



University
of Otago
ŌTĀKOU WHAKAIHU WAKA

2027

Postgraduate qualifications
and papers



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Qualifications Tohu Mātauranga

This section provides a comprehensive directory of all postgraduate programmes offered across the University of Otago's academic divisions. To assist with your academic planning, each listing includes a direct link to the university website, ensuring you have immediate access to full programme outlines and requirements, and application deadlines.



Interdivisional

Doctor of Philosophy – PhD

otago.ac.nz/courses/qualifications/doctor-of-philosophy

Postgraduate Certificate in Higher Education – PGCertHighE

otago.ac.nz/courses/qualifications/postgraduate-certificate-in-higher-education

Master of Higher Education – MHEd

otago.ac.nz/courses/qualifications/master-of-higher-education

Diploma for Graduates – DipGrad

otago.ac.nz/courses/qualifications/diploma-for-graduates

Postgraduate Diploma in Higher Education – PGDipHighE

otago.ac.nz/courses/qualifications/postgraduate-diploma-in-higher-education

Division of Humanities

Arts and Music

Doctor of Literature – LittD

otago.ac.nz/courses/qualifications/doctor-of-literature

Doctor of Music – MusD

otago.ac.nz/courses/qualifications/doctor-of-music

Doctor of Musical Arts – DMA

otago.ac.nz/courses/qualifications/doctor-of-musical-arts

Master of Archaeology and Heritage Practice – MArchP

otago.ac.nz/courses/qualifications/master-of-archaeological-practice

Master of Arts (Thesis) – MA(Thesis)

otago.ac.nz/courses/qualifications/master-of-arts-thesis

Master of Arts (Coursework) – MA(Coursework)

otago.ac.nz/courses/qualifications/master-of-arts-coursework

Master of Creative Writing – MCW

otago.ac.nz/courses/qualifications/master-of-creative-writing

Master of Communications – MComms

otago.ac.nz/courses/qualifications/master-of-communications-mcomms

Master of Fine Arts – MFA

otago.ac.nz/courses/qualifications/master-of-fine-arts

Master of Indigenous Studies – MIndS

otago.ac.nz/courses/qualifications/master-of-indigenous-studies

Master of International Development and Planning – MIDP

otago.ac.nz/courses/qualifications/master-of-international-development-and-planning

Master of International Studies – MIntSt

otago.ac.nz/courses/qualifications/master-of-international-studies

Master of Music (Coursework) – MMus(Coursework)

otago.ac.nz/courses/qualifications/master-of-music-coursework

Master of Peace and Conflict Studies – MPCS

otago.ac.nz/courses/qualifications/master-of-peace-and-conflict-studies

Master of Planning – MPlan

otago.ac.nz/courses/qualifications/master-of-planning

Master of Politics – MPols

otago.ac.nz/courses/qualifications/master-of-politics

Master of Social and Community Work (Applied) – MSCW(Applied)

otago.ac.nz/courses/qualifications/master-of-social-and-community-work-applied

Master of Social Work – MSW

otago.ac.nz/courses/qualifications/master-of-social-work

Master of Teaching English to Speakers of Other Languages – MTESOL

Bachelor of Arts with Honours – BA(Hons)

otago.ac.nz/courses/qualifications/bachelor-of-arts-with-honours

Bachelor of Music with Honours – MusB(Hons)

otago.ac.nz/courses/qualifications/bachelor-of-music-with-honours

Bachelor of Social Work with Honours – BSW(Hons)

otago.ac.nz/courses/qualifications/bachelor-of-social-work-with-honours

Postgraduate Diploma in Arts Subjects – PGDipArts

otago.ac.nz/courses/qualifications/postgraduate-diploma-in-arts-subjects

Postgraduate Diploma in Music – PGDipMus

otago.ac.nz/courses/qualifications/postgraduate-diploma-in-music

Postgraduate Diploma in Social Welfare – PGDipSW

otago.ac.nz/courses/qualifications/postgraduate-diploma-in-social-welfare

Graduate Diploma in Second Language Teaching – GDipSLT

otago.ac.nz/courses/qualifications/graduate-diploma-in-second-language-teaching

Education

Doctor of Education – EdD

otago.ac.nz/courses/qualifications/doctor-of-education

Master of Education and Learning – MEdLn

otago.ac.nz/courses/qualifications/master-of-education-and-learning

Master of Teaching and Learning – MTchgLn

otago.ac.nz/courses/qualifications/master-of-teaching-and-learning

Postgraduate Diploma in Education and Learning – PGDipEdLn

otago.ac.nz/courses/qualifications/postgraduate-diploma-in-education-and-learning

Postgraduate Certificate in Education and Learning – PGCertEdLn

otago.ac.nz/courses/qualifications/postgraduate-certificate-in-education-and-learning

Graduate Diploma of Teaching – GradDipTchg

otago.ac.nz/courses/qualifications/graduate-diploma-of-teaching-graddiptchg-endorsed-in-primary-education-or-secondary-education

Law

Doctor of Laws – LLD

otago.ac.nz/courses/qualifications/doctor-of-laws

Master of Laws – LLM

otago.ac.nz/courses/qualifications/master-of-laws

Theology

Master of Chaplaincy – MChap

otago.ac.nz/courses/qualifications/master-of-chaplaincy

Master of Faith-based Leadership and Management – MFBLM

otago.ac.nz/courses/qualifications/master-of-faith-based-leadership-and-management

Master of Ministry – MMin

otago.ac.nz/courses/qualifications/master-of-ministry

Master of Theology – MTheol

otago.ac.nz/courses/qualifications/master-of-theology

Bachelor of Theology with Honours – BTheol(Hons)

otago.ac.nz/courses/qualifications/bachelor-of-theology-with-honours

Postgraduate Diploma in Chaplaincy – PGDipChap

otago.ac.nz/courses/qualifications/postgraduate-diploma-in-chaplaincy

Postgraduate Diploma in Faith-based Leadership and Management

– PGDipFBLM

otago.ac.nz/courses/qualifications/postgraduate-diploma-in-faith-based-leadership-and-management

Postgraduate Diploma in Ministry – PGDipMin

otago.ac.nz/courses/qualifications/postgraduate-diploma-in-ministry

Postgraduate Diploma in Theology – PGDipTheol

otago.ac.nz/courses/qualifications/postgraduate-diploma-in-theology

Postgraduate Certificate in Chaplaincy – PGCertChap

otago.ac.nz/courses/qualifications/postgraduate-certificate-in-chaplaincy

Division of Sciences

Science

Doctor of Science – DSc

otago.ac.nz/courses/qualifications/doctor-of-science

Master of Clinical Exercise Physiology

Master of Digital Technologies

otago.ac.nz/courses/qualifications/master-of-digital-technologies

Master of Science (Thesis)

otago.ac.nz/courses/qualifications/master-of-science-thesis

Master of Science (Coursework)

otago.ac.nz/courses/qualifications/master-of-science-coursework

Master of Science (Applied)

otago.ac.nz/courses/qualifications/master-of-science-applied

Master of Sport Development and Management – MSpDM

otago.ac.nz/courses/qualifications/master-of-sport-development-and-management

Master of Wildlife Conservation – MWLC

otago.ac.nz/courses/qualifications/master-of-wildlife-management

Postgraduate Diploma in Clinical Psychology – PGDipCIPs

otago.ac.nz/courses/qualifications/postgraduate-diploma-in-clinical-psychology

Postgraduate Diploma in Psychological Assessment and Intervention

– PGDipPAI

otago.ac.nz/study/qualifications/postgraduate-diploma-in-psychological-assessment-and-intervention-pgdippai

Postgraduate Diploma in Science – PGDipSci

otago.ac.nz/courses/qualifications/postgraduate-diploma-in-science

Postgraduate Diploma in Science Communication – PGDipSciComm

otago.ac.nz/courses/qualifications/postgraduate-diploma-in-science-communication

Postgraduate Diploma in Sport Development and Management

– PGDipSpDM

otago.ac.nz/courses/qualifications/postgraduate-diploma-in-sport-development-and-management

Postgraduate Diploma in Wildlife Conservation – PGDipWLC

otago.ac.nz/courses/qualifications/postgraduate-diploma-in-wildlife-management

Postgraduate Certificate in Science Communication – PGCertSciComm

otago.ac.nz/courses/qualifications/postgraduate-certificate-in-science-communication

Bachelor of Science with Honours – BSc(Hons)

otago.ac.nz/courses/qualifications/bachelor-of-science-with-honours

Surveying

Master of Surveying – MSurv

otago.ac.nz/courses/qualifications/master-of-surveying

Bachelor of Surveying with Honours – BSurv(Hons)

otago.ac.nz/courses/qualifications/bachelor-of-surveying-with-honours

Division of Commerce

Doctor of Commerce – DCom

otago.ac.nz/courses/qualifications/doctor-of-commerce

Doctor of Business Administration – DBA

otago.ac.nz/courses/qualifications/doctor-of-business-administration

Master of Business – MBus

otago.ac.nz/courses/qualifications/master-of-business

Master of Business Administration – MBA

otago.ac.nz/courses/qualifications/master-of-business-administration

Master of Commerce – MCom

otago.ac.nz/courses/qualifications/master-of-commerce

Master of Sustainable Business – MSusBus

otago.ac.nz/courses/qualifications/master-of-sustainable-business

Postgraduate Diploma in Business Administration – PGDipBusAdmin

otago.ac.nz/courses/qualifications/postgraduate-diploma-in-business-administration

Postgraduate Diploma in Business – PGDipBus

otago.ac.nz/courses/qualifications/postgraduate-diploma-in-business

Postgraduate Diploma in Business Research – PGDipBusRes

otago.ac.nz/courses/qualifications/postgraduate-diploma-in-business-research

Postgraduate Diploma in Executive Management (PGDipEM)

otago.ac.nz/courses/qualifications/postgraduate-diploma-in-executive-management

Postgraduate Certificate in Executive Management – PGCertEM

otago.ac.nz/courses/qualifications/postgraduate-certificate-in-executive-management

