupational mental health and sickness absence; ergonomics, occupational overuse injury and back injuries, manual handling overuse injuries; occupational toxicology; occupational exposure and specific organ health effects; heat and cold.

⊕ **AVME 716 Clinical Occupational Medicine**
30 points (second semester)

Occupational noise; lighting and vision; radiation and electrical hazards at work; occupational lung disorders; occupational allergy, asthma and dermatitis; occupational cancer; shift work; occupational hygiene; occupational diving and compressed air at work.

⊕ **AVME 717 Medical Logistics in Aeromedical Transport**
30 points (first semester)

Historical perspectives, search and rescue; primary aeromedical retrieval; secondary aeromedical retrieval and transfers; logistics of long-reach retrieval; tertiary aeromedical transport; logistics of international repatriation; essential pre-flight considerations; working as a team.

⊕ **AVME 718 Operational Aspects of Aeromedical Transport**
30 points (second semester)

Overview of aeromedical transport worldwide; modes of medical transport; helicopters used for medical transport; fixed wing aircraft used for medical transport; aircraft safety – the risks of air travel; aeromedical equipment; operational limitations and constraints; concepts in altitude physiology; further physiology of transport.

⊕ **AVME 780 Research Project**
30 points (each semester)

A supervised, original project of up to 10,000 words in aviation medicine or a related field, usually applied to the student's area of practice, for example, a systematic review, pilot study, audit, or case study.

⊕ **AVME 785 Research Methods**
30 points (first semester)

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

⊕ **AVME 711 Aviation Physiology**
30 points (not offered 2015, next offered first semester 2016)

The effects of pressure change; altitude physiology; oxygen equipment; vestibular forms of spatial disorientation; visual and central forms of disorientation; vision in aviation; acceleration; ageing and performance; sudden incapacitation.

⊕ **AVME 714 Clinical Aviation Medicine**
30 points (not offered 2015, next offered second semester 2016)

Medical certification and risk assessment; hazards of medication in flying; aviation ophthalmology; aviation otolaryngology; aviation psychiatry; aviation neurology and neurosurgery; aviation cardiology.

⊕ **AVME 719 Aeromedical Studies for Nurses and Paramedics**
30 points (first semester)

Aviation physiology; the impact of the stresses of flight on the human body; the aviation worksite and related issues; patient care (pre-flight, in-flight, and post-flight); professional and medico-legal aeromedical issues.

⊕ **AVME 720 Critical Analysis in Aeromedical Retrieval and Transport**
30 points (second semester)

Critical analysis of an issue in flight nursing or aero/paramedical care; a personal programme of study based in critical evaluation of the student's own clinical role and working environment.

⊕ **AVME 721 Clinical Care in the Air**
30 points (not offered 2015, next offered second semester 2016)

Relating physiology, pathology and flight; general clinical concerns; cardiovascular patients; orthopaedic and trauma patients; burn patients; obstetric and gynaecological patients; aeromedical transport of children; psychiatric patients and miscellaneous conditions; critical care in the air.

⊕ **AVME 722 Organisation of Aeromedical Systems**
30 points (not offered 2015, next offered second semester 2016)

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.

⊕ **AVME 723 Managing Occupational Medicine**
30 points (not offered 2015, next offered second semester 2016)

Disability assessment; workplace assessment; communication, consultation and negotiation; risk assessment and risk communication; funding and management of occupational health; occupational medicine and the law; research and medical informatics in occupational medicine; hazard control and safety in occupational medicine; quality assurance in occupational medicine.

AVME 724 Health and Industry

30 points (not offered 2015, next offered second semester 2016)

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

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 5590
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 (PGDipHealSc) endorsed in Bioethics

Master of Health Sciences (MHealSc) endorsed in Bioethics

Master of Bioethics and Health Law (MBHL)

Graduate Diploma in Bioethics and Health Law (GDipBHL)

PROGRAMMES OF STUDY

Six papers, BITC 401, BITC 403, BITC 404, BITC 405, BITC 406, and BITC 407 are offered through distance learning and may be credited towards postgraduate qualifications including masters' degrees and postgraduate diplomas in Health Sciences and in Bioethics 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:

BITC 401 Theories of Biomedical Ethics

30 points (first semester)

Key concepts in ethics such as autonomy, dignity, justice, and duty. To elucidate the character of moral debate with respect to the health and well-being of people. There is one residential weekend held in Dunedin.

Admission requires approval from the Director of the Bioethics Centre.

BITC 403 Issues in Law, Ethics and Medicine

15 points (first semester)

Current issues in bioethics and medical law are explored with reference to theories about actual and desirable relationships of law, morals, and the biomedical sciences. There is one residential weekend held in Dunedin.

Prerequisites or corequisites: BITC 401 and LAWS 447 or LAWS 448, or approval from the Director of the Bioethics Centre.

BITC 404 Ethics and Health Care

30 points (second semester)

The ethical dimensions of major areas and themes of contention in health-care provision including beginning and end of life issues, resource allocation, genetics, new and emerging technologies, mental health issues, and boundaries of medicine.

Prerequisite: BITC 401 or approval from the Director of the Bioethics Centre.

BITC 405 Bioethics in Clinical Practice

30 points (second semester)

Ethical issues arising at the heart of clinical practice such as obtaining consent, holding confidences, maintaining professional boundaries, and managing multiple roles. There is one residential weekend held in Dunedin.

Admission requires approval from the Director of the Bioethics Centre.

BITC 406 Health Research Ethics

15 points (first semester)

Basic ethical aspects of health research on humans: questions arising in research from conception, design and conduct, right through to dissemination of research results; the role and challenges of ethical review of research; Māori in research; and research in vulnerable populations.

Admission requires approval from the Director of the Bioethics Centre.

BITC 407 Advanced Health Research Ethics

15 points (second semester)

Complex and controversial areas of research theory and practice, including the use of deception, research involving animals, longitudinal research, healthy volunteer research studies, and genetic research.

Prerequisite or corequisite: BITC 406 or approval from the Director of the Bioethics Centre.

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/

Child Health

The Postgraduate Diploma in Child Health (DCH) programme is a valuable learning opportunity for health professionals who provide child health services.

QUALIFICATION AND PROGRAMME OF STUDY

Postgraduate Diploma in Child Health (DCH)

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 CHHE 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:

CHHE 701 Community Child Health
30 points (each semester)

This paper covers community aspects of child health and child health services. Topics covered include: epidemiology of childhood disease, nutrition, adolescent health, immunisation, health of Māori children, and dental issues in paediatrics. The paper is based on recommended readings and 16 one-hour audioconference sessions. Candidates are expected to take part in community visits to gain an understanding of facilities catering to the health needs of children outside hospitals. This paper complements the clinical component of the Postgraduate Diploma in Child Health which is taught in a hospital setting where candidates hold positions as junior paediatric medical staff.

Further information

Amanda Phillips
Distance Learning Co-ordinator
Department of Women's and Children's Health
PO Box 913, Dunedin 9054
Tel 03 474 7825
Email wch.distancelearning@otago.ac.nz

CHHE 702 Clinical Attachment in Paediatrics
90 points (each semester)

This paper develops clinical knowledge, skills, and attitudes concerning paediatrics and child health. Covers neonatal paediatrics and general paediatrics in inpatient and outpatient settings. Explores managing chronic childhood problems including developmental difficulties and acute problems.

Except under unusual circumstances, candidates will be employed in an approved hospital as a paediatric SHO or higher for a minimum of six months during the time they are studying for CHHE 702. Students may also enrol for CHHE 702 on its own without studying for the Postgraduate Diploma in Child Health. The paper involves about 20 formal tutorials in the candidate's own centre, as well as 27 PowerPoint audioconferences and teaching via the internet/telepaediatrics. All candidates must already have access to internet/email facilities and access to a personal computer with a CD-ROM drive, webcam, headphones, microphone and PowerPoint installed.

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.uow@otago.ac.nz

Clinical Research

Endorsements in Clinical Research are aimed at registered health professionals who work – or intend to work – in roles that involve clinical research. They are designed to enrich your clinical practice and the service you provide, through being engaged with clinical research. Using the practical, real-life questions that arise in clinical practice, the programmes will equip you with the understanding of each step of the research process from understanding the range of research methodologies (quantitative, qualitative, and mixed methods), formulating the proposal, research ethics, data collection, management, analysis, and research dissemination.

QUALIFICATIONS

Postgraduate Certificate in Health Sciences (PGCertHealSc) endorsed in Clinical Research

Postgraduate Diploma in Health Sciences (PGDipHealSc) endorsed in Clinical Research

Master of Health Sciences (MHealSc) endorsed in Clinical Research

PROGRAMMES OF STUDY

Postgraduate Certificate in Health Sciences (PGCertHealSc) endorsed in Clinical Research

The Certificate programme will develop in graduates a grounding in research methodology, data collection and management, as well as the ethical considerations of the clinical research environment. The programme normally requires one semester of full-time study or the equivalent of part-time study, and prepares the student for admission to the Postgraduate Diploma in Health Sciences endorsed in Clinical Research. The distance learning PGCertHealSc requirements are: BITC 406/BITX 406 and one of AVME 785/AVMX 785, GENA 821/GENX 821, HASC 417/HASX 417, NURS 415/NURX 415, PHCY 506/PHCX 506, PHTY 610/ PHTX 610 or other approved research methods paper(s) to the value of 30 points; and HEIN 708/HEIX 708.

Postgraduate Diploma in Health Sciences (PGDipHealSc) endorsed in Clinical Research

Candidates for the Diploma apply skills established in the PGCertHealSc endorsed in Clinical Research to study in their professional field, which may include a focused research project. The Diploma normally requires one year of full-time study or the equivalent of part-time study (or one semester of full-time study or the equivalent of part-time study for candidates who have already completed the PGCertHealSc endorsed in Clinical Research) and prepares the student for admission to the Master of Health Sciences endorsed in Clinical Research. The distance learning PGDipHealSc requirements are: BITX 406/BITC 406 and one of AVME 785/AVMX 785, GENA 821/GENX 821, HASC 417/HASX 417, HEIN 706/HEIX 706; NURS 415/NURX 415, PHCY 506/PHCX 506, PHTY 610/PHTX 610/, or other approved research methods paper(s) to the value of 30 points; /HEIN 780/HEIX 708, and approved papers to the value of 60 points from: BITC 407/BITX 407; HASC 780/HASX 780; PHTY 650/PHTX 650; HEIN 702/HEIX 702; HEIN 703/HEIX 703. Alternative papers that make up a coherent course of study may be considered.

Master of Health Sciences (MHealSc) endorsed in Clinical Research

Clinical Research for the MHealSc involves a major piece of supervised research on a topic related to the candidate's professional field. The primary aim of the programme is to develop in a candidate skills needed to identify a significant topic, design and implement an extended piece of research, and present the findings in a form acceptable to an expert readership. The degree may also qualify the candidate for entry to the PhD. The distance learning MHealSc requirements are as for the PGDipHealSc plus a thesis.

The following papers are offered:

BITC 406 Health Research Ethics
15 points (first semester)

Basic ethical aspects of health research on humans: questions arising in research from conception, design and conduct, to dissemination of research results; the role and challenges of ethical review of research; Māori in research; and research in vulnerable populations.

Limited to: MHealSc, MHealSc(Endorsed), MBHL, PGDipHealSc, PGDipHealSc(End), DipGrad, GDipBHL

Note: Admission requires approval from the Director of the Bioethics Centre.

BITC 407 Advanced Health Research Ethics
15 points (second semester)

Complex and controversial areas of research theory and practice, including the use of deception, research involving animals, longitudinal research, healthy volunteer research studies, genetic research.

Prerequisite: BITC 406/BITX 406

Limited to: MHealSc, MHealSc(Endorsed), MBHL, PGDipHealSc, PGDipHealSc(End), DipGrad, GDipBHL

AVME 785 Research Methods
30 points (first semester)

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.

Limited to: MHealSc, MHealSc(Endorsed), MAVMed, PGDipAeroRT, PGDipHealSc, PGDipHealSc(End), PGDipOccMed

GENA 821 Research Methods
30 points (full year)

The principles of critical appraisal of health literature, and an introduction to research methodology, research design methods, data collection, research reporting and research ethics.

Limited to: MGP, PGDipGP, PGDipRPHP, PGCertGP

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. There are three on-campus block courses in Wellington.

Limited to: MCLinPharm, MHealSc, MHealSc(Endorsed), MPHC, PGDipGP, PGDipHealSc, PGDipHealSc(End), PGDipMLSc, PGDipPHC, PGDipPHC(Endorsed), PGDipRehab, PGDipTravMed, PGCertGP, PGCertPHC

HASC 780 Research Project
30 points (full year)

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 within health sciences.

Limited to: MHealSc, MHealSc(Endorsed)

HEIN 702 Principles of Health Informatics
30 points (full year)

A survey of the field including integrated health information system components and architecture, the electronic medical record, telemedicine, artificial intelligence, geographic information systems, decision making, social and ethical issues. The focus is on the application of information and telecommunication technology to health care.

Prerequisite or corequisite: HEIN 701/HEIX 701

Limited to: PGDipHealInf, PGDipPHC(Endorsed), PGCertPHC(Endorsed)

HEIN 703 Health Information Systems
30 points (full year)

Concepts and practical skills required to understand, evaluate, select, implement or design a health information system. Includes problem definition, user acceptability issues, data modelling, database management systems, systems analysis and physical database design.

Prerequisite: HEIN 701/HEIX 701

Limited to: PGDipHealInf

HEIN 706 Research Methods for Health Informatics
30 points (first semester)

An introduction to all aspects of the process of research, with a special emphasis on study designs common in health informatics and biomedical research. Students work through the process of research from developing a hypothesis, literature search, resolving ethical and cultural issues, refining a research question, designing a suitable study, measurement issues, data management and database design, while simultaneously receiving an introduction to statistical analysis with practical examples using suitable software.

Limited to: PGDipHealInf

Note: An elective paper for PGDipHealInf may also be taken by other approved students.

HEIN 708 Health Data Management
15 points (second semester)

Understanding data collection management and information processing principles for clinical research purposes. Issues associated with data capture, external data imports, database design, metadata, data quality, and integrity.

Limited to: MHealSc, MHealSc(Endorsed), PGDipHealSc, PGDipHealSc(End), PGCertHealSc(End)

NURS 415 Nursing Research Methods
30 points (first semester)

An introduction to a variety of approaches appropriate to addressing nursing research questions. The application of ethics, process and methodology in quantitative and qualitative styles is covered. This paper includes both on-campus study blocks in Christchurch and online learning activities.

Limited to: MHealSc, MHealSc(Endorsed), PGDipHealSc, PGDipHealSc(End)

PHCY 506 Research Methods
30 points (second semester)

Selected modules on critical evaluation and practical applications of quantitative and qualitative methods used in health science research. Available to health professionals.