Postgraduate Certificate in Business – PGCertBus

otago.ac.nz/courses/qualifications/postgraduate-certificate-in-business

Postgraduate Certificate in Business Research – PGCertBusRes

otago.ac.nz/courses/qualifications/postgraduate-certificate-in-business-research

Division of Health Sciences

Dentistry

Doctor of Clinical Dentistry – DCLinDent

otago.ac.nz/courses/qualifications/doctor-of-clinical-dentistry

Doctor of Dental Science – DDSc

otago.ac.nz/courses/qualifications/doctor-of-dental-science

Master of Community Dentistry – MComDent

otago.ac.nz/courses/qualifications/master-of-community-dentistry

Master of Oral Health – MOH

otago.ac.nz/courses/qualifications/master-of-oral-health

Postgraduate Diploma in Clinical Dentistry – PGDipClinDent

otago.ac.nz/courses/qualifications/postgraduate-diploma-in-clinical-dentistry

Postgraduate Diploma in Clinical Dental Technology – PGDipCDTech

otago.ac.nz/courses/qualifications/postgraduate-diploma-in-clinical-dental-technology

Postgraduate Diploma in Community Dentistry – PGDipComDent

otago.ac.nz/courses/qualifications/postgraduate-diploma-in-community-dentistry

Health Sciences

Master of Advanced Nursing Practice – MAdvNP

otago.ac.nz/courses/qualifications/master-of-advanced-nursing-practice

Master of Bioethics and Health Law – MBHL

otago.ac.nz/courses/qualifications/master-of-bioethics-and-health-law

Master of Biomedical Sciences – MBiomedSc

otago.ac.nz/courses/qualifications/master-of-biomedical-sciences

Master of Health Sciences – MHealSc

otago.ac.nz/courses/qualifications/master-of-health-sciences

Master of Medical Laboratory Science – MMLSc

otago.ac.nz/courses/qualifications/master-of-medical-laboratory-science

Master of Nursing Science – MNSc

otago.ac.nz/courses/qualifications/master-of-nursing-science

Bachelor of Biomedical Sciences with Honours – BBiomedSc(Hons)

otago.ac.nz/courses/qualifications/bachelor-of-biomedical-sciences-with-honours

Bachelor of Radiation Therapy with Honours – BRT(Hons)

otago.ac.nz/courses/qualifications/bachelor-of-radiation-therapy-with-honours

Postgraduate Diploma in Bioethics and Health Law – PGDipBHL

otago.ac.nz/courses/qualifications/postgraduate-diploma-in-bioethics-and-health-law

Postgraduate Diploma in Health Management – PGDipHealMg

otago.ac.nz/courses/qualifications/postgraduate-diploma-in-health-management

Postgraduate Diploma in Digital Health – PGDipDigHeal

otago.ac.nz/courses/qualifications/postgraduate-diploma-in-digital-health

Postgraduate Diploma in Health Sciences – PGDipHealSc
otago.ac.nz/courses/qualifications/postgraduate-diploma-in-health-sciences

Postgraduate Diploma in Medical Laboratory Science – PGDipMLSc
otago.ac.nz/courses/qualifications/postgraduate-diploma-in-medical-laboratory-science

Postgraduate Diploma in Medical Technology – PGDipMedTech
otago.ac.nz/courses/qualifications/postgraduate-diploma-in-medical-technology

Postgraduate Diploma in Neuropsychology – PGDipNeuropsych
otago.ac.nz/courses/qualifications/postgraduate-diploma-in-neuropsychology

Medicine

Doctor of Medicine – MD
otago.ac.nz/courses/qualifications/doctor-of-medicine

Master of Aviation Medicine – MAVMed
otago.ac.nz/courses/qualifications/master-of-aviation-medicine

Master of Medical Science – MMedSc
otago.ac.nz/courses/qualifications/master-of-medical-science

Master of Occupational Medicine – MOccMed
otago.ac.nz/courses/qualifications/master-of-occupational-medicine

Master of Ophthalmology – MOphth
otago.ac.nz/courses/qualifications/master-of-ophthalmology

Master of Primary Health Care – MPH
otago.ac.nz/courses/qualifications/master-of-primary-health-care

Master of Public Health – MPH
otago.ac.nz/courses/qualifications/master-of-public-health

Master of Travel Medicine – MTravMed
otago.ac.nz/courses/qualifications/master-of-travel-medicine

Postgraduate Diploma in Aeromedical Retrieval and Transport – PGDipAeroRT
otago.ac.nz/courses/qualifications/postgraduate-diploma-in-aero-medical-retrieval-and-transport

Postgraduate Diploma in Child Health – DCH
otago.ac.nz/courses/qualifications/postgraduate-diploma-in-child-health

Postgraduate Diploma in Musculoskeletal Medicine – PGDipMSM
otago.ac.nz/courses/qualifications/postgraduate-diploma-in-musculoskeletal-medicine

Postgraduate Diploma in Obstetrics and Medical Gynaecology – PGDipOMG
otago.ac.nz/courses/qualifications/postgraduate-diploma-in-obstetrics-and-medical-gynaecology

Postgraduate Diploma in Occupational Medicine – PGDipOccMed
otago.ac.nz/courses/qualifications/postgraduate-diploma-in-occupational-medicine

Postgraduate Diploma in Ophthalmic Basic Science – PGDipOphthBS
otago.ac.nz/courses/qualifications/postgraduate-diploma-in-ophthalmic-basic-sciences

Postgraduate Diploma in Primary Health Care – PGDipPHC
otago.ac.nz/courses/qualifications/postgraduate-diploma-in-primary-health-care

Postgraduate Diploma in Sport and Exercise Medicine – PGDipSEM
otago.ac.nz/courses/qualifications/postgraduate-diploma-in-sport-and-exercise-medicine

Postgraduate Certificate in Digital Health – PGCertDigHeal
otago.ac.nz/courses/qualifications/postgraduate-certificate-in-digital-health

Postgraduate Certificate in Health Sciences – PGCertHealSc
otago.ac.nz/courses/qualifications/postgraduate-certificate-in-health-sciences

Postgraduate Certificate in Medical Technology – PGCertMedTech
otago.ac.nz/courses/qualifications/postgraduate-certificate-in-medical-technology

Postgraduate Diploma in Public Health – DPH
otago.ac.nz/courses/qualifications/postgraduate-diploma-in-public-health

Postgraduate Diploma in Rehabilitation – PGDipRehab
otago.ac.nz/courses/qualifications/postgraduate-diploma-in-rehabilitation

Postgraduate Diploma in Rural Clinical Practice – PGDipRCP
otago.ac.nz/courses/qualifications/postgraduate-diploma-in-rural-clinical-practice

Postgraduate Diploma in Surgical Anatomy – PGDipSurgAnat
otago.ac.nz/courses/qualifications/postgraduate-diploma-in-surgical-anatomy

Postgraduate Diploma in Travel Medicine – PGDipTravMed
otago.ac.nz/courses/qualifications/postgraduate-diploma-in-travel-medicine

Postgraduate Certificate in Aeromedical Retrieval and Transport – PGCertAeroRT
otago.ac.nz/courses/qualifications/postgraduate-certificate-in-aero-medical-retrieval-and-transport

Postgraduate Certificate in Civil Aviation Medicine – PGCertCAvMed
otago.ac.nz/courses/qualifications/postgraduate-certificate-in-civil-aviation-medicine

Postgraduate Certificate in Clinician-Performed Ultrasound – PGCertCPU
otago.ac.nz/courses/qualifications/postgraduate-certificate-in-clinician-performed-ultrasound

Postgraduate Certificate in Musculoskeletal Medicine – PGCertMSM
otago.ac.nz/courses/qualifications/postgraduate-certificate-in-musculoskeletal-medicine

Postgraduate Certificate in Occupational Medicine – PGCertOccMed
otago.ac.nz/courses/qualifications/postgraduate-certificate-in-occupational-medicine

Postgraduate Certificate in Pregnancy and Medical Gynaecology – PGCertPMG
otago.ac.nz/courses/qualifications/postgraduate-certificate-in-pregnancy-and-medical-gynaecology

Postgraduate Certificate in Primary Health Care – PGCertPHC
otago.ac.nz/courses/qualifications/postgraduate-certificate-in-primary-health-care

Postgraduate Certificate in Public Health – PGCertPH
otago.ac.nz/courses/qualifications/postgraduate-certificate-in-public-health

Postgraduate Certificate in Rehabilitation – PGCertRehab
otago.ac.nz/courses/qualifications/postgraduate-certificate-in-rehabilitation

Postgraduate Certificate in Rural Clinical Practice – PGCertRCP
otago.ac.nz/courses/qualifications/postgraduate-certificate-in-rural-clinical-practice

Pharmacy

Master of Clinical Pharmacy – MClinPharm
otago.ac.nz/courses/qualifications/master-of-clinical-pharmacy

Master of Pharmacy – MPharm
otago.ac.nz/courses/qualifications/master-of-pharmacy

Postgraduate Diploma in Clinical Pharmacy – PGDipClinPharm
otago.ac.nz/courses/qualifications/postgraduate-diploma-in-clinical-pharmacy

Physiotherapy

Master of Physiotherapy – MPhty
otago.ac.nz/study/qualifications/master-of-physiotherapy

Postgraduate Diploma in Physiotherapy – PGDipPhty
otago.ac.nz/study/qualifications/postgraduate-diploma-in-physiotherapy

Postgraduate Certificate in Travel Medicine – PGCertTravMed
otago.ac.nz/courses/qualifications/postgraduate-certificate-in-travel-medicine

Postgraduate Certificate in Pharmacist Prescribing – PGCertPharmPres
otago.ac.nz/study/qualifications/postgraduate-certificate-in-pharmacist-prescribing

Postgraduate Certificate in Pharmacy – PGCertPharm
otago.ac.nz/courses/qualifications/postgraduate-certificate-in-pharmacy

Postgraduate Certificate in Physiotherapy – PGCertPhty
otago.ac.nz/study/qualifications/postgraduate-certificate-in-physiotherapy

Prescriptions Tohutohu Akoranga

This section provides an alphabetical listing of all papers. It is vital that you consult this section when choosing your papers.

Information on the following pages was correct at the time of publication, however as some details may have changed, please check the website for the most recent information.

otago.ac.nz/papers



How to use this section to select your papers

How to read a Prescription entry.

The example below illustrates the components of a typical paper entry.

BIOE 403 Bioengineering Design

FY 0.1667 EFTS OC 20 points
Design for a medical/bioengineering application resulting in a product, system, process or communication outcome. Emphasis on materials, technology, instrumentation and interface for unmet bioengineering needs.