Limited to: MCLinPharm, MDiet, MHealSc, MPharm, PGDipMLSc, PGDipPharm

Note: Can normally only be taken for the qualifications listed above; other students may be admitted with approval from the Dean of the School of Pharmacy.

PHTY 610 Research Methods
30 points (each semester)

Research design, evaluation, survey and qualitative methods.

Restrictions: PHTY 550/PHTX 550 and PHTY 650

Limited to: MPhty, MPhty(Endorsed)

PHTY 650 Research Project
30 points (each semester)

A supervised research project of a standard likely to be published presenting the results of original research on a relevant topic within physiotherapy.

Restrictions: PHTY 550/PHTX 550 and PHTY 650

Limited to: MPhty, MPhty(Endorsed)

Further information

Trevor Williams
 Postgraduate Liaison Officer
 University of Otago, Wellington
 2 Mein Street, Newtown
 PO Box 7343, Wellington South 6242
 Tel 04 385 5543
 Email trevor.williams@otago.ac.nz

Continence Management

QUALIFICATION AND PROGRAMME OF STUDY

Postgraduate Certificate in Health Sciences (PGCertHealSc) endorsed in Continence Management

A two-paper postgraduate certificate is offered to provide nurses and physiotherapists with the skills to independently assess and manage patients with urinary and faecal incontinence.

The following papers are offered:

CTMG 401 Pathophysiology of Incontinence
30 points (not offered 2015, next offered first semester 2016)

Epidemiology, anatomical and physiological concepts of urinary and faecal continence and incontinence. Diagnostic tests.

CTMG 402 Management for Continence
30 points (not offered 2015, next offered second semester 2016)

Conservative and surgical treatments available, their rationale and efficacy. Establishing a continence clinic; the principles of assessing results.

These papers are taught mainly in on-campus blocks in Christchurch.

Further information

Ruth Helms
 Manager, Academic Programmes
 University of Otago, Christchurch
 P O Box 4345, Christchurch 8140
 Tel 03 364 0527
 Email ruth.helms@otago.ac.nz

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 AND PROGRAMME OF STUDY

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

This two-paper certificate has been established to provide training to appropriately qualified professionals.

The following papers are offered:

PSME 436 Principles of Family and Systems Theory
30 points (first semester)

This paper is primarily a theoretical paper exploring the major models of family therapy theory and practice from an integrative perspective through analysis and critique. It includes some skill-based sessions and an expectation of some fieldwork (eight hours).

PSME 437 Applied Systems Theory
30 points (second semester)

This is a practice and skills-oriented paper, focusing upon the development of conceptual, assessment and interventive skills with families and other systems. As such, it requires a considerable amount of supervised fieldwork (forty hours).

Both papers are taught in block format from the Wellington campus.

Further information

Julie Burgess-Manning
 Clinical Lecturer and Course Convenor
 Email julie.burgess-manning@otago.ac.nz

Maria Fitzmaurice
 Postgraduate Programme Administrator
 Department of Psychological Medicine
 University of Otago, Wellington
 PO Box 7343, Wellington 6242
 Tel 04 385 5541 extn 6511
 Email maria.fitzmaurice@otago.ac.nz

Forensic Psychiatry

Principles and practice of forensic psychiatry.

QUALIFICATION AND PROGRAMME OF STUDY

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

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 either PSME 401/PSMX 401 or NURS 403/NURX 403. The 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:

PSME 407 Forensic Psychiatry

30 points (not offered 2015, expected to be offered 2016)

Examines key aspects of forensic mental health and how new information impacts on clinical practice. Components of forensic mental health include legislation as it applies to the mentally ill (both criminal and civil), the history and operation of forensic psychiatric services within New Zealand, impulsivity, aggression and personality disorder, conduct disorder, the association between mental disorder and violence, substance abuse and offending, and psychiatric care in secure facilities. Applicants are expected to be working in the mental health area in New Zealand.

This paper is taught by four 2-day block courses in Christchurch. Students are required to attend all four block courses.

PSME 401 Nature, Extent and Assessment of Mental Disorders

30 points (not offered 2015)

Examines the key features of psychiatric disorders, their epidemiology, aetiology and an introduction to their treatment. It also provides an understanding of the history of current classification systems used in psychiatric practice. The paper develops an awareness of professional, ethical, cultural and research frameworks related to psychiatric disorders and an ability to critically evaluate.

This paper is taught by four two-day block courses in Christchurch. Students are required to attend all four block courses.

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 two to three 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 dissertation.

Papers are taught from either the Dunedin or Wellington campus. Each paper states the campus from which it is taught. In summary: GENA 702-715, and GENA 719-720, GENA 731-735, plus HASC 417 and PHRC 701-702 are taught from Wellington. GENA 717-718 and GENA 724-730 plus GENA 820-828 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 distance taught and qualifications may be taken on a part-time basis.

Master of General Practice (MGP)

The Master of General Practice (MGP) degree is for general practitioners who wish to extend their postgraduate study. Students will have satisfactorily completed the Postgraduate Diploma in General Practice, including the research paper GENA 821 Research Methods. The degree involves the completion of either a research thesis or approved papers and a dissertation.

The following papers are offered:

Either

GENA 820 Nature of Medical Practice (core paper)

30 points (full year, not offered 2015, expected to be offered 2016)

This paper is a systematic review of the foundational concepts of medical practice, and it aims to examine the academic and philosophic underpinning of this. There are three face-to-face weekend residential periods and eight modules of study. These explain important issues about what it means to be a doctor. Topics include the history and culture of modern medicine, the doctor-patient relationship, consultation studies, the self of the doctor, and the world of the patient and the place of general

practice in health care delivery. Common outcomes of doing this paper are:

- a renewed sense of purpose in medicine
- greater comprehension of the strengths and limitations of modern clinical method
- fewer “heartsink” or “difficult” patients
- an ability to contribute critically to medicopolitical discussions
- better understanding of one’s own career choices
- a great sense of collegiality with others.

This paper is one of the prerequisite papers for the diploma. Taught from Dunedin. There are three residential workshops.

and/or

PRHC 701 New Zealand Primary Health Care (core paper)
30 points (first semester)

This paper explores how to anticipate, plan for, and evaluate changes to the delivery of primary health care in New Zealand today. Taking a population-based approach, interdisciplinary and multi-agency collaboration, as well as the interdependence of the generalist and specialist roles in the context of health-care delivery are discussed.

There are two residential periods in Wellington.

GENA 702 Sexual and Reproductive Health
30 points (second semester)

This paper is relevant for anyone working in the field of sexual and reproductive health in any primary-care setting including general practice, school, student health, and family planning clinics. It is especially suitable for GPs, practice nurses, other primary-care nurses, and pharmacists. It introduces and builds on the principles of sexual and reproductive health, including population health at national and international levels, and concepts about safe and effective provision of care. It gives practical advice about diagnosis, management, and monitoring in a primary-care setting. It assumes clinical experience working as a health professional, and builds on that experience with a strong interdisciplinary focus.

There is one residential period in Wellington.

GENA 704 Te Tūhauora Māori Health
30 points (not offered 2015, expected to be offered second semester 2016)

This introductory paper is offered to those working in any area of primary health care. It covers a range of topics, including the historical, social and political contexts of Māori health, the Treaty of Waitangi, Māori health status and priorities, frameworks for assessment and intervention, health initiatives, and models for care delivery.

There is one residential period in Wellington.

GENA 709 Long-term Condition Management
30 points (first semester)

Principles of ongoing, culturally-appropriate long-term condition management, including implementing change in clinical practice and ways of delivering care, complexity in long-term condition management, best use of clinical information systems, patient self-management approaches, integrated care across the sectors, and population-based approaches.

There is one residential period in Wellington.

GENA 710 Mental Health and Illness in Primary Care
30 points (second semester)

The paper is especially suitable for health professionals working in primary health-care settings where interdisciplinary practice is the norm. Mental health issues are an intrinsic component of primary health-care delivery and are increasingly managed in community settings. This interdisciplinary paper is intended to give primary health-care professionals a sound basis for the recognition and management of mental health issues that commonly present in primary health-care settings. It provides a basis for evaluation, care planning and delivery for patients with mental health issues. It reviews current mental health status data and policy directions for primary care-based service delivery and workforce development.

There is one residential period in Wellington.

GENA 711 Long-term Condition Management (Advanced)
30 points (second semester)

Principles of ongoing, culturally-appropriate long-term condition management, including an understanding of complexity, patient self-management, integrated care between primary, secondary and community non-governmental services, interpersonal skills, population-based approaches, and effective change management.

There is one residential period in Wellington.

Prerequisite: GENA 709 (previously GENX 709)

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

This paper provides an overview of travel medicine as a specialty area of practice, and will cover the principles of preparing the intending traveller and with a focus on prevention, and a detailed knowledge of vaccine preventable illness and travel vaccines. Students will be informed of relevant resources available for keeping up to date in this field of increasing publications relevant to clinical practice.

There is one residential period in Wellington.

Restriction: GENX 715

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

This paper will cover the specific clinical concerns of travellers with special needs including returning travellers, the humanitarian worker, pregnant women, elderly, visiting friends and relatives, children, long-term expatriates, the immune-compromised traveller, the humanitarian and aid worker, and the adventure traveller. Specific clinical contexts to be covered include fitness to fly/aviation medicine, food and water-borne disease, preventing food and water-borne disease, preventing insect-borne disease, sexually transmitted infections and the traveller, travel dermatology, tuberculosis and travel, and the unwell returning traveller or recent migrant.

There is one residential period in Wellington.

Prerequisite: GENA 713 (previously GENX 713)

Restriction: GENX 715

Limited to: PGDipTravMed, PGCertTravMed

GENA 719 Tropical Infectious Disease**30 points (first semester)**

This paper is designed to provide suitably qualified health professionals with theoretical and practical knowledge sufficient to manage tropical diseases. The paper is of interest to any health professional whose practice brings them into contact with travellers, migrants or those who plan to work in tropical countries. Topics include relevant tropical diseases (arboviruses, malaria, helminthic infections, tuberculosis, HIV); their epidemiology, presentation, diagnosis, treatment and management both in developing countries and in New Zealand.

There is one residential period in Wellington.

GENA 720 Refugee and Migrant Health**30 points (second semester)**

This paper is designed to provide health professionals with the theoretical and practical knowledge necessary to manage the health needs of refugee and migrant groups. It also covers the needs of, and challenges facing, those working in aid projects. The principles of competent cross-cultural practice will be covered. Working with interpreters and with groups for whom English is a second language forms an essential part of the course.

There is one residential period in Wellington.

GENA 731 Supporting Healthier Lifestyles: Introduction**15 points (first semester)**

This paper utilises evidence-based strategies and introduces a patient-focused, self-efficacy approach to support patients to achieve changes in lifestyle behaviours.

There is one residential period in Wellington.

GENA 732 Supporting Healthier Lifestyles: Sleep Management**15 points (not offered 2015, expected to be offered second semester 2016)**

This paper addresses sleep disorders commonly associated with health risk factors and illnesses focusing on guidelines for primary/integrated health-care settings.

There is one residential period in Wellington.

GENA 733 Supporting Healthier Lifestyles: Tackling Obesity**15 points (not offered 2015, expected to be offered second semester 2016)**

This paper explores evidence-based strategies and interventions designed to address overweight and obesity. It overviews effective primary care management approaches to support patients to achieve health through healthier lifestyle behaviours.

There is one residential period in Wellington.

GENA 734 Supporting Healthier Lifestyles: Addiction and Drug Abuse**15 points (not offered 2015, expected to be offered second semester 2016)**

This paper addresses the support required in primary/integrated health-care settings to implement evidence-based strategies for managing alcohol, tobacco, and other substance or behavioural addiction.

There is one residential period in Wellington.

GENA 735 Supporting Healthier Lifestyles: Challenging Conversations**15 points (second semester)**

This paper explores the interactional strategies used by patients and health professionals to manage conversations about lifestyle behaviours/lifestyle behaviour change in the primary care setting.

There is one residential period in Wellington.

PRHC 702 Expedition and Wilderness Medicine**30 points (not offered 2015, expected to be offered second semester 2016)**

This paper is designed to provide participants with an understanding of planning and preparation for activities in the wilderness environment, both within New Zealand and overseas, and medical problems associated with the wilderness environment and the special considerations of providing medical care in an outdoor environment including risk assessment and resource management.

There is one residential period (usually over Labour Weekend) at the Edmund Hillary Outdoor Pursuits Centre, Tongariro.

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

This paper provides an introduction to quantitative and qualitative research methods used in the health sciences. Critical appraisal and literature review skills are an integral part of the course. On completion of the course, students will be able to design and create a master's-level research project under supervision.

There are three on-campus block courses in Wellington.

The following 800-level papers GENA 821 – 828 are taught from Dunedin:

GENA 821 Research Methods**30 points (full year)**

This paper introduces the basic principles and methods of critical appraisal and research design. It provides the participant with the skills to undertake and contribute to medical research through detailed coverage of research methods and design, data collection and analysis, research reporting and research ethics. This paper is a prerequisite for proceeding to a Master of General Practice degree. Taught from Dunedin.

GENA 822 Advanced Nature of General Practice**15 points (second semester)**

This is a paper for those who like to be challenged. It involves in-depth development of patient-centred medicine, leading to the consideration of what constitutes quality in general practice. Modules include uncertainty of error, "heartsink" or "difficult" patients, terminal care, the doctor-patient relationship and quality in practice. There are two residential workshops. Taught from Dunedin.

Prerequisite: GENA 820

GENA 823 Teaching and Learning in Medical Practice**30 points (full year, not offered 2015, expected to be offered 2017)**

This paper is based on key aspects of educational theory and provides practical outcomes for doctors wishing better educational relationships with undergraduate students, registrars, other doctors, and patients. It examines learning theory, provides opportunities for experiential and group learning, and explores the nature of reflective teaching practice.

Areas considered include:

- the process of change
- course design and evaluation
- teaching methods
- the assessment of learning.

The learning contexts include medical education, medical practice and continuing professional development. A balance is provided between core material and the opportunity to develop individual areas of interest and application. There are three residential workshops. Taught from Dunedin.

GENA 824 Ethics in General Practice
15 points (not offered 2015, expected to be offered 2016)

Code of practice, medico-legal obligations and practical ethical conundrums in general practice. Two residential workshops allow in-depth immersion in the subject matter and the formation of an invaluable collegial study environment. Taught from Dunedin.

GENA 825 Culture, Health and Society
15 points (second semester)

This paper develops an understanding of the cultural and societal contexts within which medicine is practised. It is specifically designed to be useful for health professionals working in clinical settings – providing a general introduction to the discipline of medical anthropology, theorising around concepts and experiences of culture, embodiment, health, and illness. Medicine and other healing modalities are explored, with attention to their cultural contexts and the meanings that illness experiences have for those within these cultural contexts. There are two residential workshops. Taught from Dunedin.