R DETE 402

Note: Design paper offerings are currently being reviewed.

This example is for the purposes of illustration only and is not representative of all papers. Following are definitions of the information presented in the Prescriptions with their abbreviations.

Paper code: Each paper is identified by a seven character code. The first four characters are letters that denote the subject area (e.g. ACCT for Accounting, PHSI for Physics) followed by three numbers (beginning with 4 for 400-level papers, 5 for 500-level papers, and so on).

Teaching period: University papers are offered in a number of teaching periods throughout the year: some are offered in Summer School (SS), (January–February); most papers are offered in either the first semester (S1/February–June) or the second semester (S2/July–November); some are taught twice in the year, in each semester (ES); some are taught over both semesters on a full-year basis (FY); and some papers are taught in "non-standard" periods of various lengths (e.g. N1, N2) that do not match the usual teaching periods, and can be shorter or longer than a semester.

It is usually best to plan your year's study so that your workload is evenly spread.

EFTS (Equivalent full-time student): EFTS is a unit of measurement of a student's enrolment and is the basis of the funding system for the University. A typical full-time year's study equals 1.0 EFTS unit and the papers taken are fractions of that unit. In practice, a year's study will vary in EFTS value according to the papers studied. Your EFTS total is used to determine your eligibility for student loans and allowances.

Teaching method: is denoted by abbreviations.

OC: the paper is available on campus.

DL: the paper is available through distance learning.

Departmental permission (DP): Papers designated "DP" can be selected during paper selection but a place is not immediately guaranteed until the department concerned gives approval.

Supported by online learning management system (OL):

Teaching of the paper is supported by the use of an online learning management system (e.g. Blackboard). However, this does not necessarily mean that the paper is taught exclusively online. Many papers will use this in conjunction with on-campus lectures, laboratories and tutorials.

Points: Each paper is worth a particular number of points. To complete a degree you must accumulate a certain number of points with a minimum number required at the higher levels.

Prescription: Description of the academic content of an individual paper.

Prerequisite (P): Most papers beyond 100-level have particular prerequisites (requirements to be met before a paper or course may be taken). If you have not completed a prerequisite for a certain paper you will not normally be permitted to enrol in that paper.

Corequisite (C): Some papers have a corequisite (a paper that must be taken concurrently).

Restriction (R): Papers that have a large amount of content in common are often restricted against each other, so they cannot be credited to the same academic record.

Limited to (LT): Papers limited to certain qualifications may normally be taken only for those qualifications (some exceptions may be possible).

Recommended preparation (RP): Papers that should normally be taken before the paper concerned.

Recommended concurrent study (RC): Papers it is recommended you take at the same time.

Location (L): Indicates the campus at (or from) which a paper is taught. If no location is specified, the paper is taught at (or from) Dunedin. Other locations are specified – e.g. Christchurch, Wellington and Invercargill – including where a paper is taught at more than one location.

Note(s): These provide additional important information specific to the paper.

The following key is available at the bottom of every left-hand page to help you identify each term or abbreviation in the listings.

Key S1: first semester; S2: second semester; ES: each semester; FY: full year; SS: Summer School; N1-7: non-standard periods; NO: not offered in 2027; NO (20XX): not offered, expected to be offered in the year noted; OC: Paper is available on campus; DL: Paper is available by Distance Learning; DP: Departmental permission required; P: Prerequisite; C: Corequisite; PC: Prerequisite or corequisite; R: Restriction; LT: Limited to; RP: Recommended preparation; RC: Recommended concurrent study; L: Location paper is taught at, or from (if no location mentioned, paper is taught at, or from, Dunedin).

*Up-to-date information on non-standard periods, paper availability and class times is available at otago.ac.nz/courses/papers

A

Accounting

ACCT 504 Empirical and Methodological Aspects of Financial Accounting

S1 0.1667 EFTS OC 20 points
Empirical and methodological approaches to the issues underlying financial accounting and reporting, particularly from a financial economics point of view.

R ACCT 404

ACCT 510 Advanced Performance Management Accounting

NO 0.1667 EFTS OC 20 points
Examining and use and design of accounting performance management systems.

R ACCT 410

ACCT 514 Sustainability Accounting and Reporting

NO 0.1667 EFTS OC 20 points
A detailed overview of social and environmental accounting, and corporate sustainability reporting practices, including latest trends in corporate sustainability reporting.

R ACCT 414

ACCT 599 Special Topic

NO 0.1667 EFTS OC 20 points

ACFI 406 Advanced Financial Econometrics

S2 0.1667 EFTS OC 20 points
Provides an understanding of the methodology and techniques used in empirical research, enabling students to do independent research. Analysis and criticism of current empirical literature.

R FINC 406

ACFI 469 Special Topic: Real Estate Markets and Investments

SS 0.1667 EFTS OC 20 points
Introduction to real estate markets and investment analysis. Topics include financial modelling, valuation, real estate-based instruments, regulatory frameworks, and portfolio risk.

ACFI 525 Governance Issues in Accounting and Finance

NO 0.1667 EFTS OC 20 points
R FINC 425

Anaesthesia

Anaesthetics BMedSc(Hons) Thesis

FY 1 EFTS OC, DP 120 points
LT BMedSc(Hons)
L Dunedin, Christchurch

Anatomy

ANAT 451 Functional Human Anatomy

S2 0.1667 EFTS OC, DP 20 points

ANAT 452 Reproductive Biology

N1 0.1667 EFTS OC, DP 20 points

ANAT 453 Advanced Topics in Anatomical Science 1

ES 0.1667 EFTS OC, DP 20 points

ANAT 454 Neurobiology

S1 0.1667 EFTS OC, DP 20 points

ANAT 456 Developmental Biology

S1 0.1667 EFTS OC, DP 20 points

ANAT 457 Advanced Topics in Anatomical Science 2

S1 0.1667 EFTS OC, DP 20 points

ANAT 458 Current Topics in Anatomical Science

FY 0.1667 EFTS OC, DP 20 points

ANAT 480 Research Project

FY, N1 0.3333 EFTS OC, DP 40 points
A supervised project involving research and leading to the production of a research report.

R ANAT 481
LT PGDipSci

ANAT 490 Dissertation

FY, N1 0.5 EFTS OC, DP 60 points
A supervised project involving original research and leading to the production of a dissertation.

LT BA(Hons), BSc(Hons), PGDipArts, PGDipSci

ANAT 495 Master's Thesis Preparation

FY, N1 0.3333 EFTS OC, DP 40 points
Preparation of a thesis proposal/preliminary thesis research. Normally taken by students in the papers year for a Master's degree by papers and thesis.

LT MSc

Anatomy BMedSc(Hons) Thesis, full time

FY 1 EFTS OC, DP 120 points
LT BMedSc(Hons)

Anthropology

ANTH 405 Archaeological Excavation

N1 0.1667 EFTS OC 20 points
Advanced practical study of archaeological excavation and laboratory processing.

P ANTH 208 or ARCH 201 and 72 300-level ANTH or ARCH points

R ARCH 401

LT BA(Hons), PGDipArts, MA(Coursework), MArchP

Note: Students intending to enrol must contact the Department by 16 December. Attendance at a field school in February is compulsory.

ANTH 409 Material Culture Studies

FY 0.1667 EFTS OC 20 points
The study of cultural artefacts in archaeology and anthropology. Addresses practical problems of classification and laboratory analysis, as well as the interpretation of material symbolism, meaning and agency.

P 72 300-level ANTH or ARCH points

R ARCH 402

LT BA(Hons), PGDipArts, MA(Coursework), MArchP

ANTH 410 Special Topic: Archaeological Science

NO 0.1667 EFTS OC 20 points
A review of current methods and approaches in archaeological science. Students will learn to critically evaluate, analyse and effectively communicate archaeological data.

P 72 300-level ANTH points

ANTH 411 Special Topic:

NO 0.1667 EFTS OC 20 points
The paper draws on ethnographic approaches to understand how categories of development influence identity, and how contending meanings, assumptions and agendas play out in the international development industry.

P 72 300-level points

ANTH 413 Oceanic Prehistory

NO 0.1667 EFTS OC 20 points
Recent research and current projects involving Polynesia, Micronesia and Melanesia.

P 72 300-level ANTH or ARCH points

R ANTH 403, ARCH 403

ANTH 423 Bodies, Technologies and Medicines

FY 0.25 EFTS OC, DL 30 points
Anthropological analysis of what it means to be human in living and working with innovative medical technologies such as genetic testing, xenotransplantation, intensive care units, organ transfers and gender reassignment surgeries.

P 72 300-level ANTH or ARCH points
RP ANTH 322 or ANTH 323

Note: May not be credited together with ANTH 411 passed in 2002-2004.

ANTH 424 The Anthropology of Evil

NO 0.25 EFTS OC, DL 30 points
A cross-cultural and historical investigation of beliefs and activities seen as manifestations of evil in the world, drawing on ethnographic research, historical studies, and anthropological theory.

P 72 300-level ANTH or ARCH points

ANTH 425 Anthropology of Transnationalism and Diaspora

S1 0.25 EFTS OC 30 points
Anthropological and transnationalist perspectives on the global study of migration and diaspora of persons and things; draws on international ethnographic studies of migrants, refugees, sojourners, elites and other examples.

P 72 300-level ANTH points

ANTH 427 Archaeological Theory

FY 0.1667 EFTS OC 20 points
Study of anthropological and other scientific and sociocultural ideas as they relate to, inform, and frame archaeological research and practice. Theory in archaeological history.

P 72 300-level ANTH or ARCH points

R ANTH 426, ARCH 404

LT BA(Hons), PGDipArts, MA(Coursework), MArchP

Note: May not be credited together with ANTH 410 passed in 2012 or ARCH 410 passed in 2013.

ANTH 430 Advanced New Zealand Archaeology

S1 0.25 EFTS OC, DL 30 points
Critical evaluation of current issues in the archaeology of New Zealand's past.

P 72 300-level ARCH or ANTH points

R ARCH 304, ANTH 330

LT MArchP

Note: May not be credited together with ANTH 309 passed in 2011 or 2012.

ANTH 431 People, Culture and Development

NO 0.25 EFTS OC 30 points
Critically explores the cultural and social dynamics of development and international aid. Focusing on power and difference, the paper investigates issues of gender, empowerment, community-driven approaches, policy and indigenous worldviews.