Further information

Wellington papers
 Postgraduate Co-ordinator
 Department of Primary Health Care and General Practice
 University of Otago, Wellington
 PO Box 7343, Wellington 6242
 Tel 04 385 5995
 Email primarycare.distance@otago.ac.nz
 Web otago.ac.nz/studyprimaryhealthcare

Dunedin papers
 Postgraduate Administrator
 Department of General Practice and Rural Health
 Dunedin School of Medicine
 University of Otago
 PO Box 913, Dunedin 9054
 Tel 03 479 7424
 Cell 021 2797 424
 Email gp.postgrad@otago.ac.nz

Gerontology

QUALIFICATIONS

Master of Health Sciences (MHealSc) endorsed in Gerontology

Postgraduate Diploma in Health Sciences (PGDipHealSc) endorsed in Gerontology

Postgraduate Certificate in Health Sciences (PGCertHealSc) endorsed in Gerontology

With an ageing population, this is an area of increasing need. The University of Otago, Christchurch, offers two papers designed for health professionals and others to enhance gerontological knowledge and skills. The two papers may be taken singly or as a pair for the Postgraduate Certificate in Health Sciences (PGCertHealSc), or for the Postgraduate Diploma in Health Sciences (PGDipHealSc) or the Master of Health Sciences (MHealSc) degree.

The following papers are offered:

HASC 404 Health Care of the Elderly
30 points (not offered in 2015)

Introduces the study of ageing through demography and epidemiology, with special attention to service delivery and multidisciplinary care. Covers medical aspects of illness in the elderly including dementia, osteoporosis, falls, Parkinson's disease, continence, stroke, depression, altered presentation and pharmacology, and terminal care. Taught via two four-day study blocks in Christchurch

HASC 409 Social Care of the Elderly
30 points (not offered in 2015)

Explores social, cultural, economic and policy contexts of ageing. Sections cover social theories of ageing, social support, normal ageing, services in community and residential settings, and resources for independence. Taught via two four-day study blocks in Christchurch.

Further information

Dr Sally Keeling
 Health Care of the Elderly
 Department of Medicine
 The Princess Margaret Hospital
 PO Box 800, Christchurch 8140
 Tel 03 337 7932
 Email sally.keeling@otago.ac.nz

For further information on admission and academic eligibility:

Ruth Helms
 Manager
 Academic Programmes
 University of Otago Christchurch
 PO Box 4345, Christchurch 8140
 Tel 03 364 0527
 Email ruth.helms@otago.ac.nz

Hazard Assessment and Management

With more legislation and stricter standards in New Zealand, there is a growing demand for people qualified to respond to society's increasing focus on hazard assessment and management. Legislation such as the Hazardous Substances and New Organisms Act 1996 means there is a demand for personnel who are not only 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 & Management

Postgraduate Certificate in Health Sciences (PGCertHealSc) endorsed in Hazard Assessment & Management

PROGRAMMES OF STUDY

The postgraduate diploma and certificate programmes in Health Sciences (PGDipHealSc, PGCertHealSc) 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 & Management**

The diploma requires papers to the value of 120 points from the papers listed below.

**Postgraduate Certificate in Health Sciences (PGCertHealSc)
endorsed in Hazard Assessment & Management**

The certificate requires papers to the value of 60 from the papers listed below.

Note: The HAZA papers are web-based and use the University's distance teaching medium, Blackboard, requiring students to have internet access. Some papers have workshop components requiring students to come to Dunedin.

*Papers marked with an asterisk are available throughout the year and start and end dates vary. Contact the Department of Microbiology and Immunology for details.

The following papers are offered:

⊕ **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 477

**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 mainly related to the use of chemicals in today's society. Students will be required to attend a full-day field workshop in Dunedin for lectures and a field trip related to some of the written course assessments.

Restrictions: CHEX 466, CHEM 466

⊕ **HAZA 405 Basic Toxicology
20 points (*)**

Principles underlying identification, assessment, prevention, remediation and compliance associated with toxicological hazards in today's society.

**HAZA 406 Risk Management Law 1
20 points (first semester)**

An introduction to legal processes and interpretation, the Resource Management Act 1991, and the Hazardous Substances and New Organisms Act 1996. There is a one-day workshop attending a court hearing.

**HAZA 408 Radiation Hazards
20 points (second semester)**

An introduction to the nature and uses of radiation in New Zealand, and the legislation and regulations associated with radiation use in New Zealand. There is a one-day workshop on campus.

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

New organisms in 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. There is a one-day workshop on campus.

Restrictions: MICR/X 466, MICR/X 467, HAZA/X 402, HAZA/X 403

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

Introduction to occupational health, risk assessment, diseases caused by workplace hazards, ergonomics and rehabilitation. On-site workshop.

**OCCH 402 Occupational Safety
30 points (second semester)**

Legislation and the workplace; occupational hygiene and toxicology; safety resources; principles of safety management; accident theory and prevention; occupational health and safety training methods. On-site workshop.

Further information

HAZA papers:

Dr Michelle McConnell
Department of Microbiology and Immunology
University of Otago
PO Box 56, Dunedin 9054
Tel 03 479 5729
Cell 021 279 6539
Email michelle.mcconnell@otago.ac.nz

OCCH papers:

Occupational Health Secretary
Department of Preventive and Social Medicine
Dunedin School of Medicine
University of Otago
PO Box 913, Dunedin 9054
Tel 03 479 7202
Email occupational.health@otago.ac.nz
Web osms.otago.ac.nz/hazards

Health Informatics

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 AND 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. Admission may be possible for those without an undergraduate qualification, but with significant health-care work experience. The programme consists of two core papers (HEIN 701/HEINX 701 and HEIN 702/HEINX 702) and any 2 of five other papers. The availability of each paper is subject to there being a sufficient number of registrations.

The following papers are offered:

- ⊕ ***HEIN 701 Essential Information Management Skills***
30 points (first semester)
 Introduces computing and information systems concepts. Develops skills with applications such as web design, spreadsheet, and database software. Emphasises searching and evaluating online information resources including MedLine and the internet. This paper may also be taken for other programmes or as a stand-alone paper.
- ⊕ ***HEIN 702 Principles of Health Informatics***
30 points (first semester)
 Surveys health information systems, electronic medical records, telemedicine, computer-assisted learning, artificial intelligence, geographic information systems, decision making, and social and ethical issues. Focuses on applying information and telecommunication technology to health care.
- ⊕ ***HEIN 703 Health Information Systems***
30 points (not offered 2015)
 Concepts and skills to understand, evaluate, select, implement or design a health information system. Includes problem definition, user acceptability issues, data modelling, database management systems, systems analysis, physical database design, health information transfer standards, and future trends in health information systems. This paper is not designed to be available on its own or for credit to other programmes.
- ⊕ ***HEIN 705 Computer-aided Learning in Health Care***
30 points (second semester)
 Information technology and educational issues in designing online learning materials for professional and general audiences. Includes health assessment, the history of computer-aided learning in health care, tools for package development, copyright law, delivery and distribution methods, human factors, usability analysis, and package assessment. This paper is not designed to be available on its own for credit to other programmes.
- ⊕ ***HEIN 706 Research Methods for Health Informatics***
30 points (second semester)
 An introduction to all aspects of the process of research, with a special emphasis on study designs common in health informatics and biomedical research. Students work through the process of research from developing a hypothesis, literature search, resolving ethical and cultural issues, refining a research question, designing a suitable study, measurement issues and database design, while simultaneously receiving an introduction to statistical analysis.
- ⊕ ***HEIN 707 Health Ethics and the Internet***
30 points (each semester)
 A study of ethical issues as they apply to information on the internet. General ethical principles will be introduced and applied to e-health, including patient information, internet research, intellectual property, pirating, and plagiarism on the internet.
- ⊕ ***HEIN 708 Health Data Management***
15 points (second semester)
 Understanding data collection management and information processing principles for clinical research purposes. Issues associated with data capture, external data imports, database design, metadata, data quality, and integrity.

Papers are delivered over the internet with weekly direct online contact with a tutor.

Further information

Alec Holt
 Director of Health Informatics
 Department of Information Science
 University of Otago
 PO Box 56, Dunedin 9054
 Tel 03 479 5032
 Email alec.holt@otago.ac.nz
 Web hein.otago.ac.nz

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 (PGCertHealSc)
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 practise as dietitians.

PROGRAMMES OF STUDY

Postgraduate Certificate in Health Sciences (PGCertHealSc)
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 or continue tertiary studies and gain a postgraduate qualification.

The certificate programme consists of two 30-point distance-taught papers: NUTN 401 Principles of Human Nutrition (compulsory) and one of NUTN 402 Nutrition and Health Promotion, NUTN 404 Nutrition and Chronic Disease, or NUTN 407 Advanced Sports Nutrition. The PGCertHealSc 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 Sciences degree, or an acceptable tertiary-level qualification (e.g., nursing, pharmacy, or physiotherapy). A background in nutrition is not required.

The PGCertHealSc (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 certificate within one year (full-time candidates) or two years (part-time candidates) of admission to the programme.

Students successfully completing the PGCertHealSc 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 qualification. Students who complete the diploma programme and who meet the criteria may gain entry to a distance-taught master's programme.

The diploma programme consists of four 30-point papers: NUTN 401 Principles of Human Nutrition and at least two of NUTN 402 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, PSME 430 Motivating Behaviour Change 1, GENA 704 Tūhauora 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; 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 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; approved research methods paper to the value of 30 points, further approved papers (see above; may include the remaining NUTN paper) to the value of 60 points; and a 60-point research dissertation.

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

The following papers are offered (subject to sufficient enrolments):

***NUTN 401 Principles of Human Nutrition
30 points (first semester)***

An overview of macronutrients and micronutrients, including analysis of topical research specific to each nutrient. Assessment of nutritional status, with particular emphasis on dietary assessment and interpretation.

***NUTN 402 Nutrition and Health Promotion
30 points (not offered 2015, expected to be offered first semester 2016)***

Current evidence-informed approaches to nutrition, education, promotion, and communication.

***NUTN 404 Nutrition and Chronic Disease
30 points (second semester)***

A critical and in-depth analysis of current and topical issues in the role of nutrition in chronic disease, specifically heart disease, diabetes, obesity and cancer.

***NUTN 407 Advanced Sports Nutrition
30 points (second semester)***

A critical and in-depth analysis of current and topical issues in the nutritional aspects of exercise, performance, and sport.

Further information

Department of Human Nutrition
University of Otago
PO Box 56, Dunedin 9054
Tel 03 479 7959
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 AND PROGRAMME OF STUDY

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

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

The following papers are offered:

***PSME 425 Introduction to Interpersonal Psychotherapy
30 points (not offered 2015)***

A basic understanding of interpersonal psychotherapy for depression. Taught via four 2-day block courses in Christchurch.

***PSME 426 Advanced Applications of Interpersonal Psychotherapy
30 points (not offered 2015)***

A deeper understanding of interpersonal psychotherapy for depression and its application to other disorders. Taught via four 2-day block courses in Christchurch.

PSME 427 Interpersonal Psychotherapy
60 points (not offered 2015)

Teaching over the year will consist of four 2-day block courses, group supervision sessions of three hours per month and use of a logbook to document skills in practice.

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

Medical Laboratory Science

The following papers are offered:

MELS 401 Advanced Diagnostic Chemical Pathology
60 points (first and second semesters)

The advanced study of chemical pathology and clinical chemistry.

MELS 402 Clinical Microbiology
60 points (first and second semesters)

A full-time course undertaken in an approved medical microbiology laboratory over a period of one semester.

MELS 403 Clinical Virology
60 points (first and second semesters)

A full-time course undertaken in an approved medical virology laboratory over a period of one semester.

MELS 404 Diagnostic Molecular Pathology
60 points (first and second semesters)

The study of human chromosomes, their abnormalities and relations to diseases, and the pre- and post-natal diagnosis of genetic disorders.

MELS 405 Cytopathology
60 points (first and second semesters)

Includes the theory of cytopathology supported by relevant practical aspects as a comprehensive basis to diagnostic cytopathology. Routine procedures including collection, fixation, processing and staining of cytological specimens.

MELS 406 Haematology
60 points (first and second semesters)

Builds on the basic knowledge acquired in year three. In addition to in-depth study of the cellular components of blood, the haemostatic mechanisms and their associated disease processes, an understanding of genetically determined blood disorders will be acquired.

MELS 407 Histopathology
60 points (first and second semesters)

Provides in-depth coverage of histopathology including the theory and practice of the routine procedures of tissue fixation and processing, microtomy and staining, as well as the more sophisticated techniques of histochemistry and autoradiography.

MELS 408 Transfusion Science
60 points (first and second semesters)

Builds on the basic knowledge acquired in year three. An in-depth study of the blood group serology for the major blood group systems, infectious disease testing, production of blood

components, and quality control. Selected topics in clinical transfusion practice, immunologically-related disorders and tissue typing are included.

MELS 409 Clinical Immunology
60 points (first and second semesters)

A full-time course undertaken in an approved medical immunology laboratory over a period of one semester.

Medical Technology

Medical technology provides training for the individual just starting or wishing to start 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. There is one residential weekend 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. There are two weekend residential periods – one in Wellington and one in Auckland.

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 disordered breathing, and the technology and therapy commonly used in sleep medicine.

The following papers are offered:

MTEC 701 Biomedical Science for Medical Technicians
30 points (full year)

Biomedical sciences including cardiovascular physiology and pathophysiology, respiratory physiology and pathophysiology, the physiology of sleep, and respiratory and cardiovascular pharmacology.

MTEC 702 Physiological Monitoring for Medical Technicians
30 points (full year)

Understanding the principles of physiological monitoring, with an emphasis on cardiovascular, respiratory and neurological signals, imaging and the interpretation of physiological data.

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.

Prerequisite: MTEC 701

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.

Prerequisite: MTEC 702

MTEC 705 Sleep Medicine
30 points (full year)

An understanding of normal sleep and factors that alter sleep and wakefulness, and pathophysiological sleep disorders.

Prerequisite: MTEC 701

MTEC 706 Sleep Technology
30 points (full year)

An understanding of the principles underlying the measurement of sleep and sleep-related disorders, and appropriate therapeutic interventions.

Prerequisite: MTEC 702

Further information

Chloe Wicksteed
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.wicksteed@otago.ac.nz
Web wnmeds.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 (PGCertHealSc)
endorsed in Mental Health

Postgraduate Diploma in Health Sciences (PGDipHealSc)
endorsed in Mental Health

PROGRAMMES OF STUDY

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

The Postgraduate Certificate in Health Sciences (PGCertHealSc) 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 (PGDipHealSc) endorsed in Mental Health.

Postgraduate Diploma in Health Sciences (PGDipHealSc)
endorsed in Mental Health

The Postgraduate Diploma in Health Sciences (PGDipHealSc) endorsed in Mental Health consists of three approved papers from the PSME range, NURS 403, NURS 404 (90 points), and other approved paper/s to the value of 30 points.