P 72 300-level points

Note: May not be credited with ANTH 411 completed in 2021

ANTH 490 Dissertation

FY 0.5 EFTS OC 60 points
Supervised individual research on a topic in anthropology.
R ANTH 495, ARCH 490
LT BA(Hons), PGDipArts

ANTH 495 Dissertation

FY 0.5 EFTS OC 60 points
Supervised individual research on a topic in archaeology.
R ANTH 490, ARCH 490
LT BA(Hons), PGDipArts

ANTH 505 Advanced Archaeological Excavation

N1 0.25 EFTS OC, DL 30 points
Advanced study of archaeological excavation methods and excavation management.
LT MArchP

Note: Students intending to enrol must contact the Department by 16 December. Attendance at a field school in February is required, except under exceptional circumstances.

ANTH 550 Archaeology and Heritage Practice

S2 0.25 EFTS OC, DL 30 points
Understanding the application of archaeological approaches and methods in a heritage management context, with a focus on New Zealand and the Pacific.
LT MA(Coursework), MArchP

ANTH 590 Research Dissertation

N1, N2 0.5 EFTS OC, DP 60 points
A supervised research dissertation of up to 20,000 words on an approved topic.
LT MA(Coursework)

Applied Geology

APGE 480 Research Project

NO 0.3333 EFTS OC, DP 40 points
A supervised research project on an approved topic.
LT PGDipAppSc

APGE 490 Dissertation

NO 0.5 EFTS OC, DP 60 points
A supervised research dissertation on an approved topic.
LT BAppSc(Hons)

APGE 495 Master's Thesis Preparation

NO 0.3333 EFTS OC, DP 40 points
Preparation of a thesis proposal/preliminary thesis research. Normally taken by students in the papers year for a Master's degree by papers and thesis.
LT MAppSc

Aquaculture and Fisheries

AQFI 421 Advanced Aquaculture and Fisheries

FY 0.1667 EFTS OC, DL 20 points
Current issues in aquaculture and fisheries with an emphasis on New Zealand, including biological and ecosystem considerations, cultivation, vital rates of populations, and management approaches and methods.

AQFI 450 Special Topic

NO 0.1667 EFTS OC, DP 20 points
From time to time, staff may offer one-off specialised topics. Contact the department for details
LT BAppSc(Hons), PGDipAppSc, PGDipSc, MSc
Note: Enrolment subject to approval from the Head of Department.

AQFI 490 Dissertation

FY 0.5 EFTS OC 60 points
A supervised project involving original research and leading to the production of a dissertation
LT BAppSc(Hons)
Note: Carried out over 9 to 10 months, involving an average of 20 to 25 hours of work per week.

Archaeology

ARCH 590 Research Dissertation

N1, N2 0.5 EFTS OC, DL, DP 60 points
A supervised research dissertation of up to 20,000 words on an approved topic.
LT MArchP

Artificial Intelligence

AIML 401 Programming for Artificial Intelligence

N1 0.1667 EFTS OC 20 points
Programming for Artificial Intelligence using the Python programming language.

AIML 402 Advanced Artificial Intelligence

SS 0.1667 EFTS OC 20 points
Modern AI representation systems and problem-solving techniques with a particular emphasis on machine learning.
R COSC 343
Note: Students with limited programming experience should also take AIML 401

Aviation Medicine

AVME 711 Aviation Physiology

NO(2028) 0.25 EFTS DL 30 points
Altitude physiology; vision in aviation; vestibular forms of disorientation; central and visual forms of disorientation; long duration acceleration; effects of microgravity; circadian/sleep physiology; thermal physiology; ageing and performance.
LT PGCertCavMed, MHealSc, MAvMed
L Wellington

AVME 714 Clinical Aviation Medicine

NO(2028) 0.25 EFTS DL 30 points
Aeromedical risk management; medication in flying; otolaryngology; ophthalmology; neurology and neurosurgery; psychiatry; respiratory medicine and aviation; cardiology; general medical conditions and fitness to fly.
LT MAvMed, MHealSc, PGCertCavMed
L Wellington

AVME 715 Health, Work and Behaviour

S1 0.25 EFTS DL 30 points
Occupational mental health; mental illness and employment; psychological assessment; alcohol and other drugs; shift work and fatigue; occupational accidents; hazard control and safety; manual handling, ergonomics and occupational overuse injury; thermal stress.
LT MOccMed, MAvMed, MHealSc, PGCertOccMed, PGDipOccMed
L Wellington

AVME 716 Clinical Occupational Medicine

S2 0.25 EFTS DL 30 points
Occupational noise; lighting and vision; radiation and electrical hazards at work; occupational lung disorders; occupational allergy; occupational cancer; occupational and environmental toxicology; exposure measurement; occupational diving and compressed air at work.
LT MOccMed, MAvMed, MHealSc, PGCertOccMed, PGDipOccMed
L Wellington

AVME 717 Medical Logistics in Aeromedical Transport

S1 0.25 EFTS DL 30 points
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.
LT MAvMed, MHealSc, PGCertAeroRT, PGDipAeroRT, PGDipHealSc
L Wellington

AVME 718 Operational Aspects of Aeromedical Transport

S2 0.25 EFTS DL 30 points
Overview of aeromedical transport worldwide; modes of medical transport; helicopters used for medical transport; safety in and around helicopters; F/W aircraft used for medical transport; aircraft safety; the risks of air travel; aeromedical equipment; communications and co-ordination; operational limitations and constraints.
LT MAvMed, MHealSc, PGCertAeroRT, PGDipAeroRT, PGDipHealSc
L Wellington

AVME 719 Aeromedical Studies for Nurses and Paramedics

NO(2028) 0.25 EFTS DL 30 points
The aviation environment; principles and theory of aeromedical care; air ambulance/aeromedical operations; risk management in aeromedical retrieval and transportation work; critical reflection.
R AVMX 719
LT MAvMed, MHealSc, PGCertHealSc, PGDipHealSc
L Wellington

AVME 720 Clinical Analysis in Aeromedical Retrieval and Transport

S1 0.25 EFTS DL 30 points
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.
R AVMX 720
LT MAvMed, MHealSc, PGCertHealSc, PGDipHealSc
L Wellington

AVME 721 Clinical Care in the Air

NO(2028) 0.25 EFTS DL 30 points
Relating physiology, pathology and flight; general clinical concerns; cardiovascular patients; orthopaedic and trauma patients; burn patients; obstetric patients; aeromedical transport of children; miscellaneous conditions of concern; critical care in the air.
LT MAvMed, MHealSc, PGDipAeroRT, PGDipHealSc
L Wellington

AVME 722 Organisation of Aeromedical Systems

NO(2028) 0.25 EFTS DL 30 points
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.
LT MAvMed, MHealSc, PGDipAeroRT, PGDipHealSc
L Wellington

AVME 723 Managing Occupational Medicine

NO(2028) 0.25 EFTS DL 30 points
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; setting up and running an occupational medicine programme; quality assurance in occupational medicine.
LT MOccMed, MAvMed, MHealSc, PGDipOccMed
L Wellington

AVME 724 Health and Industry

NO(2028) 0.25 EFTS DL 30 points
Mining; nuclear power and other radiation work; agriculture and silviculture; chemical industries; international business; work in extreme environments and hazardous employment; petrochemical industries including oil and gas exploration; office work, general manufacturing and technical trades; environmental health.
LT MOccMed, MAvMed, MHealSc, PGDipOccMed
L Wellington

AVME 726 Special Topic

ES 0.25 EFTS DL 30 points
Supervised study in breadth and depth sufficient to submit a journal article for publication in an appropriate journal.
R AVMX 726
LT MAvMed, MHealSc, PGDipHealSc
L Wellington
Note: Admission to this paper requires the specific approval of the Course Director.

Key S1: first semester; S2: second semester; ES: each semester; FY: full year; SS: Summer School; N1-7: non-standard periods*; NO: not offered in 2027; NO (20XX): not offered, expected to be offered in the year noted; OC: Paper is available on campus; DL: Paper is available by Distance Learning; DP: Departmental permission required; P: Prerequisite; C: Corequisite; PC: Prerequisite or corequisite; R: Restriction; LT: Limited to; RP: Recommended preparation; RC: Recommended concurrent study; L: Location paper is taught at, or from (if no location mentioned, paper is taught at, or from, Dunedin).

*Up-to-date information on non-standard periods, paper availability and class times is available at otago.ac.nz/courses/papers

AVME 780 Research Project

ES 0.25 EFTS DL 30 points
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.

R AVME 780
LT MAVMed, MHealSc, PGDipAeroRT, PGDipOccMed
L Wellington

AVME 785 Research Methods

S1 0.25 EFTS DL 30 points
Research design, ethical issues, critical appraisal, qualitative and quantitative research approaches, and approaches to data analysis.

R AVME 885, HASC 419
LT MAVMed, MHealSc, PGDipAeroRT, PGDipHealSc, PGDipOccMed, MPHIC, MTravMed
L Wellington

AVME 801 Occupational Medicine Epidemiology and Biostatistics

S1 0.25 EFTS DL 30 points
Conducting a review; modern epidemiologic concepts and methods; critical appraisal; epidemiological study design; descriptive epidemiology; sampling and measurement; epidemiological analysis; inferential statistics; regression analysis.

LT MOccMed, MAVMed, MHealSc (Endorsed)
L Wellington

AVME 802 Vocational Rehabilitation

S2 0.25 EFTS DL 30 points
Conducting a review; workers' compensation; work rehabilitation; graduated return to work; functional capacity evaluation; activity prescription; psychosocial obstacles to return to work; work and workplace assessment; disability assessment.

R REHB 706 and REHX 706
LT MOccMed, MAVMed, MHealSc (Endorsed)
L Wellington

AVME 812 Human Performance

S2 0.25 EFTS DL 30 points
Medical investigation of aircraft accidents; short duration acceleration; noise, vibration and communication; survival and rescue; fatigue risk management; human performance; ergonomics and work performance; aviation toxicology; health promotion.

R AVME 712
LT MAVMed, MHealSc
L Wellington

AVME 813 Airport and Travel Health

S1 0.25 EFTS DL 30 points
Airport services; airline aviation medicine; passenger cabin safety; flight attendant health; airline catering; alcohol and drug issues in aviation; public health aspects of airline travel; traveller health; aeromedical transport systems.

R AVME 713
LT MAVMed, MHealSc
L Wellington

AVME 885 Application of Research Methods

S1 0.25 EFTS DL 30 points
Research design, ethical issues, critical appraisal, qualitative and quantitative research approaches, and approaches to data analysis.

R AVME 785, HASC 419
LT MAVMed, MHealSc, PGDipAeroRT, PGDipHealSc, PGDipOccMed, MPHIC, MTravMed
L Wellington

B

Biblical Studies

BIBS 411 Hebrew Old Testament Exegesis (Advanced)

FY 0.1667 EFTS OC, DL 20 points
R BIBX 411

BIBS 412 Special Topic: The Book of Job

S2 0.1667 EFTS OC, DL 20 points
A detailed study of the book of Job.
P One 300-level BIBS paper
LT BTheol(Hons), BA(Hons), PGDipThe PGDipArts, MThe, MMin, PGDipMin, DipGrad

Note: May not be credited with BIBS 315 when taken with the same content.

BIBS 413 God, Suffering and Justice (Advanced)

S1 0.1667 EFTS OC, DL 20 points
A detailed study of texts from the Hebrew Bible and related literature that wrestles with the problem of how God can be regarded as just in the face of the reality of suffering.

R BIBS 317, BIBX 317, BIBX 413
LT BA(Hons), PGDipArts, PGCertChap, PGDipChap, MChap, BTheol(Hons), PGDipThe, MThe, PGDipMin, MMin

BIBS 421 Greek New Testament Exegesis (Advanced)

FY 0.1667 EFTS OC, DL 20 points
R BIBX 421

BIBS 423 Special Topic: Women in the New Testament and Early Church

S1 0.1667 EFTS OC, DL 20 points
An exploration of New Testament women's participation in and contributions to the Christian story in the first century, as well as Christian women's participation in the intellectual, liturgical, ascetic, and monastic arenas of the emerging church.

R BIBS 324

BIBS 480 Research Essay

FY, N1 0.1667 EFTS OC, DL 20 points
Topic in Biblical Studies chosen by student in consultation with supervisor.

R BIBX 480
LT BA(Hons), BTheol(Hons), PGDipArts, PGDipTheol

BIBS 490 Dissertation

FY, N1 0.5 EFTS OC, DL 60 points
Supervised individual research on a topic in Biblical studies.

R BIBX 490
LT BA(Hons), BTheol(Hons), PGDipArts, PGDipTheol

Biochemistry

BIOC 461 Research Design and Analysis in Biochemistry

FY 0.1667 EFTS OC, DP 20 points

BIOC 462 Molecular Biology

S1 0.1667 EFTS OC, DP 20 points

BIOC 463 Contemporary Technologies in Biochemistry

S2 0.1667 EFTS OC, DP 20 points

BIOC 464 Applied Biochemistry

FY 0.1667 EFTS OC, DP 20 points

Note: Normally available only to 400-level MSc and PGDipSci students based in the Biochemistry Department.

BIOC 480 Research Project

FY 0.3333 EFTS OC, DP 40 points
A supervised project involving research and leading to the production of a research report.

R BIOC 481
LT PGDipSci

BIOC 490 Dissertation

FY 0.5 EFTS OC, DP 60 points
A supervised project involving original research and leading to the production of a dissertation.

LT BAppSc(Hons), BSc(Hons), PGDipSci

BIOC 495 Master's Thesis Preparation

FY 0.3333 EFTS OC, DP 40 points
Preparation of a thesis proposal/preliminary thesis research. Normally taken by students in the papers year for a Master's degree by papers and thesis.

LT MSc

Biochemistry BMedSc(Hons) Thesis full-time

FY 1 EFTS OC 120 points
LT BMedSc(Hons)

Bioengineering

BIOE 401 Research Methods

FY 0.1667 EFTS OC 20 points
Evaluation and application of research methods in Bioengineering.

R CLTE 453, CLTX 453, DETE 401

BIOE 403 Bioengineering Design

FY 0.1667 EFTS OC 20 points
Design for a medical/bioengineering application resulting in a product, system, process or communication outcome. Emphasis on materials, technology, instrumentation and interface for unmet bioengineering needs.

R DETE 402

Note: Design paper offerings are currently being reviewed.

BIOE 404 Medical Devices and Technology

FY 0.1667 EFTS OC, DL 20 points
Design and fabrication theory for medical devices and associated technologies. Investigating choice of materials/biomaterials, processing techniques and performance. Use and application of the medical devices and technologies.

LT MSc, MAppSc, PGDipAppSc, PGCertAppSc

Note: May not be credited together with BIOE 402 passed in 2016 or 2017.

BIOE 405 Regenerative Medicine and Stem Cells

FY 0.1667 EFTS OC, DL 20 points
Designing regenerative medicine therapies via combining biomaterials engineering principles and stem cell biology, e.g. technologies in regenerative medical strategies.

LT MSc, MAppSc, PGDipAppSc, PGCertAppSc, PGDipSci

Note: May not be credited with BIOE 402 completed 2019 to 2021.

BIOC 480 Research Project

FY 0.3333 EFTS OC 40 points
A supervised project involving research and leading to the production of a research report.

LT MAppSc, PGDipAppSc, PGCertAppSc

BIOC 495 Master's Thesis Preparation

FY 0.3333 EFTS OC 40 points
Preparation of a thesis proposal/preliminary thesis research. Normally taken by students in the papers year for a Master's degree by papers and thesis.

LT MSc

Bioethics

BITC 401 Theories of Biomedical Ethics

S1 0.25 EFTS DL 30 points
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.

Note: There is one residential weekend held in Dunedin. Attendance is expected.

BITC 403 Issues in Law, Ethics and Medicine

S1 0.125 EFTS DL 15 points
Current issues in bioethics and medical law with reference to theories about actual and desirable relationship of law, morals, and the biomedical sciences.

Note: There is one residential weekend held in Dunedin. Attendance is expected.

BITC 404 Ethics and Health Care

S2 0.25 EFTS DL 30 points
The ethical dimensions of major areas of contention and themes in health care and its provision such as beginning and end of life issues, resource allocation, animals and ethics, mental illness and ethics, new and emerging technologies, genetics and ethics.

BITC 405 Bioethics in Clinical Practice

S2 0.25 EFTS DL 30 points
Ethical issues arising at the heart of clinical practice concerning matters such as obtaining consent, holding confidences, maintaining professional boundaries and managing multiple roles.

Note: There is one residential weekend held in Dunedin. Attendance is expected.

BITC 406 Health Research Ethics

S2 0.125 EFTS DL 15 points
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.

BITC 407 Advanced Health Research Ethics

NO 0.125 EFTS DL 15 points
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.

BITC 412 Special Topic

NO 0.125 EFTS OC 15 points
Topics change year to year.

BITC 790 MHealSc Dissertation

ES, FY, N1, N2 0.5 EFTS OC 60 points
A supervised dissertation of up to 20,000 words presenting the results of an original research project on a relevant topic in the student's area of interest within bioethics.

LT MHealSc

BITC 890 MBHL Dissertation

ES, FY, N1, N2 0.5 EFTS OC 60 points
A supervised dissertation of up to 20,000 words presenting the results of an original research project on a relevant topic in the student's area of interest within bioethics and health law.

LT MBHL

Bioethics BMedSc(Hons) Thesis, full time

FY 1 EFTS OC 120 points
LT BMedSc(Hons)

Bioinformatics

BINF 701 Introduction to Clinical Bioinformatics

S1 0.125 EFTS DL 15 points
An introduction to practical hands-on learning of computer literacy and programming skills needed in the clinical environment together with the theoretical background.

Biological Anthropology

BIOA 401 Advanced Biological Anthropology

FY 0.1667 EFTS OC 20 points
Advanced studies in biological anthropology, with a particular emphasis on human variation in the South Pacific and Southeast Asia - molecular and biocultural approaches.

P BIOA 301

Biomedical Sciences

Research in Drugs and Human Health

N1 1.0 EFTS OC 120 points
Entails supervised laboratory projects involving original research and leading to the production of a thesis. Seminars, essays and a literature survey in areas of biomedical sciences that form the background to work undertaken in the research project.
L Dunedin, Christchurch, Wellington

Research in Functional Human Biology

N1 1.0 EFTS OC 120 points
Entails supervised laboratory projects involving original research and leading to the production of a thesis. Seminars, essays and a literature survey in areas of biomedical sciences that form the background to work undertaken in the research project.
L Dunedin, Christchurch, Wellington

Research in Infection and Immunity

N1 1.0 EFTS OC 120 points
Entails supervised laboratory projects involving original research and leading to the production of a thesis. Seminars, essays and a literature survey in areas of biomedical sciences that form the background to work undertaken in the research project.
L Dunedin, Christchurch, Wellington

Research in Molecular Basis of Health and Disease

N1 1.0 EFTS OC 120 points
Entails supervised laboratory projects involving original research and leading to the production of a thesis. Seminars, essays and a literature survey in areas of biomedical sciences that form the background to work undertaken in the research project.
L Dunedin, Christchurch, Wellington

Research in Nutrition and Metabolism in Human Health

N1 1.0 EFTS OC 120 points
Entails supervised laboratory projects involving original research and leading to the production of a thesis. Seminars, essays and a literature survey in areas of biomedical sciences that form the background to work undertaken in the research project.
L Dunedin, Christchurch, Wellington

Research in Reproduction, Genetics and Development

N1 1.0 EFTS OC 120 points
Entails supervised laboratory projects involving original research and leading to the production of a thesis. Seminars, essays and a literature survey in areas of biomedical sciences that form the background to work undertaken in the research project.
L Dunedin, Christchurch, Wellington

Botany

BTNY 461 Plant Physiology and Biotechnology

S1 0.1667 EFTS OC 20 points
The biology, physiology and biotechnology of plants.

BTNY 465 Plant and Environment

S2 0.1667 EFTS OC 20 points
The physiological ecology of marine, freshwater and terrestrial plants.

BTNY 467 New Zealand Plant Ecology and Evolution

S2 0.1667 EFTS OC 20 points
The ecology and evolution of plants, with especial emphasis on New Zealand plants, their history, their environment and their interactions with animals.

BTNY 469 Principles of Nature Conservation

S1 0.1667 EFTS OC 20 points
The application of ecological principles to nature conservation.