The following papers are offered:

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

Examines the key features of psychiatric disorders, their epidemiology, aetiology and an introduction to their treatment. It also provides an understanding of the history of current classification systems used in psychiatric practice. The paper develops an awareness of professional, ethical, cultural, and research frameworks related to psychiatric disorders and an ability to critically evaluate. Taught via four compulsory 2-day study blocks in Christchurch.

PSME 405 Contemporary Approaches to Mental Health Practice
30 points (second semester)

This paper examines the care systems for individuals, families and the community, and will provide students with a comprehensive knowledge of the characteristics of mental disorders such as schizophrenia, affective anxiety, alcohol and drug, and personality disorders and their management; an understanding of living with mental disorders for both the consumer and the family; an understanding of Māori mental health issues, the significance of the Treaty of Waitangi and education in cultural safety in their practice; an understanding of treatments for mental disorder; an ability to undertake risk assessment and manage risk in clinical practice. Taught via four compulsory 2-day study blocks in Christchurch.

PSME 406 Special Topic: Mental Health Research Methods
30 points (second semester)

This paper introduces the principles of research design and methodology with particular reference to research relating to the broad area of mental health. Students will learn to critically evaluate studies so that they can make sound judgments about them, and will learn how to design research studies in order to answer clinical questions, including evaluation and auditing of programmes. Usually taught via four compulsory 2-day study blocks in Christchurch.

PSME 407 Forensic Psychiatry
30 points (first semester)

The principles and practice of forensic psychiatry.

Note: Students will require evidence of suitable clinical experience to be admitted to this paper. Usually taught via four compulsory 2-day study blocks in Christchurch.

PSME 418 Eating Disorders
30 points (first semester)

The assessment, treatment, and management of eating disorders.

PSME 429 Suicidal Behaviours, Research and Prevention
30 points (not offered 2015, expected to be offered 2016)

A paper for clinicians, nurses and allied health professionals which aims to provide an introduction to suicidal behaviours, research and prevention. It provides a critical approach to the complex and often emotive issue of suicide, focusing around three themes: the epidemiology of suicidal behaviour; suicide research and prevention; assessment, treatment and management of suicidal individuals. Taught via four 2-day compulsory study blocks in Christchurch.

PSME 439 Intellectual Disability: Theory into Practice
30 points (second semester)

Explores the application of philosophical frameworks within practice to support individuals to optimise health, behavioural challenges, and service access for people with intellectual disability across the lifespan. This paper can be undertaken online, or via on-campus blocks in Christchurch or a combination of both methods.

Note: Also see information on other PSME papers in this guide – PSME 407 Forensic Mental Health, PSME 432 Perinatal Mental Health, PSME 433 An Introduction to Mental Health, PSME 438 Reproductive Mental Health.

Further information

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

Musculoskeletal Medicine/ Musculoskeletal Management

QUALIFICATIONS

Postgraduate Certificate in Musculoskeletal Medicine (PGCertMSM)

Postgraduate Diploma in Musculoskeletal Medicine (PGDipMSM)

Postgraduate Certificate in Health Sciences (PGCertHealSc) endorsed in Musculoskeletal Management

Postgraduate Diploma in Health Sciences (PGDipHealSc) endorsed in Musculoskeletal Management

Master of Health Sciences (MHealSc) endorsed in Musculoskeletal Management

For Medical Practitioners

Musculoskeletal medicine deals with patients who have acute or chronic musculoskeletal and neural dysfunction. Patients with these problems constitute up to 15% of a general practitioner's caseload. Those with back and neck pain, in particular, impose a heavy economic and social burden on the community. Musculoskeletal medicine is based on biomedical and psychosocial assessment and treatment, using therapeutic skills including manual medicine, needling and acupuncture, injection techniques, pain intervention techniques, applied biomechanics, pharmacotherapy, psychosocial management, and appropriate referral. Some of the papers offered are of significant benefit to those involved in other allied health professional areas such as physiotherapy, occupational therapy, psychology, osteopathy, and chiropractic.

Other Health Professionals

Health professionals such as nurses, physiotherapists, podiatrists, occupational therapists, psychologists, osteopaths, and chiropractors may be interested in enrolling in the distance-taught papers of the course. They contribute towards the Postgraduate Certificate and Diploma in Health Sciences (PGCertHealSc and PGDipHealSc) endorsed in Musculoskeletal Management, or the Master of Health Sciences (MHealSc) degree endorsed in Musculoskeletal Management.

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, MSME 704 and MSME 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 two-to four-year part-time course of six compulsory (MSME 701, MSME 702, MSME 703, MSME 704, MSME 708 and MSME 709) and two optional papers taught by a combination of on-campus, distance, and online instruction.

For Other Health Professionals:

Postgraduate Certificate in Health Sciences (PGCertHealSc) endorsed in Musculoskeletal Management

This qualification consists of two compulsory papers (MSME 704 and MSME 708), and two papers from MSME 703, MSME 705, MSME 706, MSME 707, MSME 710 or MSME 711 (a total of 60 points).

Postgraduate Diploma in Health Sciences (PGDipHealSc) endorsed in Musculoskeletal Management

This qualification consists of three compulsory papers (MSME 704, MSME 708, MSME 707) – 45 points, plus further approved papers to the value of 75 points from the following – MSME 702, MSME 703, MSME 705, MSME 706, MSME 710, MSME 711, PAIN 701, PAIN 702, PAIN 703, REHB 701, REHB 702, SPME 706. Students hoping to advance to a Masters programme by thesis are advised to include a 30 point research methods paper in their Diploma programme.

Master of Health Sciences (MHealSc) endorsed in Musculoskeletal Management

This qualification consists of three compulsory papers (MSME 704, MSME 708, MSME 707) – 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 (30 points) – total 240 points.

The following papers are offered:

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 course is taught via one eight-day on-campus workshop in Christchurch.

Restricted to medical graduates, prerequisite for MSME 709.

MSME 702 Musculoskeletal Tissues
15 points (first semester)

An evaluation of the normal and abnormal structure and function of neuromusculoskeletal tissues. Includes the anatomy, histology, physiology and pathology of these tissues. This course is taught on-line with some audioconferences.

MSME 703 Musculoskeletal Disorders
15 points (second semester)

Clinical evaluation, assessment, and management of a wide range of musculoskeletal disorders. The paper focuses on a clinical approach to musculoskeletal problems as they present in primary care. This course is taught online with some audioconferences.

⊕ **MSME 704 Introduction to Pain**
15 points (first semester)

Pain as a multidimensional phenomenon. Concepts and history, neuropathophysiology of peripheral and central pain mechanisms, pain measurement and the psychological, social, and economic aspects of both acute and chronic pain. This course is taught online with some audioconferences.

⊕ **MSME 705 Regional Disorders – Spine**
15 points (not offered 2015, next offered 2016)

Evaluates structure, function, disorders and diseases of the vertebral column and associated tissues. Includes anatomy, biomechanics, pathology, clinical assessment, and treatment options. This course is taught online with some audioconferences.

⊕ **MSME 706 Regional Disorders – Limbs**
15 points (not offered 2015, next offered 2016)

Evaluates structure, function, disorders and diseases of the limbs. Includes anatomy, biomechanics, pathology, clinical assessment and treatment options. This course is taught online with some audioconferences.

⊕ **MSME 707 Musculoskeletal Rehabilitation**
15 points (second semester)

Prevention and rehabilitation. Includes an overview of the principles of epidemiology, critical understanding and analysis of research, clinical decision analysis, and clinical epidemiology. This course is taught online with some audioconferences.

⊕ **MSME 708 Introduction to Pain Management**
15 points (second semester)

Management and treatment of all forms of musculoskeletal pain and dysfunction including modern psychosocial approaches to therapy. This course is taught online with some audioconferences.

MSME 709 Clinical Therapeutics
15 points (first semester)

This paper is a progression from paper MSME 701 – Clinical Diagnosis. 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. This is normally held in Christchurch.

⊕ **MSME 710 Recreational and Sports Injuries**
15 points (not offered 2015, next offered 2016)

Evaluation and management. Includes epidemiology, biomechanics, classification of sports injuries, and the principles of injury assessment, treatment and rehabilitation. An interactive online internet facility (Blackboard) complements teaching and it is highly recommended that all students have internet access. This course is taught online with some audioconferences.

⊕ **MSME 711 Pain Assessment**
15 points (second semester)

This paper ideally complements the two existing pain papers (MSME 704 and MSME 708) and, with them, provides a full and detailed overview of neurobiology, psychology, assessment, and treatment modalities available for pain. This course is taught online with some audioconferences.

Further information

Veronica McGroggan
Departmental/Programmes Manager
Department of Orthopaedic Surgery and Musculoskeletal Medicine
University of Otago, Christchurch
PO Box 4345, Christchurch 8140
Tel 03 364 1086
Email veronica.mcgroggan@otago.ac.nz

Dr Jim Borowczyk
Academic Co-ordinator
Department of Orthopaedic Surgery and Musculoskeletal Medicine
University of Otago, Christchurch
PO Box 4345, Christchurch 8140
Tel 03 364 1086
Email jim.borowczyk@otago.ac.nz
Web uoc.otago.ac.nz/departments/MSM

Nursing

Registered nurses are offered the opportunity to advance their qualifications within their speciality 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 works 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 NURS 416
- Nursing (Gerontology) NURS 405 and NURS 426
- Nursing (Advanced Mental Health) NURS 403 and NURS 404
- Nursing (High Acuity) NURS 405 and NURS 411
- Nursing (Leadership and Management) NURS 423 and NURS 424
- Nursing (Long-term Condition Management) NURS 427 and NURS 428
- Nursing (Primary Health Care) NURS 405 and NURS 413
- Nursing (Specialty Mental Health) NURS 403 and NURS 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, NURS 413, an approved research methods paper usually NURS 415 and one other approved paper worth 30 points.
- Rural Nursing: NURS 405, 416, 431, and an approved research methods paper worth 30 points.

The following papers are offered:

NURS 403 Mental Health Nursing Practice

30 points (first semester)

This paper provides 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. Taught via four two-day block courses in Christchurch.

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. Taught via four two-day block courses in Christchurch.

NURS 405 Health Assessment and Advanced Nursing Practice

30 points (first semester)

A clinical/therapeutic focus is integrated with research-based theory. Students are offered the opportunity to demonstrate advanced nursing competencies in their scope of practice. Usually taught via two three-day block courses in Christchurch and Dunedin.

NURS 409 Mental Health Nursing Practicum

30 points (second semester)

A practicum offering clinical knowledge and skills for mental health care delivery. Critique of practice and application of research and theoretical principles to mental health clinical practice. This paper may be taken only by nurses with no more than six months' clinical experience in a mental health specialty. Taught via four two-day block courses in Christchurch.

NURS 411 High Acuity Nursing

30 points (second semester)

Consisting largely of a practicum, this paper covers professional skills and knowledge related to clinical competence in high dependency nursing. This paper includes both on-campus study blocks in Christchurch and online learning activities.

NURS 413 Nursing – Primary Health Care – Rural/Urban

30 points (second semester)

Consisting largely of a practicum, this paper covers professional skills and knowledge related to clinical competence in primary health care nursing. This paper includes both on-campus study blocks in Christchurch and online learning activities.

NURS 415 Nursing Research Methods

30 points (first semester)

An introduction to a variety of approaches appropriate to addressing nursing research questions. The application of ethics, process and methodology in quantitative and qualitative styles is covered. This paper includes both on-campus study blocks in Christchurch and online learning activities.

NURS 416 Nursing – Applied Pharmacology

30 points (second semester)

This paper will cover physiology, mechanisms of action of pharmacological agents, prescribing frameworks, monitoring and adverse reactions. Regulation of prescribing is reviewed. This paper includes both on-campus study blocks in Christchurch and online learning activities. It also has an on-campus exam.

NURS 418 Nursing Education – Principles and Practice

30 points (second semester)

This paper addresses principles of education theory and practice related to clinical and nursing education settings. Pedagogical approaches are introduced and the socio-political foundations of nursing education are evaluated. This paper includes both on-campus study blocks in Christchurch and online learning activities.

NURS 419 Special Topic: Ageing and Mental Health

30 points (second semester)

Focuses on common psychiatric presentations and the promotion of mental well-being within the context of ageing. This paper includes both on-campus study blocks in Christchurch and online learning activities.

NURS 423 Nursing Leadership and Management 1

30 points (first semester)

The learning aims of this paper are based around key themes involving the management of nursing communities. Themes include facilitating change, human resources, budgeting, team-building and the tasks of nursing management. This paper includes both on-campus study blocks in Christchurch and online learning activities.

NURS 424 Nursing Leadership and Management 2
30 points (second semester)

This paper encourages the application of theoretical knowledge to cases, and emphasises skill development for nurse leaders in analysis, independent critical thinking and innovative problem-solving. This paper includes both on-campus study blocks in Christchurch and online learning activities.

NURS 426 Nursing – Gerontology
30 points (second semester)

Consisting largely of an applied practicum in the core knowledge of gerontology nursing allied with a specialty practice focus in hospital, community and/or home nursing facilitating advanced nursing practice. This paper includes both on-campus study blocks in Christchurch and online learning activities.

NURS 427 Long-Term Condition Management
30 points (first semester)

Principles of effective long-term condition management, including best practice clinical guidelines, practice-based resources, cultural competence, patient self-management, early detection, impact of chronic conditions and end-of-life care. This paper includes both on-campus study blocks in Christchurch and online learning activities.

NURS 428 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 includes both on-campus study blocks in Christchurch and online learning activities.

NURS 431 Rural Nursing
30 points (second semester)

Explores the concept of rural nursing and advances theoretical knowledge and practical skills to facilitate practice in rural hospital and community settings. This paper includes both on-campus and study blocks in Christchurch online learning activities.

NURS 433 Intellectual Disability: Theory into Practice
30 points (second semester)

Explores the application of philosophical frameworks within practice to support individuals to optimise health, behavioural challenges and service access for people with intellectual disability across the lifespan. This paper includes both on-campus study blocks in Christchurch and online learning activities.

Further information

Amanda Clifford
 Postgraduate Administrator
 Centre for Postgraduate Nursing Studies
 University of Otago, Christchurch
 PO Box 4345, Christchurch 8140
 Tel 03 364 3852
 Email nursingstudies.uoc@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 staff and students at regular audioconferences. 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)

PROGRAMMES 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 (OBYG 718 or OBYG 719). The four distance-taught papers are OBYG 712, OBYG 713, OBYG 715, OBYG 716 (18 points each). Each of these papers consists of six two-hour evening audioconferences conducted fortnightly and takes 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 sat at your local centre. The topics covered are listed below.

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, OBYG 717. This examination can be taken after a minimum clinical experience of six months following satisfactory completion of a logbook. This is usually in June or December and takes place in either Auckland or Wellington.