BTNY 470 Special Topic

NO 0.1667 EFTS OC, DP 20 points
Advanced study of special topics in Botany.

BTNY 480 Research Project

FY, N1, N2 0.3333 EFTS OC 40 points
A supervised project involving research and leading to the production of a research report.

R BTNY 481
LT PGDipSci

Note: Carried out over 9 to 10 months, involving an average of 12 to 13 hours of work per week.

BTNY 490 Dissertation

FY, N1, N2 0.5 EFTS OC 60 points
A supervised project involving original research and leading to the production of a dissertation.
LT BSc(Hons), PGDipSci

Note: Carried out over 9 to 10 months, involving an average of 16 to 18 hours of work per week.

BTNY 495 Master's Thesis Preparation

FY, N1, N2 0.3333 EFTS OC 40 points
Preparation of a thesis proposal/preliminary thesis research. Normally taken by students in the papers year for a Master's degree by papers and thesis.
LT MSc

Note: Carried out over 9 to 10 months, involving an average of 12 to 13 hours of work per week.

Business Administration

BDBA 901 Organisational Leadership for Change

N1 0.1667 EFTS OC, DL 20 points
The principles of leadership styles and success; how attitudes can impact on individual and organisational performance; corporate cultures; the principles of organisational change; how it is implemented and leading change.

LT DBA

Note: This paper includes a compulsory on-campus component.

BDBA 902 Organisational Psychology

N1 0.1667 EFTS OC, DL 20 points
The principles of organisational psychology, the role of emotional intelligence, the realities of group dynamics and group behaviour, intergroup conflict and cooperation.

LT DBA

Note: This paper includes a compulsory on-campus component.

Key

S1: first semester; S2: second semester; ES: each semester; FY: full year; SS: Summer School; N1-7: non-standard periods*; NO: not offered in 2027; NO (20XX): not offered, expected to be offered in the year noted; OC: Paper is available on campus; DL: Paper is available by Distance Learning; DP: Departmental permission required; P: Prerequisite; C: Corequisite; PC: Prerequisite or corequisite; R: Restriction; LT: Limited to; RP: Recommended preparation; RC: Recommended concurrent study; L: Location paper is taught at, or from (if no location mentioned, paper is taught at, or from, Dunedin).

*Up-to-date information on non-standard periods, paper availability and class times is available at otago.ac.nz/courses/papers

BDBA 903 Globalisation and International Trade

N1 0.1667 EFTS OC, DL 20 points
Critical issues in the operation of multi-national businesses, including currency hedging, information security, sustainability, tax havens, risk, and changing geo-economic power.

LT DBA

Note: This paper includes a compulsory on-campus component

BDBA 904 Contemporary Issues in Finance

NO 0.1667 EFTS OC, DL 20 points
An investigation of contemporary issues in micro-finance, examining Fin-Tech, behavioural finance, financial regulation, finance and monetary policy and emerging market finance.

LT DBA

Note: This paper includes a compulsory on-campus component

BDBA 905 Research Methodology I

N1 0.1667 EFTS OC, DL 20 points
The research process from the theories of research epistemologies through generating research ideas and developing a research design.

LT DBA

Note: This paper includes a compulsory on-campus component

BDBA 906 Research Methodology II

N1 0.1667 EFTS OC, DL 20 points
The practice of undertaking research from selecting a methodology through primary data collection and using secondary data, including statistics and big-data analysis.

LT DBA

Note: This paper includes a compulsory on-campus component

BDBA 907 Socially Responsible Business

N1 0.1667 EFTS OC, DL 20 points
An examination of business principles and practices with a strong focus on attributes such as ethics, social awareness, responsibility and sustainability.

LT DBA

Note: This paper includes a compulsory on-campus component

BDBA 908 Sustainable Business

N1 0.1667 EFTS OC, DL 20 points
Examines how businesses are responding to sustainability and climate change in the current socio-economic context and encourages students to create alternative scenarios of future business worlds.

LT DBA

Note: This paper includes a compulsory on-campus component

BDBA 912 Systems Thinking and Practice

N1 0.1667 EFTS OC, DL 20 points
Examines the tools and thinking necessary to deal with uncertainty and complexity in business. Provides students with critical awareness of dynamic changes in business environments.

LT DBA

BDBA 913 Governance and Evidence-Informed Decision Making

N1 0.1667 EFTS OC, DL 20 points
The principles of organisational governance and data-informed decision making, including collaborative governance, data governance and the importance of evidence-informed and ethical decision making.

LT DBA

BDBA 914 Leveraging Knowledge for practice

N1 0.1667 OC, DL 20 points
Focuses on how academic theory and research evidence are critically appraised, applied, and developed through professional practice to address complex, real-world organisational and policy problems in diverse contexts.

BMBA 501 Business Law

N2, N3, N5 0.125 EFTS OC, DL, DP 15 points
Key basic legal and governance principles and frameworks, which are commonly present and crucially important in commercial transactions and business situations generally.

R CMBA 501

LT PGDipBusAdmin, MBA, PGDipHealMgt, MHealSc, PGDipFBLM, MFBLM

L Dunedin, Auckland

BMBA 502 Markets and Value Creation

N3, N5, N6 0.125 EFTS OC, DL, DP 15 points
An introduction to marketing fundamental principles, the key impact of marketing in differing economic environments, and marketing communications in different business strategies.

R CMBA 502

LT PGDipBusAdmin, MBA, PGDipHealMgt, MHealSc, PGCertEM, PGDipEM, PGDipFBLM, MFBLM

BMBA 503 Transformational Leadership

N2, N3, N6 0.125 EFTS OC, DL, DP 15 points
The fundamental principles of transformational leadership, the impact of perception and motivation on individual and group performance, and how attitudes can impact on work experience and organisational performance.

R CMBA 503

LT PGDipBusAdmin, MBA, PGDipHealMgt, MHealSc, PGCertEM, PGDipEM, PGDipFBLM, MFBLM

BMBA 505 Business Economics

N3, N4, N7 0.125 EFTS OC, DL, DP 15 points
Basic economic concepts and frameworks, an overview of Macroeconomic principles, and useful tools and techniques to make sense of the business world.

R CMBA 505

LT PGDipBusAdmin, MBA, PGDipHealMgt, MHealSc, PGCertEM, PGDipEM, PGDipFBLM, MFBLM

L Dunedin, Auckland

BMBA 506 People and Culture

N1, N5, N7 0.125 EFTS OC, DL, DP 15 points
How HRM can contribute to the survival, adaptation and growth of organisations and a critical management perspective of HRM practices in order to make better management decisions.

R CMBA 506

LT PGDipBusAdmin, MBA, PGDipHealMgt, MHealSc, PGCertEM, PGDipEM, PGDipFBLM, MFBLM

BMBA 507 Accounting

N1, N2, N6 0.125 EFTS OC, DL, DP 15 points
The basis of measurement and valuation used in financial and management accounting, and views on the different accounting approaches to support business decisions.

R CMBA 507

LT PGDipBusAdmin, MBA, PGDipHealMgt, MHealSc, PGCertEM, PGDipEM, PGDipFBLM, MFBLM

BMBA 508 Investment and Global Financial Markets

N3, N4, N7 0.125 EFTS OC, DL, DP 15 points
International financial markets, corporate governance, the time value of money, capital asset pricing models, and financial planning and risk management.

R CMBA 508

LT PGDipBusAdmin, MBA, PGDipHealMgt, MHealSc, PGCertEM, PGDipEM, PGDipFBLM, MFBLM

BMBA 509 Strategic Planning for International Markets

N2, N5, N6 0.125 EFTS OC, DL, DP 15 points
The integration of strategic business functions and processes by which business leaders prepare their firms for growth, and typical problems faced in planning for business growth.

R CMBA 509

LT PGDipBusAdmin, MBA, PGDipHealMgt, MHealSc, PGCertEM, PGDipEM, PGDipFBLM, MFBLM

BMBA 510 Leading Sustainable Enterprises

N4, N7 0.125 EFTS OC, DL, DP 15 points
Concepts and approaches to provide an appreciation of sustainability and sustainable development in relation to business, and the legal, institutional, national and global contexts of sustainability.

R CMBA 510

LT PGDipBusAdmin, MBA, PGDipHealMgt, MHealSc, PGCertEM, PGDipEM, PGDipFBLM, MFBLM

BMBA 511 Operational Excellence

N5, N6 0.125 EFTS OC, DL, DP 15 points
Key management decisions in areas of operations strategy, supply chain configuration and quality management, and techniques to analyse operational implications in different business sectors.

R CMBA 511

LT PGDipBusAdmin, MBA, PGDipHealMgt, MHealSc, PGCertEM, PGDipEM, PGDipFBLM, MFBLM

L Dunedin, Auckland

BMBA 512 International Business

N4, N7 0.125 EFTS OC, DL, DP 15 points
Business organisations in a global context, and the diverse approaches of firms and companies in various global markets and locations.

R CMBA 512

LT PGDipBusAdmin, MBA, PGDipHealMgt, MHealSc, PGCertEM, PGDipEM, PGDipFBLM, MFBLM

BMBA 513 Strategy Implementation

N6, N7 0.125 EFTS OC, DL, DP 15 points
The success factors relating to strategy implementation, the importance of sales and cash flow management, and the skills required to execute a strategic plan and present under pressure.

R CMBA 513

LT PGDipBusAdmin, MBA, PGDipHealMgt, MHealSc, PGCertEM, PGDipEM, PGDipFBLM, MFBLM

L Dunedin, Auckland

BMBA 550 MBA Elective Papers

NO 0.5 EFTS OC, DL, DP 60 points
This component of the MBA programme is a grouping of approved elective papers.

LT MBA

BMBA 571 Advanced Topics in Strategy 1

N1 0.0833 EFTS OC, DL, DP 10 points
Provides an advanced understanding of the formulation, integration and execution of business strategies through the application of contemporary analytical frameworks to deal with complex implementation challenges.

LT MBA

BMBA 572 Advanced Topics in Strategy 2

N1 0.0833 EFTS OC, DL, DP 10 points
Advances understanding of strategic business issues by evaluating the nature of organisational agility and examining how an 'outside-in' strategy remains central to navigating dynamic and complex environments.

LT MBA

BMBA 573 Advanced Topics in Strategy 3

N1 0.0833 EFTS OC, DL, DP 10 points
Explores and evaluates applications of machine learning and artificial intelligence within business contexts and how these may be utilised to inform business strategy.

LT MBA

BMBA 574 Advanced Topics in Strategy 4

NO 0.0833 EFTS OC, DL, DP 10 points
Provides an advanced knowledge and understanding of the frameworks involved in developing strategies for enterprises that have a social, environmental or non-profit focus.

LT MBA

BMBA 575 Advanced Topics in Marketing 1

NO 0.0833 EFTS OC, DL, DP 10 points
Examines and evaluates how digital technologies have reshaped all aspects of marketing and critically assesses the importance of digital marketing to the organisation.

LT MBA

BMBA 576 Advanced Topics in Marketing 2

N1 0.0833 EFTS OC, DL, DP 10 points
Identifies and examines key elements of services and evaluates how these may be leveraged by firms within different market contexts to gain competitive advantage.
LT MBA

BMBA 577 Advanced Topics in Marketing 3

NO 0.0833 EFTS OC, DL, DP 10 points
Evaluates components of brand, interpersonal and network based relationships and explores how these may be applied within both consumer and business markets to gain competitive advantage.
LT MBA

BMBA 578 Advanced Topics in Marketing 4

NO 0.0833 EFTS OC, DL, DP 10 points
Explores and evaluates key issues in organisational communication, including factors that influence relationships between an organisation and its internal and external stakeholders.
LT MBA

BMBA 579 Advanced Topics in International Business 1

N1 0.0833 EFTS OC, DL, DP 10 points
Provides an advanced understanding of macro-environmental challenges that businesses operating internationally face and the organisational frameworks and concepts that may be adopted to address these.
LT MBA

BMBA 580 Advanced Topics in International Business 2

NO 0.0833 EFTS OC, DL, DP 10 points
Explores the influences on firm decisions to internationalise and evaluates entry strategies for overseas markets including exporting, licensing and joint-ventures.
LT MBA

BMBA 581 Advanced Topics in International Business 3

N1 0.0833 EFTS OC, DL, DP 10 points
Examines the risks, challenges and opportunities of conducting business in the Asia Pacific region and how these may be evaluated and addressed.
LT MBA

BMBA 582 Advanced Topics in International Business 4

NO 0.0833 EFTS OC, DL, DP 10 points
Evaluates frameworks for developing value chains within global marketplaces with a particular focus on embedding resilience and efficiency to enable the management of critical incidents.
LT MBA

BUSC 510 General Management Concepts

NO 0.125 EFTS OC 15 points
Introduction to the latest concepts and practices in the different general management areas including finance for non-financial managers, marketing management, communication skills, and strategic management.
R BUSC 515
LT PGCertEM, PGDipEM

BUSC 511 Strategic Thinking

N1 0.125 EFTS OC 15 points
Gives participants the knowledge and skills to help make their organisations more competitive, and to provide a planning format that can guide the formulation and implementation of competitive business strategies.
LT PGCertEM, PGDipEM

BUSC 512 Enhancing Leadership

N1 0.125 EFTS OC 15 points
The current theory and implications for good leadership, including the characteristics of high-quality leadership. Team leadership, leading the performance of subordinates, understanding corporate culture and leading organisational change will be examined.
LT PGCertEM, PGDipEM

BUSC 513 Marketing – Creating Value For Customers

NO 0.125 EFTS OC 15 points
The role, function and scope of marketing as it exists within the firm and also as it relates to other employees and stakeholders, including the process and issues involved in developing and implementing a marketing plan.
LT PGCertEM, PGDipEM

BUSC 516 Managing People and Performance

N1 0.125 EFTS OC 15 points
Current models of strategic Human Capital management, rewards systems, performance management, training and development, employment law and human rights.
LT PGCertEM, PGDipEM

BUSC 517 Finance for Non-Financial Managers

NO 0.125 EFTS OC 15 points
A seminar for non-financial managers which will guide participants through the key concepts of corporate finance and accounting to better understand factors that affect firm performance.
LT PGCertEM, PGDipEM

BUSC 518 Innovation and Entrepreneurship

NO 0.125 EFTS OC 15 points
The current theory and implication for corporate entrepreneurship strategies including product development and new venture planning. Strategic innovation, opportunity recognition, protecting intellectual property and understanding innovation and entrepreneurship culture will be examined.
LT PGCertEM, PGDipEM

BUSC 520 The Art of Labour Negotiations

NO 0.125 EFTS OC 15 points
An intensive, experience-based paper looking at collective bargaining philosophy and law, conventions and ethics, strategies and tactics, practices and procedures. Participants will work through all of the processes in an intensive week of hands-on bargaining.
LT PGCertEM, PGDipEM

BUSC 523 Corporate Sustainability

NO 0.125 EFTS OC 15 points
An intensive paper looking at sustainability and business in general, climate change, emissions trading, carbon and ecological footprints. The participants will work through key aspects in measuring and managing for sustainability.
LT PGCertEM, PGDipEM

BUSC 524 Project Management

N1 0.125 EFTS OC 15 points
An intensive paper looking at a systematic presentation and analysis of the approaches, techniques and tools used in project management.
LT PGCertEM, PGDipEM

BUSC 590 Business Project in Executive Management

NO 0.25 EFTS OC 30 points
P Six BUSC papers
LT PGDipEM

BUSI 540 Professional Consulting Engagement

N2, N4 0.5 EFTS OC, DL, DP 60 points
Students work with clients to understand their business and apply course materials to a real business problem. Both the ability to manage the project process and final report are marked.
R CBUS 540
LT MBA

Business Studies

BSNS 411 Business Principles for the 21st Century

N1, N2 0.0833 EFTS DL, OC, DP 10 points
Introduction to the key business themes central to all post-graduate programmes across the Otago Business School. Focuses on ethics, indigeneity, diversity, inclusivity, sustainability, and technology.

Note: The distance occurrences of this paper are only available to students enrolled in the MSusBus programme and the subject of Human Resource Management (HRM) in the MBus.

BSNS 412 Research Skills and Methods 1

N1, N2 0.0833 EFTS DL, OC, DP 10 points
Introduces students to the research process, encompassing searching for, interpreting and analysing literature, ethical research, developing research questions, and sources and types of data.

BSNS 413 Research Skills and Methods 2

S2, N1 0.1667 EFTS DL, OC, DP 20 points
Introduces students to qualitative and quantitative data collection, sampling, analysis and the research process.
PC BSNS 412

Note: The distance occurrences of this paper are only available to students enrolled in the MSusBus programme and the subject of Human Resource Management (HRM) in the MBus.

BSNS 580 Applied Project

N1, N2, N3 0.3333 EFTS DL, OC, DP 40 points
A research-based investigation of a business (as broadly defined) problem (real or simulated).
R BSNS 590

Note: The distance occurrences of this paper are only available to students enrolled in the MSusBus programme and the subject of Human Resource Management (HRM) in the MBus.

BSNS 590 Dissertation

N1, N2, N3, N6, N7 0.5 EFTS OC, DL, DP 60 points
Production of an independent piece of research under the guidance of an expert supervisor.
R BSNS 580

Notes: (i) Any distance occurrences of this paper are only available to students enrolled in the MSusBus. (ii) The distance occurrences of this paper are only available to students enrolled in the MSusBus programme and the subject of Human Resource Management (HRM) in the MBus.

C

Chemistry

CHEM 460 Advanced Topics in Chemistry and Practice

FY, N1 0.1667 EFTS OC 20 points
Selected topics that develop advanced knowledge and skills in chemistry for application in the workplace.

CHEM 461 Advanced Topics in Physical and Analytical Chemistry

S1, FY, N1 0.1667 EFTS OC 20 points
Selected topics in physical and analytical chemistry that may include spectroscopy, photochemistry, quantum mechanics, computational chemistry, instrumental analysis, astrochemistry, biosensors, marine and atmospheric chemistry.

Key S1: first semester; S2: second semester; ES: each semester; FY: full year; SS: Summer School; N1-7: non-standard periods*; NO: not offered in 2027; NO (20XX): not offered, expected to be offered in the year noted; OC: Paper is available on campus; DL: Paper is available by Distance Learning; DP: Departmental permission required; P: Prerequisite; C: Corequisite; PC: Prerequisite or corequisite; R: Restriction; LT: Limited to; RP: Recommended preparation; RC: Recommended concurrent study; L: Location paper is taught at, or from (if no location mentioned, paper is taught at, or from, Dunedin).

*Up-to-date information on non-standard periods, paper availability and class times is available at otago.ac.nz/courses/papers

CHEM 462 Advanced Topics in Organic and Biological Chemistry

S1, FY, N1 0.1667 EFTS OC 20 points
Selected topics in inorganic and biological chemistry that may include total synthesis, natural products chemistry, drug design and synthesis, enzyme action and inhibition, nucleosides and nucleic acids, medicinal chemistry, carbon-rich materials.

CHEM 463 Advanced Topics in Inorganic and Structural Chemistry

S1, FY, N1 0.1667 EFTS OC 20 points
Selected topics in inorganic and structural chemistry that may include supramolecular chemistry, magnetically-interesting complexes, light-harvesting complexes, nanochemistry, solid state and porous materials, advanced crystallography.

CHEM 464 Advanced Research Methods in Chemistry

FY, N1 0.1667 EFTS OC 20 points
A guided literature survey, analysis and writing exercise in an area of chemistry that forms the background to work undertaken in the research project.

LT PGDipSci, MSc

CHEM 480 Research Project

FY, N1 0.3333 EFTS OC 40 points
A supervised project involving research and leading to the production of a research report.

R CHEM 481
LT PGDipSci

CHEM 490 Dissertation

FY, N1 0.5 EFTS OC 60 points
A supervised project involving original research and leading to the production of a dissertation.

LT BSc(Hons), PGDipSci

CHEM 495 Master's Thesis Preparation

FY, N1 0.3333 EFTS OC 40 points
Preparation of a thesis proposal/preliminary thesis research. Normally taken by students in the papers year for a Master's degree by papers and thesis.

LT MSc

Child Health

CHHE 701 Community Child Health

N1, N2 0.25 EFTS DL 30 points
Community aspects of child health and child health services.

R CHHX 701
LT DCH, MHealSc, PGDipHealSc

Note: A compulsory paper for DCH; may also be taken by other approved health professionals.