The following papers are offered:

OBYG 712 Pre and Early Pregnancy Care
18 points (each semester – starting January and June)

Covering the care of women planning for a pregnancy or who wish to avoid pregnancy. It also deals with first trimester pregnancy care and common complications, including miscarriage, and diagnoses of lower abdominal pain in early pregnancy.

OBYG 713 Pregnancy Care in the Community
18 points (each semester – starting April and September)

Content and rationale of antenatal and postnatal visits, birthing, and relevant anatomy and physiology of pregnancy and labour. Medical disorders in pregnancy, malrepresentations, haemorrhage, important obstetric emergencies and conditions, breast feeding and puerperium, well-baby check, common neonatal disorders to include jaundice, respiratory distress, seizures, infections, intracranial bleeding and hypothermia.

OBYG 715 Medical Gynaecology I
18 points (each semester – starting January and June)

Giving a grounding beyond undergraduate training in women's health reproductive issues. Covers adolescent health, screening for sexually transmitted infections, common presentations such as menstrual disorders, vulval disorders and menopausal issues.

OBGY 716 Medical Gynaecology II**18 points (each semester – starting April and September)**

Giving a foundation on topics such as adolescent gynaecology, termination of pregnancy, continence, fertility, gynaecology, oncology, and violence and abuse issues.

OBGY 717 Obstetrics and Gynaecology Clinical Training**36 points (full year and each semester)**

This is a clinical assessment paper and is offered to PGDipOMG candidates only. It requires the completion of a logbook confirming a range of clinical experience. Examination is by a clinical examination which may take the form of an OSCE. This cannot be completed in less than six months.

Residential papers:

OBGY 718 and OBGY 719 are three-day residential papers held in Christchurch.

OBGY 718 Obstetrics and Gynaecology Residential Course 1**6 points (each semester)**

Introductory course suitable for those with little/no clinical experience. The course includes practical assessments, practicalities of contraception and management of STIs. There is a short written practical assessment.

OBGY 719 Obstetrics and Gynaecology Residential Course 2**6 points (each semester)**

Designed for students with some clinical experience and includes revision of topics such as menopause, gynaecology and mood disorders in pregnancy. There is a short written practical assessment.

Further information

Amanda Phillips
Distance Learning Co-ordinator
Dunedin School of Medicine
PO Box 913, Dunedin 9054
Tel 03 474 7825
Email wch.distancelearning@otago.ac.nz

Occupational and Aviation Medicine*(See Aviation Medicine)***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 OCCH 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:

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

Introduction to occupational health with an emphasis on the prevention of diseases caused by workplace hazards. This paper has a compulsory study weekend in Dunedin, focusing on practical skills such as workplace assessments and site visits.

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 a compulsory study weekend in Dunedin, focusing on practical skills such as workplace assessments and site visits.

Further information

Tanya Lyders
Secretary
Department of Preventive and Social Medicine
Dunedin School of Medicine
University of Otago
PO Box 56, Dunedin 9054
Tel 03 479 7202
Email tanya.lyders@otago.ac.nz

Occupational Medicine*(See also: Occupational and 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 papers are offered:

INDH 701 Introduction to Occupational Medicine***30 points (not offered 2015, expected to be offered 2016)***

The specialist role of the occupational physician, clinical skills, introduction to the workplace. The managerial role, legislation, medico-legal issues, and workplace assessment.

INDH 702 Clinical Occupational Medicine***30 points (not offered 2015, expected to be offered 2016)***

Basic and specialist clinical skills to diagnose assess and advise on disease and injury in relation to work.

INDH 703 Assessment and Control of Occupational Hazards
30 points (first semester)

Concepts of toxicology and occupational hygiene. Workplace identification, measurement, assessment, and control of occupational hazards.

INDH 704 Research Methods in Occupational Health
30 points (second semester)

Informatics, epidemiology and biostatistics to prepare for a research project and to interpret and evaluate research affecting occupational medicine.

INDH 701, INDH 702, INDH 703 and INDH 704 each require a study weekend in Dunedin focusing on practical and clinical skills.

Further information

Associate Professor David McBride
Senior Lecturer in Occupational Health
Department of Preventive and Social Medicine
Dunedin School of Medicine
University of Otago
PO Box 913, Dunedin 9054
Tel 03 479 7208
Email david.mcbride@otago.ac.nz

Kirstin Champion
Administrative Secretary
Department of Preventive and Social Medicine
Dunedin School of Medicine
University of Otago
PO Box 913, Dunedin 9054
Tel 03 479 7201
Email kirstin.champion@otago.ac.nz

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
(PGDipOphthBS)

PROGRAMME OF STUDY

Postgraduate Diploma in Ophthalmic Basic Sciences
(PGDipOphthBS)

The Postgraduate Diploma in Ophthalmic Basic Sciences (PGDipOphthBS) consists of four 30-point papers. Part-time students have up to five years to complete the diploma.

The following papers are offered:

🌐 **OPHT 801 Ophthalmic Anatomy**
30 points (each semester)

Deals with anatomical knowledge for a practising ophthalmologist and includes ocular, orbital, relevant head and neck anatomy, and neuroanatomy.

🌐 **OPHT 802 Ophthalmic Physiology**
30 points (each semester)

Covers physiological aspects of ophthalmology including psychophysical testing, patient examination techniques, the physiological basis of visual processing, ocular biochemistry, and eye movements.

🌐 **OPHT 803 Ophthalmic Optics**
30 points (each semester)

Deals with aspects of optics relevant to a practising ophthalmologist. It includes physical and geometrical optics, physiological optics, instruments, ophthalmic examination techniques, and optical disorders of the eye.

OPHT 804 Practical Ophthalmic Basic Sciences
30 points (3 weeks in June – July)

Covers the practical application of ophthalmic physiology, ophthalmic anatomy and ophthalmic optics. Students practise clinical skills with relevant equipment, increase their knowledge and understanding of surgical and gross anatomy, and develop expertise in psychophysical testing. Taught at a three-week course in Dunedin.

🌐 **OPHT 805 Ocular Genetics**
30 points (each semester)

This paper deals with the mechanisms of genetics and their significance to ophthalmic practice. It covers the basic principles of, and recent developments in, ocular genetics and gene therapy.

OPHT 801, 802, 803 and 805 require internet access as they use web-based teaching with weekly "lectures" on Oceanbrowser. Teaching is based on the Royal Australian and New Zealand College of Ophthalmologists' curriculum which has been extended to include clinical correlations where appropriate. OPHT 804 is run in three consecutive one-week blocks in Dunedin.

Further information

Associate Professor Gordon Sanderson
Ophthalmology Section
Medical and Surgical Sciences
Dunedin School of Medicine
University of Otago
PO Box 913, Dunedin 9054
Tel 03 474 7970
Email gordon.sanderson@otago.ac.nz

Application inquiries to:

Jan Brosnahan
Course Administrator
Department of Medicine
Dunedin School of Medicine
University of Otago
PO Box 913, Dunedin 9054
Tel 03 474 0999 extension 8510
Email jan.brosnahan@otago.ac.nz

Pain and Pain Management

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

Pain and Pain Management is a discipline that has encouraged an enormous amount of research, knowledge, and specialisation in the last 10 or more years. We now have 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) endorsed in Pain and Pain Management

Postgraduate Diploma in Health Sciences (PGDipHealSc) endorsed in Pain and Pain Management

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

PROGRAMMES OF STUDY

Postgraduate Certificate in Health Sciences (PGCertHealSc) endorsed in Pain and Pain Management

The Postgraduate Certificate in Health Sciences endorsed in Pain and Pain Management comprises four compulsory papers to the value of 60 points. It may be completed in one to two years.

Postgraduate Diploma in Health Sciences (PGDipHealSc) endorsed in Pain and Pain Management

The PGDipHealSc endorsed in Pain and Pain Management is for registered medical practitioners and allied health professionals who wish to undertake the study of pain and its management to diploma level. It is a two- to four-year programme, containing a suite of distance-taught papers to the value of 120 points.

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

The MHealSc endorsed in Pain and Pain Management is for registered medical practitioners and allied health professionals who wish to study pain and its management to master's level. It is approximately a four-year programme, depending on available study time. It contains a suite of distance-taught papers to the value of 240 points, and includes a compulsory research methods paper and a supervised research project.

The following papers are offered:

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. This course is taught online using Otago Connect.

MSME 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. This course is taught online using Otago Connect.

MSME 711 Pain Assessment 15 points (not offered 2015, next offered 2016)

This paper complements the two pain papers, MSME 704 and MSME 708. It provides an overview of clinical pain assessment in the context of New Zealand society; principles, procedures, and physical resources. It includes the economic and health effects of pain on the New Zealand workforce. This course is taught online using Otago Connect.

PAIN 701 Neurobiology of Pain 15 points (first semester)

The current understanding of the various biomedical modalities used to treat all types of pain states, including acute and chronic pain, regional pain states, neuropathic pain and its subtypes, and central pain syndromes. This course is taught online using Otago Connect.

Prerequisite: MSME 704

PAIN 702 Biomedical Pain Management 15 points (first semester)

The current understanding of the various biomedical modalities used to treat all types of pain states, including acute and chronic pain, regional pain states, neuropathic pain and its subtypes, and central pain syndromes. This course is taught online using Otago Connect.

Prerequisite: MSME 708

PAIN 703 Psychosocial and Cultural Aspects of Pain 15 points (not offered 2015, next offered 2016)

The influence of psychosocial factors on both acute and chronic pain including developmental factors, gender, cultural aspects, as well as cognitive, affective and motivational aspects. This course is taught online using Otago Connect.

Other papers may be introduced in due course.

Further information

Veronica McGroggan
Departmental/Programmes Manager
Department of Orthopaedic Surgery and Musculoskeletal Medicine
University of Otago, Christchurch
PO Box 4345, Christchurch 8140
Tel 03 364 1086
Email veronica.mcgroggan@otago.ac.nz
Web uoc.otago.ac.nz/departments/MSM

Dr Jim Borowczyk Academic Co-ordinator
Department of Orthopaedic Surgery and Musculoskeletal Medicine
University of Otago, Christchurch
PO Box 4345, Christchurch 8140
Tel 03 364 1086
Email jim.borowczyk@otago.ac.nz
Web uoc.otago.ac.nz/departments/MSM

Perinatal Mental Health

An introduction to perinatal psychiatry and infant mental health for mental health professionals who wish to develop their theoretical and applied knowledge of the area.

QUALIFICATION AND PROGRAMME OF STUDY

Postgraduate Certificate in Health Sciences (PGCertHealSc) endorsed in Perinatal Mental Health

Two papers are required: PSME 432 and PSME 433.

*PSME 432 Introduction to Perinatal Psychiatry
30 points (not offered 2015, expected to be offered 2016)*

This paper covers an outline of the full range of psychiatric disorders as they present during pregnancy and the first postnatal year. It includes the adaptive demands on the mother and family during the perinatal period. Applicants are expected to have had two years' postgraduate clinical experience. The paper is taught via four 2-day block courses in Christchurch.

*PSME 433 Introduction to Infant Mental Health
30 points (first semester)*

This paper provides an understanding of normal and abnormal human brain development in utero and up to three years, and how this relates to attachment and maternal mental health. Applicants are expected to have had two years' postgraduate clinical experience. The paper is taught via four 2-day block courses in Christchurch.

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

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 society, and enable health professionals to provide quality care and have input into pharmaceutical and health sector policy.

Most of the papers require attendance at weekend workshops. There are either one or two workshops per paper, to be held at one of the following venues: Auckland or Dunedin. Workshop dates and venues are published on the School of Pharmacy web page: otago.ac.nz/pharmacy/ppp

QUALIFICATIONS

Postgraduate Certificate in Pharmacy (PGCertPharm) endorsed in Medicines Management

Postgraduate Certificate in Pharmacy (PGCertPharm) endorsed in Social Pharmacy

Postgraduate Diploma in Clinical Pharmacy (PGDipClinPharm)

Master of Clinical Pharmacy (MClinPharm)

Postgraduate Certificate in Pharmacist Prescribing (PGCertPharm Presc)

PROGRAMMES OF STUDY

Postgraduate Certificate in Pharmacy (PGCertPharm) endorsed in Medicines Management

Providing medicines information involves retrieving, integrating and evaluating information from a variety of sources and applying this to benefit patient outcomes. The certificate gives pharmacists skills to retrieve and analyse medicines information efficiently and accurately, and apply this in practice. The required papers for the PGCertPharm are PHCY 541 and PHCY 542 and can also count towards the PGDipClinPharm.

Postgraduate Certificate in Pharmacy (PGCertPharm) endorsed in Social Pharmacy

This provides a postgraduate qualification for students who wish to specialise in social pharmacy. The required papers for the PGCertPharm endorsed in Social Pharmacy are any two from PHCY 547, PHCY 548, PHCY 541, or an alternative approved paper to the value of 30 points.

Postgraduate 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 consists of four of the following papers: PHCY 522, PHCY 523, PHCY 541, PHCY 542, PHCY 548, or PHCY 512, PHCY 525, PHCY 541 and PHCY 542.

Master of Clinical Pharmacy (MClinPharm)

The Master of Clinical Pharmacy programme may be taken by students who have completed the Postgraduate Diploma in Clinical Pharmacy at an appropriate level. The master's programme consists of either two papers and a research dissertation, or the Research Methods paper plus a thesis (in this latter setting, students must have previously passed the Advanced Clinical Pharmacy as part of the postgraduate diploma). The degree consists of the following: PHCY 506 and PHCY 512, and submitting a research dissertation (PHCY590); or PHCY 506 and submitting a thesis (PHCY 5A) having previously passed PHCY 512.

Postgraduate Certificate in Pharmacist Prescribing (PGCertPharm Presc)

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 PHCY 602.

The following papers are offered:

PHCY 541 Medicines Information
30 points (first semester)

Drug information resources, information technology, literature searching and critical appraisal, practical applications.

PHCY 542 Medicines Management
30 points (second semester)

Clinical application of medicines information to benefit patients.

Corequisite/prerequisite: PHCY 541

Restricted to: PGCertPharm, MPharm, PGDipClinPharm.

Candidates must possess an appropriate health professional qualification or background acceptable to the School of Pharmacy.

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.

Restricted to: PGCertPharm (Social Pharmacy), MPharm, PGDipClinPharm.

Available to health professionals.

This paper may not be offered if fewer than five students enrol.

PHCY 548 Pharmaceutical Policy
30 points (first semester)

Analysing and discussing policy issues relating to pharmacy and medicines to enable participation in policy decisions which affect patients and pharmacists.

Restricted to: PGCertPharm (Social Pharmacy), PGDipClinPharm.

Available to health professionals.

This paper may not be offered if fewer than five students enrol.

PHCY 512 Advanced Clinical Pharmacy
30 points (first semester)

This advanced paper considers problem-solving, decision-making, an in-depth knowledge of therapeutics, and an ability to integrate information in the context of patient care in clinical pharmacy.

Corequisites/prerequisites: PHCY 522, PHCY 523, and PHCY 525

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.

Corequisites/prerequisites: PHCY 541 and PHCY 542

PHCY 523 Applied Clinical Pharmacy 2
30 points (second semester)

Medication in the treatment of diseases including mental health, neurological, women's health, and dermatological disorders, infection, therapeutic drug monitoring, and pharmacokinetics.

Corequisites/prerequisites: PHCY 541 and PHCY 542

PHCY 524 Pharmacoeconomics and Drug Evaluation
30 points (first semester)

Design and interpretation of clinical trials, techniques for drug use and evaluation/review, economic considerations in the use of medicines.

This paper may not be offered if fewer than 10 students enrol.

PHCY 525 Core Clinical Pharmacy
30 points (full year)

Medication in the treatment of diseases including cardiovascular, endocrine, mental health, infectious, and respiratory.

Corequisites/prerequisites: PHCY 541 and PHCY 542

Restriction: PHCY 522, 523

This paper may not be offered if fewer than five students enrol.

PHCY 506 Research Methods
30 points (second semester)

Critical evaluation and practical applications of quantitative and qualitative methods used in health science research.

PHCY 512 Advanced Clinical Pharmacy
30 points (first semester)

This advanced paper considers problem-solving, decision-making, an in-depth knowledge of therapeutics, and an ability to integrate information in the context of patient care in clinical pharmacy.

Corequisite/prerequisite: PHCY 522, PHCY 523 and PHCY 525

PHCY 590 Dissertation
60 points (full year and each semester)

The development, implementation and reporting of an original individual research project in the student's area of professional expertise or interest.

PHCY 5A Thesis
90 points (three semesters)

The development, implementation and reporting of an original individual research project in the student's area of professional expertise or interest. The thesis corresponds to approximately nine months of full-time research.

PHCY 601 Principles of Prescribing
30 points (first semester)

This paper provides the theoretical underpinnings for pharmacists who wish to prescribe.

PHCY 602 Prescribing Practicum
30 points (second semester)

This paper provides the practical application of prescribing in an experiential environment.

Further information

Postgraduate Administrator

School of Pharmacy

University of Otago

PO Box 56, Dunedin 9054

Tel 03 479 7271

Email pharmacy.postgrad@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.

“I’d 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.

“I’d 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 when we have discussions online.”

Her fellow students come from all over the world and contribute different cultures and different ideas, she says.

“The learning has been invaluable,” she says.

And because it’s by distance: “You learn something and the next day you’re using it.”

Physiotherapy

The School of Physiotherapy offers distance learning papers towards the Postgraduate Certificate in Physiotherapy (PGCertPhty), the Postgraduate Diploma in Physiotherapy (PGDipPhty), and the Master of Physiotherapy (MPhty) degree, endorsed in Acupuncture, Musculoskeletal Physiotherapy (PGCertPhty only), Neurorehabilitation, Occupational Health Physiotherapy, Orthopaedic Manipulative Therapy (not for PGCertPhty), and Sports Physiotherapy.

The following papers are offered:

PHTY 501 Biomedical Science in Physiotherapy 30 points (first semester)

Integration of the applied, medical, and clinical sciences that underpin the philosophy, examination, and management practices in physiotherapy. Students will study topics appropriate to their clinical specialisation. There are three 3-day residential blocks held in Dunedin.

⊕ **PHTY 530 Theoretical Constructs in Clinical Practice** 30 points (second semester)

Clinical practice structured to extend the physiotherapist's theoretical knowledge and reasoning skills and to develop an advanced level of competence and critical evaluation in their specialised fields of practice.

PHTY 535 Neurorehabilitation 30 points (next available second semester 2016)

Advanced level of knowledge, competence and skill in neurorehabilitation for practising physiotherapists. There is one residential block held in Dunedin.

⊕ **PHTY 539 Occupational Health Physiotherapy** 30 points (second semester)

Provides practising physiotherapists with specific knowledge and skills to apply in occupational health practice including assessment, management, prevention and treatment of work-related musculoskeletal disorders, and the role of government regulatory bodies and statutory authorities in occupational health practice.

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. There is one four-day residential block held in Dunedin.

PHTY 543 Orthopaedic Manipulative Therapy 30 points (first semester)

Advanced study of clinical theory and practice in all elements of orthopaedic manipulative therapy. There are three 3-day residential blocks held in Dunedin.

⊕ **PHTY 545 Special Topic** 30 points (each semester)

Study of clinical theory and practice in a specific area of physiotherapy.

PHTY 548 Introduction to Musculoskeletal Acupuncture 30 points (second semester)

The theoretical basis of acupuncture predominantly from a Western/scientific paradigm: critical review and evaluation of acupuncture theory and practice in the management of musculoskeletal conditions. There are three 3-day residential blocks held in Dunedin.

PHTY 561 Clinical Practice 30 points (second semester)

Supervised clinical practice in an appropriate clinical setting structured to extend the knowledge of specific physiotherapy theory and to further develop a high level of practical expertise in the examination and management of patients. There are two 2-week residential blocks held in Dunedin.

⊕ **PHTY 590 Dissertation** 60 points (each semester, full year)

The dissertation may comprise the design and implementation of a small research project, a case/case series, or a data-based clinical review under the supervision of a member of staff. A substantive report to an approved format will be the output from this paper.

⊕ **PHTY 610 Research Methods** 30 points (first semester)

Research design, evaluation, survey and qualitative methods.

⊕ **PHTY 650 Research Project** 30 points (each semester)

A supervised, original research project of up to 10,000 words in a field of Physiotherapy usually applied to the student's area of practice (e.g., a systematic review, pilot study, audit, or case series).

Further information

School of Physiotherapy University of Otago
PO Box 56, Dunedin 9054
Tel 03 479 6821
Email physio.academic@otago.ac.nz
Web otago.ac.nz/physio

Primary Health Care

Primary health care is concerned not only with primary presentation of symptoms and signs of possible ill health, but also with restoring, maintaining, and improving the health of individuals and communities. The programmes offer primary health-care workers a deeper understanding of the structure, process, and context of primary health care in New Zealand. Programmes provide formal nationally recognised qualifications for primary and integrated health care workers and are open to students from a range of disciplines and qualifications. Prospective students should seek early advice on course structure.

All Primary Health Care papers include either one or two residenceals to which attendance is compulsory. Dates for the residenceals held in 2015 will be available online by September 2014.

QUALIFICATIONS

Postgraduate Certificate in Primary Health Care (PGCertPHC)

Postgraduate Diploma in Primary Health Care (PGDipPHC)

Postgraduate Certificate in Primary Health Care (PGCertPHC) endorsed in Long-term Condition Management

Postgraduate Diploma in Primary Health Care (PGDipPHC) endorsed in Long-term Condition Management

Master of Primary Health Care (MPHC)

PROGRAMMES OF STUDY

Postgraduate Certificate in Primary Health Care (PGCertPHC)

Postgraduate Diploma in Primary Health Care (PGDipPHC)

The Postgraduate Certificate and Diploma in Primary Health Care (PGCertPHC and PGDipPHC) includes the core paper, PRHC 701 First and Foremost – Primary Health Care and a selection of interprofessional papers.

The certificate requires 60 points, PRHC 701 and other approved papers worth at least 30 points.

The diploma requires 120 points, PRHC 701 and other approved papers worth at least 90 points.

Postgraduate Certificate in Primary Health Care (PGCertPHC) endorsed in Long-term Condition Management

Postgraduate Diploma in Primary Health Care (PGDipPHC) endorsed in Long-term Condition Management

These qualifications offer primary care professionals and those working in integrated roles in the secondary and non-governmental organisations an opportunity to explore how health, social, and community services can be better configured to meet the needs of people with long-term conditions.

The certificate requires 60 points, GENA 709 and GENA 711.

The diploma requires 120 points, GENA 709, GENA 711, PRHC 701, and 30 points from the following elective papers: GENA 704 Te Tūhaurora: Māori Health, GENA 710 Mental Health and Illness in Primary Care, HASC 417 Health Sciences Research Methods, REHB 713 Goal Setting and the Therapeutic Relationship, and REHB 714 Personal and Psychological Factors in Rehabilitation.

Master of Primary Health Care (MPHC)

The Master of Primary Health Care (MPHC) degree provides an appropriate advanced interprofessional qualification for students who have completed a Postgraduate Diploma in Primary Health Care including approved research methods paper(s). Following this, either a 120-point thesis, a 120-point portfolio or a 90-point portfolio plus a 30-point research methods paper can be undertaken. Graduates have an advanced understanding of the nature and practice of primary health care, advanced clinical training in personally-selected areas of practice, experience in working with other health professionals involved in primary health care, and the ability to set up and carry out relevant research independently.

The following papers are offered:

PRHC 701 New Zealand Primary Health Care (core paper)

30 points (first semester)

This paper explores how to anticipate, plan for, and evaluate changes to the delivery of primary health care in New Zealand today. Taking a population-based approach, interdisciplinary and multi-agency collaboration, as well as the interdependence of the generalist and specialist roles in the context of health-care delivery are discussed.

There are two residential periods in Wellington.

GENA 709 Long-term Condition Management 30 points (first semester)

Principles of ongoing, culturally-appropriate long-term condition management, including implementing change in

clinical practice and ways of delivering care, complexity in long-term condition management, best use of clinical information systems, patient self-management approaches, integrated care across the sectors, and population-based approaches.

There is one residential period in Wellington.

GENA 731 Supporting Healthier Lifestyles: Introduction 15 points (first semester)

This paper utilises evidence-based strategies and introduces a patient-focused, self-efficacy approach to support patients to achieve changes in lifestyle behaviours.

There is one residential period in Wellington.

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

This paper provides an overview of travel medicine as a specialty area of practice and will cover the principles of preparing the intending traveller with a focus on prevention, and a detailed knowledge of vaccine preventable illness and travel vaccines. Students will be informed of relevant resources available for keeping up to date in this field of increasing publications relevant to clinical practice.

There is one residential period in Wellington.

Restriction: GENX 715

GENA 719 Tropical Infectious Disease 30 points (first semester)

This paper is designed to provide suitably qualified health professionals with theoretical and practical knowledge sufficient to manage tropical diseases. The paper is of interest to any health professional whose practice brings them into contact with travellers, migrants, or those who plan to work in tropical countries. Topics include relevant tropical diseases (arboviruses, malaria, helminthic infections, tuberculosis, HIV); their epidemiology, presentation, diagnosis, treatment and management both in developing countries and in New Zealand.

There is one residential period in Wellington.

GENA 702 Sexual and Reproductive Health 30 points (second semester)

This paper is relevant for anyone working in the field of sexual and reproductive health in any primary-care setting including general practice, school, student health, and family planning clinics. It is especially suitable for GPs, practice nurses, other primary-care nurses, and pharmacists. It introduces and builds on the principles of sexual and reproductive health, including population health at national and international levels, and concepts about safe and effective provision of care. It gives practical advice about diagnosis, management, and monitoring in a primary-care setting. It assumes clinical experience working as a health professional, and builds on that experience with a strong interdisciplinary focus.

There is one residential period in Wellington.

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

This paper provides an introduction to quantitative and qualitative research methods used in the health sciences. Critical appraisal and literature review skills are an integral part of the course. On completion of the course, students will be able to design and create a master's-level research project under supervision.

There are three on-campus block courses in Wellington.

GENA 710 Mental Health and Illness in Primary Care
30 points (second semester)

The paper is especially suitable for health professionals working in primary health-care settings where interdisciplinary practice is the norm. Mental health issues are an intrinsic component of primary health-care delivery and are increasingly managed in community settings. This interdisciplinary paper is intended to give primary health-care professionals a sound basis for the recognition and management of mental health issues that commonly present in primary health-care settings. It provides a basis for evaluation, care planning and delivery for patients with mental health issues. It reviews current mental health status data and policy directions for primary care-based service delivery and workforce development.

There is one residential period in Wellington.

GENA 720 Refugee and Migrant Health
30 points (second semester)

This paper is designed to provide health professionals with the theoretical and practical knowledge necessary to manage the health needs of refugee and migrant groups. It also covers the needs of, and challenges facing, those working in aid projects. The principles of competent cross-cultural practice will be covered. Working with interpreters and with groups for whom English is a second language forms an essential part of the course.

There is one residential period in Wellington.

GENA 735 Supporting Healthier Lifestyles: Challenging Conversations
15 points (second semester)

This paper explores the interactional strategies used by patients and health professionals to manage conversations about lifestyle behaviours/lifestyle behaviour change in the primary care setting.

There is one residential period in Wellington.

GENA 704 Te Tūhauora Māori Health
30 points (not offered 2015, expected to be offered second semester 2016)

This introductory paper is offered to those working in any area of primary health care. It covers a range of topics, including the historical, social and political contexts of Māori health, the Treaty of Waitangi, Māori health status and priorities, frameworks for assessment and intervention, health initiatives, and models for care delivery.

There is one residential period in Wellington.

GENA 711 Long-term Condition Management (Advanced)
30 points (not offered 2015, expected to be offered second semester 2016)

Principles of ongoing, culturally-appropriate long-term condition management, including an understanding of complexity, patient self-management, integrated care between primary, secondary, and community non-governmental services, interpersonal skills, population-based approaches, and effective change management.

There is one residential period in Wellington.

Prerequisite: GENA 709 (previously GENX 709)

GENA 732 Supporting Healthier Lifestyles: Sleep Management
15 points (not offered 2015, expected to be offered second semester 2016)

This paper addresses sleep disorders commonly associated with health risk factors and illnesses focusing on guidelines for primary/integrated health-care settings.

There is one residential period in Wellington.

GENA 733 Supporting Healthier Lifestyles: Tackling Obesity
15 points (not offered 2015, expected to be offered second semester 2016)

This paper explores evidence-based strategies and interventions designed to address overweight and obesity. It overviews effective primary care management approaches to support patients to achieve health through healthier lifestyle behaviours.

There is one residential period in Wellington.

GENA 734 Supporting Healthier Lifestyles: Addiction and Drug Abuse
15 points (not offered 2015, expected to be offered second semester 2016)

This paper addresses the support required in primary/integrated health-care settings to implement evidence-based strategies for managing alcohol, tobacco, and other substance or behavioural addiction.

There is one residential period in Wellington.

PRHC 702 Expedition and Wilderness Medicine
30 points (not offered 2015, expected to be offered second semester 2016)

This paper is designed to provide participants with an understanding of planning and preparation for activities in the wilderness environment, both within New Zealand and overseas, and medical problems associated with the wilderness environment and the special considerations of providing medical care in an outdoor environment including risk assessment and resource management.

There is one residential period (usually over Labour Weekend) at the Edmund Hillary Outdoor Pursuits Centre, Tongariro.

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/studyprimaryhealthcare

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 (PGCertPH), Postgraduate Diploma in Public Health (DPH), and a Master of Public Health (MPH).

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 (PGCertPH)

Postgraduate Diploma in Public Health (DPH)

Master of Public Health (MPH).

PROGRAMMES OF STUDY

Postgraduate Certificate in Public Health (PGCertPH)

The Postgraduate Certificate in Public Health (PGCertPH) 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 Master's 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 distance (online) 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 industry. 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:

🌐 PUBH 721 Methods for Epidemiological Research 15 points (second semester)

An in-depth study of epidemiological ideas and methods used in conceptualisation, design, analysis, and interpretation of studies of the distribution and determinants of disease in human populations. Taught from Dunedin, this paper runs in the second half of the second semester and is internally assessed.

🌐 PUBH 722 Conducting Epidemiological Research in Developing Countries 15 points (second semester)

Preparation for research (such as engagement with stakeholders, funding, ethical issues, project management), methodological issues (such as study design, participant selection, protocol development, data gathering, analysis), reporting findings, and translation. Taught from Dunedin, this paper runs in the first half of the second semester and is internally assessed.

🌐 PUBH 725 Applied Biostatistics 1 – Fundamentals 15 points (first semester)

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. Taught from Dunedin, this paper runs in the first half of the first semester and has a final examination.

🌐 PUBH 726 Applied Biostatistics 2 – Regression Methods 15 points (first semester)

Use of multiple regression methods in health sciences research. Development of linear, logistic, Poisson and Cox regression models for estimation and prediction including covariate adjustment, dummy variables, transformations and interactions. Taught from Dunedin, this paper runs in the second half of the first semester and has a final examination.

PUBH 734 Health Protection 15 points (first semester)

Principles of health protection and their application to environmental health practice in New Zealand. Topics studied include: an overview of the important environmental hazards and diseases affecting New Zealand and our region, water, and air quality, food safety, indoor and work environments, infectious disease control, and environmental health emergencies. There is a strong emphasis on developing critical skills for health protection, including: environmental epidemiology, risk assessment and management, health impact assessment, basic toxicology, health protection law, public health surveillance, outbreak investigation, cluster investigation, emergency management, environmental research methods, and effective use of evidence.

Taught from Wellington, this paper includes one field-based day and approximately six hours of shared contact time (live lectures and discussion). This paper runs in the second half of the first semester and has an examination and one in-depth assignment (submitted in two parts).

PUBH 737 Public Health Law and Public Health Ethics – Fundamentals 15 points (first semester)

Focuses on the framework, scope, and content of core public health law in New Zealand with the viewpoint of law as a tool for public health. Analyses and discusses key concepts and frameworks in public health ethics with implications for law. Covers basic legal concepts and skills in understanding and researching law; analyses concepts fundamental to public health law and ethics, in particular risk, enforcement, and international law. Legal concepts and ethical frameworks are applied to critical topics in public health law: communicable disease, environmental health and public health emergencies. Law and ethical issues relating to risk factors for noncommunicable diseases, in particular tobacco, alcohol, food and nutrition, are summarised.

Taught from Wellington, the paper includes a two-day workshop in Wellington at the beginning of the semester. This paper runs in the first half of the first semester and is internally assessed.

PUBH 738 Global Public Health Law and Public Health Ethics 15 points (first semester)

Analyses emerging ideas on global public health law and global health ethics and how international law, including international trade law and intellectual property law, impacts on public health; discusses legal and ethical issues arising from application of public health law to diseases of the 21st century with global dimensions (NCDs, chronic disease); globalisation and communicable disease; relationships between global law for health and the environment.

Taught from Wellington, this paper includes a one-day workshop in Wellington at the beginning of the course. Students with an appropriate background who have not passed PUBH 737, may be admitted with approval (for example a background in law or ethics). This paper runs in the second half of the first semester and is internally assessed.

Prerequisite: PUBH 737

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 South 6242
Tel 04 385 5541
Email kate.geany@otago.ac.nz

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 AND 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 radiation therapy treatment, evidenced-based treatments and toxicities, symptom management, site-specific techniques, brachytherapy, psychosocial issues, and integrate this knowledge with reflection on clinical practice.

RADT 401 Radiation Therapy Advanced Practice I 30 points (first semester)

Cancer cell biology, radiobiology, chemotherapy, hormone therapy, immunotherapy, history taking and clinical assessment. Evidence-based treatment and toxicities of breast, prostate, cervix/endometrial, and colorectal sites. Symptom management.

The paper is distance taught with one two-day residential workshop in Wellington.

RADT 402 Radiation Therapy Advanced Practice II 30 points (second semester)

Quality of life assessment, supportive cancer care, cultural safety. Clinical reasoning. Evidence-based treatment and toxicities of head and neck, thorax, and central nervous system sites. Symptom management.

The paper is distance taught with one 2-day residential workshop in Wellington.

RADT 403 Brachytherapy Principles and Practice 30 points (second semester)

Historical development, sources, specifications, radiobiology, high/low dose rate, interstitial and intracavity systems, national and international criteria, radiation safety.

Further information

Postgraduate Co-ordinator
Department of Radiation Therapy
University of Otago, Wellington
PO Box 7343, Wellington South 6242
Tel 04 385 5475
Email rtenquiries.uow@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 programmes provide 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.

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 (DHB) or publicly-funded non-government organisation (NGO). 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. Special fees' subsidies and benefits are available with this certificate.

Postgraduate Certificate in Rehabilitation (PGCertRehab)

Comprises the core paper REHB 701, plus one other REHB paper (excluding 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. 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.

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. 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.

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:

REHB 701 Rehabilitation Principles (compulsory paper for PGCertHealSc, PGCertRehab and PGDipRehab)

30 points (first semester)

This paper addresses the core themes of rehabilitation and provides students with the tools to critique their own rehabilitation practices and develop innovations to local rehabilitation services. Key topics include: models for understanding health and disability such as the World Health Organization's International Classification of health, disability, and Functioning (ICF), consumer perspectives, cultural issues, ethical issues, rehabilitation team dynamics, goal setting, compensation systems and understanding the New Zealand funding structure of rehabilitation. This paper addresses the core themes of rehabilitation and aims to establish a solid base to build on in future papers.

REHB 703 Musculoskeletal Rehabilitation

30 points (not offered 2015, expected to be offered 2016)

This paper aims to develop a more in-depth understanding of rehabilitation of a range of musculoskeletal disorders. Sufficient detail is provided for students without medical training to gain an understanding of assessment and treatment strategies. Commonalities between different musculoskeletal disorders, especially chronic pain management approaches, will be emphasised. Evaluation of treatment efficacy will be covered in some detail, to answer the question, "Does it work?"

REHB 704 Neurological Rehabilitation

30 points (not offered 2015, expected to be offered 2016)

Assessment and management of neurological conditions including stroke, subarachnoid haemorrhage, multiple sclerosis, traumatic brain injury, spinal cord injury, Parkinson's disease, spasticity and urinary incontinence.

REHB 706 Work Rehabilitation

30 points (second semester)

Understanding the workplace, workers and employers, and the use of modern management techniques to reduce worksite injury and promote early return to work.

REHB 707 Rehabilitation for the Older Adult

30 points (first semester)

Management of disability and activity limitation and participation restriction in the older adult, including depression and dementia, fractures, multiple problems, dying and death.

REHB 709 Family Systems and Rehabilitation

30 points (not offered 2015, expected to be offered 2016)

The aim of this paper is to increase students' ability to think systemically, to assess the family system and to have a firm knowledge base for working with whole or parts of families.

REHB 710 Clinical Rehabilitation (compulsory paper for PGCertHealSc)

30 points (second semester)

This paper investigates current clinical rehabilitation practice through single case studies and clinical audit. This is an applied paper where students are expected to demonstrate the integration of rehabilitation theory and research evidence into the management of clients/patients at both an individual and service level. This paper is available to PGCertHealSc students only.

REHB 711 Special Topic

30 points (not offered 2015)

A special topic may be taught in either semester depending upon level of student interest in an area not covered by other papers or where a visiting academic may be able to teach a particular area of expertise. Students interested in the Special Topic option are advised to contact the Programme Administrator for updated information.

REHB 712 Rethinking Rehabilitation: (compulsory paper for PGCertRehab and PGDipRehab)

30 points (second semester)

Integration of the students' reflections on their experience as clinician, consumer or funder/manager with research findings to evaluate contemporary and challenging questions about rehabilitation process and outcomes. This paper will increase the student's ability to synthesise research and practical knowledge in their own field of expertise.

REHB 713 Goal Setting and the Therapeutic Relationship

30 points (first semester)

This paper will provide a critical, evidence-based examination of the process of goal setting in rehabilitation. Issues covered include: application of goal and goal-related theories from other fields (psychology, education, sports) to rehabilitation, ethics in goal planning for rehabilitation, motivation and adherence, identity and self-regulation, and using goals for person-centred outcome evaluation.

REHB 714 Personal and Psychological Factors in Rehabilitation

30 points (second semester)

In this paper, students will examine psychological factors influencing rehabilitation by considering the "personal factors" component of the WHO's International Classification of Functioning scheme. The paper aims to enhance students' understanding of the broader contextual aspects of rehabilitation.

REHB 715 Cardiac and Pulmonary Rehabilitation

30 points (first semester)

An opportunity for an in-depth investigation of the theory, research and practice of rehabilitation and self-management for people with cardiac or pulmonary disease. This paper would be suitable for any health professional working with people with cardiac and/or respiratory conditions who is interested in a multidisciplinary approach to their patient's care and rehabilitation.

REHB 716 Rehabilitation with Children
30 points (second semester)

An investigation of theory, research and practice of inter-professional rehabilitation with children who have congenital or acquired health conditions in the context of family-centred practice.

REHB 780 Research Project
30 points (full year, each semester)

Supervised research project. This paper is offered to students wishing to pursue a master's programme, either by thesis or by coursework. Students are strongly advised to contact the RTRU before enrolling in this paper.

Further information

Programme Administrator
 Rehabilitation Teaching and Research Unit
 Department of Medicine
 University of Otago, Wellington
 PO Box 7343, Wellington 6242
 Tel 04 385 5591
 Email rtru@otago.ac.nz

Reproductive Mental Health

This programme is designed for health-care professionals from a broad range of settings who work with women and their families during the reproductive years, in particular those who have existing mental illness or are at risk of developing subsequent mental health issues.

QUALIFICATION AND PROGRAMME OF STUDY

Postgraduate Certificate in Health Sciences (PGCertHealSc)
endorsed in Reproductive Mental Health

The Postgraduate Certificate in Health Sciences (PGCertHealSc) endorsed in Reproductive Mental Health comprises: one compulsory paper: PSME 438 and one further approved 30-point paper. Some recommended examples are PSME 401, PSME 432, PSME 433, PSME 436.

Refer to paper descriptions and semester availability shown elsewhere in this prospectus, or contact the department (details below).

PSME 438 Reproduction and Loss
30 points (not offered 2015, expected to be offered 2016)

This paper provides an outline of normal and assisted reproduction from conception through to childbirth and the relationship between psychiatric disorders and expected/unexpected losses during the reproductive cycle (infertility, miscarriage, termination of pregnancy, stillbirth). It also outlines the psychological and psychiatric assessment and treatment of women and their families during this period.

This paper is largely taught via block courses in Christchurch.

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

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 – GENA 730).

Postgraduate Diploma in Rural and Provincial Hospital Practice (PGDipRPHP)

The diploma forms part of the rural hospital medicine (RHM) registrar training programme, but many of the participants are experienced rural hospital generalists. The diploma counts 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, GENA 724 – GENA 730, comprise the core papers for the Postgraduate Certificate and Postgraduate Diploma in Rural and Provincial Hospital Practice:

GENA 724 The Context of Rural Hospital Medicine
15 points (second semester)

The context of clinical care in rural hospitals in relation to the person and profession of the doctor, the hospital, and the community. Residential: expected to be in late July/early August in Wellington

Restriction: GENX 723

GENA 725 Communication in Rural Hospital Medicine
15 points (not offered 2015, next offered 2016)

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.

Restriction: GENX 723

GENA 726 Obstetrics and Paediatrics in Rural Hospitals
15 points (not offered 2015, next offered 2016)

The management of paediatrics, neonatal care, and obstetric and gynaecological emergencies in a rural hospital setting.

GENA 727 Surgical Specialties in Rural Hospitals
15 points (not offered 2015, next offered 2016)

The management of common surgical problems appropriate to be managed in a rural hospital setting. Includes general surgery, urology, vascular surgery, ophthalmology, and ENT.

Restriction: GENX 722

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. Residential: expected to be in late November in Dunedin

Restriction: GENX 721

GENA 729 Medical Specialties in Rural Hospitals
15 points (first semester)

The management of acute and chronic common medical problems in a rural hospital setting. Includes gastroenterology, endocrinology, neurology, oncology, rheumatology, rehabilitation medicine, and infectious diseases. Residential: expected to be in early June.

Restriction: GENX 721

GENA 730 Trauma and Emergencies in Rural Hospitals
15 points (first semester)

The management of common medical and surgical emergencies in a rural hospital setting. Also covers immediate, intermediate and continuing care of the injured patient. Residential – expected to be in late April.

Restriction: GENX 722

Further Information

Bron Hunt
 Rural Postgraduate Administrator
 Dunstan Hospital
 PO Box 30, Clyde 9341
 Phone 03 440 4345
 Email bron.hunt@otago.ac.nz
 Web dnmeds.otago.ac.nz/departments/gp/teaching/rural_cert2.html

Sport and Exercise Medicine

Although many health professionals find that sport and exercise medicine forms a significant part of their work, most practitioners have minimal or no formal training at an undergraduate or postgraduate level. This programme reflects the multidisciplinary nature of sport and exercise medicine and offers training through the Dunedin School of Medicine, the Schools of Medicine and Health Sciences in Christchurch and Wellington, the Schools of Physical Education and Physiotherapy, and the Department of Human Nutrition. All applications for admission to the programme must be approved by the Academic Co-ordinator prior to enrolment.

QUALIFICATION

Postgraduate Diploma in Sport and Exercise Medicine (PGDipSEM)

PROGRAMME OF STUDY

Postgraduate Diploma in Sport and Exercise Medicine (PGDipSEM)

The Postgraduate Diploma in Sport and Exercise Medicine (PGDipSEM) is for graduates in medicine, physiotherapy, physical education, human nutrition, pharmacy or sciences, or those with a comparable qualification in the health-care professions. It requires the accumulation of 120 points. Given the diversity of candidates' backgrounds, there is only one compulsory generic paper, SPME 701 Issues in Sports Medicine.

Candidates may then choose their remaining 90 points from a selection of papers. This will allow students to complete a postgraduate diploma with an emphasis on a specific area of expertise.

Note: Teaching involves webconferences plus a residential on-campus course for core subject SPME 701 (usually the last Friday – Sunday in January) and SPME 711 (two days usually at the start of July). Internet access is required.

The following papers are offered:

SPME 701 Issues in Sports Medicine (compulsory)
30 points (first semester)

This compulsory paper has been designed to provide a core academic background in the sciences required for sport and exercise medicine. It includes current issues in anatomy, physiology, nutrition, human movement and bioethics in sport. There is a three-day residential in January in Dunedin.

⊕ **SPME 702 Medical Aspects of Exercise**
15 points (not offered 2015)

The issues that relate to the supervision and care of individuals involved in sport and recreational activities. This paper will provide a basis for the understanding of medical issues relating to specific sporting events, exercise in extreme environments, exercise stress testing and the role of sports medical staff who work with individual athletes or sporting teams.

⊕ **SPME 703 Sports Nutrition 30 points**
(second semester)

The relationship between nutrition and exercise and the application of human nutrition to sport and sport performance. This paper is designed to increase your knowledge and skill to evaluate the inter-relationship between nutrition and sport through the study of selected topics of current interest. More specifically it will enable you to update your knowledge of the role of nutrition in exercise and sport and to evaluate the extent to which nutrition and nutritional supplements play in athletic performance. A basic knowledge of the fundamentals of nutrition and the general nutritional needs of the physically active person will be assumed.

⊕ **SPME 704 Health and Human Performance A**
15 points (not offered 2015)

Recognition and management of existing clinical conditions such as asthma, diabetes and epilepsy in those who lead active lifestyles. This paper has been designed primarily for those with registerable clinical qualifications. It provides specific information on a number of medical conditions and their relationship in individuals who participate in sport and other physical activities.

⊕ **SPME 705 Health and Human Performance B**
15 points (not offered 2015, expected to be offered second semester 2017 and then 2 yearly)

Physical, psychological and social needs of special groups in the sport and recreational setting, including the young athlete, the veteran, the female athlete, and the disabled competitor. This paper provides a framework for the recognition of the special concerns in sport and physical activity for certain groups of participants based on age, gender, and physical status.

SPME 706 Sports Physiotherapy
30 points (expected to be offered first semester 2015 and then 2 yearly)

Physiotherapy practices in the prevention and management of injuries to recreational and high performance athletes. This paper is specifically designed for registered physiotherapists to

advance their base clinical knowledge into the specialised area of sport. Other registered health-care professionals may be admitted to this paper at the discretion of the academic convenor with approval from the Pro-Vice-Chancellor (Health Sciences). There is a two day residential component in Dunedin in May.

⊕ **SPME 707 Regional Sports Injury 1**
15 points (first semester)

Supervision and care of individuals involved in sport and recreational activities with emphasis on prevention and treatment of commonly encountered injuries to the upper limb. This paper is restricted to registered medical practitioners and physiotherapists due to the applied clinical nature of its content. Other registered health professionals may be admitted to this paper with academic approval. It focuses on the upper body covering relevant functional anatomy, common sports injuries and their assessment, diagnosis, and full management.

⊕ **SPME 708 Regional Sports Injury 2**
15 points (second semester)

Supervision and care of individuals involved in sport and recreational activities with emphasis on prevention and treatment of commonly encountered injuries to the lower limb. This paper is restricted to registered medical practitioners, physiotherapists and podiatrists due to the applied clinical nature of its contents. Other registered health professionals may be admitted to this paper with academic approval. It focuses on the lower body and includes relevant functional anatomy, common sports injuries and their assessment, diagnosis, and full management.

⊕ **SPME 709 Women in Sport: Health Issues**
30 points (second semester)

Recognition and management of specific issues relating to the physically active female, including active leisure to high performance sport. This paper is designed for both clinical and non-clinical students.

⊕ **SPME 710 Sports Ergonomics**
30 points (first semester 2016 and then 2 yearly)

Interaction between the sportsperson and the environment and its effect on injury mechanisms and injury prevention, including interaction with other participants, the surface on which the sport is played and equipment used. This paper has application for clinical and non-clinical students and provides a framework of understanding for the principles of injury pathomechanics, tissue responses to loading and the role of sports equipment in sports injury prevention and rehabilitation.

SPME 711 Exercise Prescription
30 points (second semester)

Evidence-based clinical approach to exercise prescription. Links between physical activity and health in the contemporary primary-care setting that promotes interdisciplinary collaboration. Evidence will be presented regarding the association between physical activity and all-cause mortality and morbidity. Types of exercise, frequency, duration and intensity are explored in relation to disease prevention and treatment. There is one 2-day residential in July in Dunedin.

Further information

More detailed information can be obtained from:

Jan Brosnahan
Course Co-ordinator,
Department of Medicine
Dunedin School of Medicine
PO Box 913, Dunedin 9054
Tel 03 474 0999 extension 8510
Email jan.brosnahan@otago.ac.nz
Web otago.ac.nz/dsm/sportsmed

Dr Hamish Osborne
Academic Co-ordinator
Dunedin School of Medicine
PO Box 913, Dunedin 9054
Tel 03 474 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 targeted at Australasian 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 co-badged by the Royal Australasian College of Surgeons. The programme consists of four taught papers and includes both distance learning and two-week intensive campus-based instruction with hands-on cadaver dissection.

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. The paper includes regional cadaver dissection.

Limited to PGDipSurgAnat

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. The paper includes regional cadaver dissection.

Prerequisite or corequisite: SUAN/X 701

Limited to PGDipSurgAnat

SUAN 703 Abdomen and Neck
30 points (second semester)

Anatomy of the abdomen and neck relevant to the clinical practice of surgery and radiology. The paper includes regional cadaver dissection.

Prerequisite or corequisite: SUAN/X 701

Limited to PGDipSurgAnat

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. The paper includes regional cadaver dissection.

Prerequisite or corequisite: SUAN/X 701

Limited to PGDipSurgAnat

Further information

Kathryn McClea

Administrator

Department of Anatomy

University of Otago,

PO Box 913, Dunedin 9054

Tel 03 479 7131

Email kathryn.mcclea@otago.ac.nz

Web surgicalanatomy.otago.ac.nz/

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.

All Travel Medicine papers include one residential period to which attendance is compulsory. Dates for residential held in 2015 will be available online by September 2014.

QUALIFICATIONS AVAILABLE

Postgraduate Certificate in Travel Medicine
(PGCertTravMed)

Postgraduate Diploma in Travel Medicine (PGDipTravMed)

Master of Travel Medicine (MTravMed)

PROGRAMMES OF STUDY

Postgraduate Certificate in Travel Medicine
(PGCertTravMed)

The certificate requires 60 points, GENA 713 Travel Medicine 1 and GENA 714 Travel Medicine 2.

Postgraduate Diploma in Travel Medicine (PGDipTravMed)

The diploma requires 120 points, GENA 713 Travel Medicine 1, GENA 714 Travel Medicine 2, GENA 719 Tropical Infectious Diseases, and 30 points from the three other papers below. Other papers may be approved by the Board of Studies for Primary Health Care.

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 points; other postgraduate diplomas with equivalent travel medicine content may also, with approval, satisfy the entry requirements.

The MTravMed is completed by either a 120-point research thesis, a 120-point portfolio or a 90-point portfolio and a 30-point research methods paper. Graduates have an advanced understanding of health-care needs and skills associated with international travel, migration and recreation, and an ability to formulate and conduct travel-related research independently.

The following papers are offered:

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

This paper provides an overview of travel medicine as a specialty area of practice, will cover the principles of preparing the intending traveller with a focus on prevention, and a detailed knowledge of vaccine preventable illness and travel vaccines. Students will be informed of relevant resources available for keeping up to date in this field of increasing publications relevant to clinical practice.

There is one residential period in Wellington.

Restriction: GENX 715

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

This paper will cover the specific clinical concerns of travellers with special needs including returning travellers, the humanitarian worker, pregnant women, elderly, visiting friends and relatives, children, long-term expatriates, the immune-compromised traveller, the humanitarian and aid worker, and the adventure traveller. Specific clinical contexts to be covered include fitness to fly/aviation medicine, food and water-borne disease, preventing food and water-borne disease, preventing insect-borne disease, sexually transmitted infections and the traveller, travel dermatology, tuberculosis and travel, and the unwell returning traveller or recent migrant.

There is one residential period in Wellington.

Prerequisite: GENA/X 713

Restriction: GENX 715

GENA 719 Tropical Infectious Disease
30 points (first semester)

This paper is designed to provide suitably qualified health professionals with theoretical and practical knowledge sufficient to manage tropical diseases. The paper is of interest to any health professional whose practice brings them into contact with travellers, migrants or those who plan to work in tropical countries. Topics include relevant tropical diseases (arboviruses, malaria, helminthic infections, tuberculosis, HIV); their epidemiology, presentation, diagnosis, treatment and management both in developing countries and in New Zealand.

There is one residential period in Wellington.

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

This paper provides an introduction to quantitative and qualitative research methods used in the health sciences. Critical appraisal and literature review skills are an integral part of the course. On completion of the course, students will be able to design and create a master's-level research project under supervision. There are three on-campus block courses in Wellington during the paper.

GENA 720 Refugee and Migrant Health
30 points (second semester)

This paper is designed to provide health professionals with the theoretical and practical knowledge necessary to manage the health needs of refugee and migrant groups. It also covers the needs of, and challenges facing, those working in aid projects. The principles of competent cross-cultural practice will be covered. Working with interpreters and with groups for whom English is a second language forms an essential part of the course.

There is one residential period in Wellington.

PRHC 702 Wilderness and Expedition Medicine
30 points (not offered 2015, expected to be offered second semester 2016)

This paper is designed to provide participants with an understanding of planning and preparation for activities in the wilderness environment, both within New Zealand and overseas, and medical problems associated with the wilderness environment and the special considerations of providing medical care in an outdoor environment including risk assessment and resource management.

There is one residential period (usually over Labour Weekend) at the Edmund Hillary Outdoor Pursuits Centre, Tongariro.

Further information

Postgraduate Co-ordinator
 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/studyprimaryhealthcare

Ultrasound

(for generalist medical practitioners)

QUALIFICATION AND PROGRAMME OF STUDY

Postgraduate Certificate in Clinician-Performed Ultrasound (PGCertCPU)

The certificate requires both GENA 717 and GENA 718. These papers must be studied together over a full year.

Limited to twenty participants run in two streams of ten people. There are three 3-day compulsory residential courses held in Dunedin and Clyde.

The following papers are offered:

GENA 717 Generalist Medical Echocardiography
30 points (full year)

This paper is studied concurrently with GENA 718 for generalist medical practitioners who wish to gain basic skills in procedural and diagnostic echocardiography and ultrasound. Full access to an ultrasound machine with both general and cardiac probes is essential.

GENA 718 Generalist Medical Ultrasound
30 points (full year)

This paper is studied concurrently with GENA 717 by generalist medical practitioners who wish to gain basic skills in procedural and diagnostic ultrasound and echocardiography. Full access to an ultrasound machine with both general and cardiac probes is essential.

Limited to: PGCertCPU, PGDipRPHP

Further information

Bron Hunt
 Rural Postgraduate Administrator
 Dunstan Hospital
 PO Box 30, Clyde 9341
 Tel 03 440 4345
 Email bron.hunt@otago.ac.nz

Qualifications

All of the papers for the qualifications listed below are available through Distance Learning. In many cases, it is possible to take individual papers without necessarily intending to complete the full qualification. In addition, several other papers are offered which need not be for a particular qualification, but which can be taken for credit to a degree or diploma.

Higher Education Development Centre

- ~ Postgraduate Diploma in Higher Education
- ~ Postgraduate Certificate in Higher Education

Division of Humanities

- ~ Doctor of Education
- ~ Master of Education
- ~ Master of Indigenous Studies
- ~ Master of Ministry
- ~ Master of Social and Community Work (no new enrolments accepted)
- ~ Master of Social Work
- ~ Master of Teaching
- ~ Postgraduate Diploma in Arts Subjects in Education
- ~ Postgraduate Diploma in Ministry
- ~ Postgraduate Diploma in Social and Community Work (no new enrolments accepted)
- ~ Postgraduate Diploma in Social Welfare
- ~ Postgraduate Diploma in Teaching
- ~ Postgraduate Certificate in Teaching
- ~ Postgraduate Diploma in Theology
- ~ Bachelor of Social Work (3rd and 4th years only)
- ~ Bachelor of Theology

Division of 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
- ~ Diploma in Sports Studies (no new enrolments accepted)
- ~ Certificate in Fitness Management (no new enrolments accepted)

Division of Health Sciences

Unless specified otherwise, the schools responsible for papers 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 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 endorsed in:
 - Addition and Co-existing Disorders (Christchurch)
 - Aeromedical Retrieval and Transport (Wellington)
 - Aviation Medicine (Wellington)
 - Bioethics (Dunedin)
 - Clinical Education (HEDC Dunedin)
 - Clinical Research (Wellington)
 - Gerontology (Christchurch)
 - Human Nutrition (Dunedin)
 - Musculoskeletal Management (Christchurch)
 - Occupational Medicine (Wellington)
 - Pain and Pain Management (Christchurch)
 - Rehabilitation (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 endorsed in:
 - Addiction and Co-existing Disorders (Christchurch)
 - Aeromedical Retrieval and Transport (Wellington)
 - Bioethics (Dunedin)
 - Clinical Research (Wellington)
 - Gerontology (Christchurch)
 - 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)
 - ~ Postgraduate Diploma in Industrial Health (Dunedin)
 - ~ Postgraduate Diploma in Medical Technology endorsed in:
 - Cardiology (Wellington)
 - Sleep Medicine (Wellington)
 - ~ Postgraduate Diploma in Musculoskeletal Medicine (Christchurch)
 - ~ Postgraduate Diploma in Obstetrics and Medical Gynaecology (Dunedin)
 - ~ Postgraduate Diploma in Occupational Medicine (Wellington)
 - ~ Postgraduate Diploma in Ophthalmic Basic Sciences (Dunedin)
 - ~ Postgraduate Diploma in 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 Clinician-Performed Ultrasound (Dunedin)
 - ~ Postgraduate Certificate in General Practice (Dunedin, Wellington)
 - ~ Postgraduate Certificate in Health Sciences endorsed in:
 - Addiction and Co-existing Disorders (Christchurch)
 - Aeromedical Retrieval and Transport (Wellington)
 - Clinical Rehabilitation (Wellington)
 - Clinical Research (Wellington)
 - Continence Management (Christchurch)
 - Family and Systems Therapies (Wellington)
 - Forensic Mental Health (Christchurch)
 - Gerontology (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)
 - Nursing (Specialty Mental Health) (Christchurch)
 - Occupational Health (Dunedin)
 - Pain and Pain Management (Christchurch)
 - Perinatal Mental Health (Christchurch)
 - Radiation Therapy Advanced Practice (Wellington)
 - Reproductive Mental Health (Christchurch)
 - ~ 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 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)



FOR FURTHER INFORMATION CONTACT:

(NZ) 0800 80 80 98

(AUST) 1800 468 246

txt 866

university@otago.ac.nz

otago.ac.nz/distancelearning