CHHE 702 Clinical Attachment in Paediatrics

N1, N2 0.75 EFTS DL, DP 90 points
Develops clinical knowledge, skills and attitudes concerning paediatrics and child health to a postgraduate level appropriate for a general practitioner with a special interest in children. Topics covered include neonatal paediatrics and general paediatrics in inpatient and outpatient settings.

R CHHX 702
LT DCH
L Dunedin, Christchurch, Wellington

Note: A compulsory paper for DCH; may also be taken by other approved medical graduates; every student must hold a current six-month clinical position in a medical paediatric department of an approved New Zealand hospital during the period of the course.

Christian Thought and History

CHTH 403 The Puritans: Working out the English Reformation

NO 0.1667 EFTS DL 20 points
The nature, aspirations and theology of sixteenth and seventeenth-century English Puritans in their historical context, including those Puritans who moved to New England to build 'a city on a hill'.

LT BTheol(Hons), BA(Hons), PGDipThe PGDipArts

CHTH 405 The Roots of Public Theology

S1 0.1667 EFTS OC, DL 20 points
Biblical and patristic roots of public theology; the contribution to public theology by thinkers and activists from the 16th-20th century.

P One 300-level CHTH or CHTX paper
R CHTX 305, CHTH 305

CHTH 415 Reconciliation, Christian Ethics and Public Theology (Advanced)

NO 0.1667 EFTS OC, DL 20 points
The challenges posed by social reconciliation in different countries in recent times, and their relevance to Christian Ethics and Public Theology.

R CHTH 319
LT BA(Hons), PGDipArts, PGCertChap, PGDipChap, MChap, PGDipFBLM, MFBLM, BTheol(Hons), PGDipThe MThe PGDipMin, MMin

CHTH 416 The Theology of Bonhoeffer

NO 0.1667 EFTS DL 20 points
A close reading of selected texts from Dietrich Bonhoeffer's corpus concerning his account of 'what Christianity really is, or indeed who Christ really is, for us today'.

LT BTheol(Hons), BA(Hons), PGDipThe PGDipArts, PGCertChap, PGDipChap and MChap.

Note: May not be credited together with CHTH 430 or CHTX 430 passed in 2010, 2012 or 2014.

CHTH 420 Public Theology and Social Justice (Advanced)

NO 0.1667 EFTS OC, DL 20 points
An examination of public theology's contribution to social justice, through case studies of contemporary public issues, such as poverty, family violence, human trafficking, and environmental stewardship.

R CHTH 320
LT BA(Hons), PGDipArts, PGCertChap, PGDipChap, MChap, PGDipFBLM, MFBLM, BTheol(Hons), PGDipThe MThe PGDipMin, MMin

CHTH 423 Theology and Human Well-being (Advanced)

NO 0.1667 EFTS OC, DL 20 points
An investigation of Christian understandings of what it is to be human and their implications for human well-being in contemporary society.

R CHTH 323
LT BA(Hons), PGDipArts, PGCertChap, PGDipChap, MChap, PGDipFBLM, MFBLM, BTheol(Hons), PGDipThe MThe PGDipMin, MMin

Note: May not be credited together with CHTH 215 or CHTH 315 passed before 2013.

CHTH 424 Theology, Money and Markets (Advanced)

NO 0.1667 EFTS OC, DL 20 points
This paper explores what the Christian theological tradition offers to economic questions and reflects on its relevance for the future evolution of global capitalism.

R CHTH 338

Note: May not be credited together with CHTH 225/335 taken in 2021 or 2023.

CHTH 480 Research Essay

FY, N1 0.1667 EFTS OC, DL 20 points
Topic in Christian Thought and History chosen by student in consultation with supervisor.

R CHTX 480
LT BA(Hons), BTheol(Hons), PGDipArts, PGDipTheol

CHTH 490 Dissertation

FY, N1 0.5 EFTS OC, DL 60 points
Supervised individual research on a topic in Christian thought and history.

R CHTX 490
LT BA(Hons), BTheol(Hons), PGDipArts, PGDipTheol

Classics

CLAS 440 Advanced Studies in Socrates and Plato

NO 0.1667 EFTS OC 20 points
An advanced study of the philosophy of Socrates and Plato. Topics covered include love, death, the soul, virtue, knowledge, happiness, and the nature of reality.

P 72 300-level CLAS, GREK or LATN points or 36 PHIL points at 200-level or above
R CLAS 340

CLAS 441 Advanced Studies in Alexander's Successors

S1 0.1667 EFTS OC 20 points
An advanced study of the decades after Alexander's death. Topics covered include historical sources, military tactics, chronology, Hellenistic kingship, ancient coinage.

P 72 300-level CLAS, GREK or LATN points
R CLAS 341

CLAS 443 Archaeology, History and the End of Rome

S2 0.1667 EFTS OC 20 points
An advanced investigation into the relationship between contemporary perspectives on the end of the Roman Empire and the archaeological and historical sources.

P 72 300-level CLAS, GREK or LATN points
R CLAS 343

CLAS 444 From Augustus to Nero: Advanced Studies

NO 0.1667 EFTS OC 20 points
An advanced study of the literary and numismatic sources that document the rise to power of the Julio-Claudian emperors.

P 72 300-level CLAS, GREK or LATN points
R CLAS 344
LT BA(Hons), PGDipArts

CLAS 448 Sacred Mountains, Unfriendly Seas: Environments in Greek Literature (Advanced)

NO 0.1667 EFTS OC 20 points
Examines human interactions with the natural environment in Ancient Greek epic, lyric, and tragic poetry from the interdisciplinary perspective of the environmental humanities.

P 18 200-level CLAS, GREK, LATN points, or 54 points, or one of (ENGL 233, ENVI 211, GEOG 280, PHIL 235, POLS 207)
R CLAS 348

Note: May not be credited with CLAS 460 passed in 2024.

CLAS 449 Life and Laughter in Roman Literature (Advanced)

NO 0.1667 EFTS OC 20 points
Examines Roman poetry, focusing on Roman comedy. Topics include the experiences of women and the enslaved, the genre as foundational to Western romance and comedy, and theatre and performance.

P 72 300-level CLAS, GREK or LATN points
R CLAS 349
LT BA(Hons), PGDipArts, MA(Coursework)

CLAS 460 Special Topic

NO 0.1667 EFTS OC 20 points
Topics change year to year.

P 18 300-level CLAS, GREK or LATN points
R CLAS 330

CLAS 480 Research Paper

ES 0.1667 EFTS OC 20 points
Supervised research on an approved topic in Classical Studies, Greek or Latin.

P 72 300-level CLAS, GREK or LATN points
LT BA(Hons), PGDipArts

CLAS 490 Dissertation

FY, N1 0.5 EFTS OC 60 points
Supervised research on an approved topic in Classical Studies, Greek or Latin.

P 72 300-level CLAS, GREK or LATN points
LT BA(Hons), PGDipArts

CLAS 590 Research Dissertation

N1, N2 0.5 EFTS OC, DL, DP 60 points
A supervised research dissertation of up to 20,000 words on an approved topic.

LT MA(Coursework)

Clinical Dentistry

CLDN 910 Research Evaluation and Design

N1 0.5 EFTS OC 60 points
Scientific basis of dental research; design and completion of a research protocol.

LT DCLinDent

CLDN 920 Clinical Practice - Research Evidence

N1 0.5 EFTS OC 60 points
Critical evaluation of the scientific evidence for clinical practice; development of clinical competencies in specialist disciplines of clinical dental practice.

LT DCLinDent

Cognitive Behaviour Therapy

COBE 401 Cognitive Behaviour Therapy

FY 0.5 EFTS OC 60 points
Application of Cognitive Behaviour Therapy to common mental health disorders, anxiety, depression, substance abuse and psychotic disorders. Participants are required to be employed by a DHB, or a Ministry of Health funded PHO or NGO in a supervised clinical mental health setting.

LT MHealSc, PGCertHealSc, PGDipHealSc
L Wellington

COBE 404 Advanced Topics in Cognitive Behaviour Therapy

FY 0.5 EFTS DL 60 points
Advanced Cognitive Behaviour Therapy training in assessment and interventions with complex cases in mental health and addictions.

P COBE 401
LT MHealSc, PGDipHealSc
L Wellington

Notes: (i) Students who have not completed the normal prerequisite may enrol in the paper with the approval of the Head of the Department of Psychological Medicine, Wellington, according to ability and qualifications. This approval will be granted only to applicants who already have training in cognitive behaviour therapy that is equal to or exceeds the content, level and value of COBE 401. (ii) The paper includes three residential block courses in Wellington, each one week in duration. (iii) Students must be working at least 0.6 FTE in a mental health setting in order to have access to patients to complete practical work.

Cognitive Science

COGS 495 Master's Thesis Preparation

FY 0.2 EFTS OC 24 points
Preparation of a thesis proposal/preliminary thesis research. Normally taken by students in the papers year for a Master's degree by papers and thesis.

LT MSc

COGS 515 Special Topic

FY 0.2 EFTS OC 24 points
LT MSc

Community Dentistry

COMD 701 Research Methods and Dental Epidemiology

NO 0.5 EFTS OC 60 points
Research methodology, dental epidemiology, information management, the distribution and determinants of oral diseases and health.

LT PGDipComDent

COMD 702 Dental Health Services

N1 0.5 EFTS OC 60 points
The sociology of oral health, oral health promotion, the provision of oral health care, and the nature and functioning of New Zealand's oral health services.

LT PGDipComDent

COMD 801 Research Methods and Dental Epidemiology

NO 0.5 EFTS OC 60 points
Research methodology, dental epidemiology, information management, the distribution and determinants of oral diseases and health.

R COMD 856
LT MComDent

COMD 802 Dental Health Services

N1 0.5 EFTS OC 60 points
The sociology of oral health, oral health promotion, the provision of oral health care, and the nature and functioning of New Zealand's oral health services.

R COMD 852
LT MComDent

COMD 830 MComDent Special Topics

NO 0.5 EFTS OC 60 points
LT MComDent

Computational Modelling

COMO 480 Research Project

FY 0.3333 EFTS OC 40 points
A supervised project involving research and leading to the production of a research report.

R COMO 481
LT BAppSc(Hons), PGDipAppSc

Computer and Information Science

COMP 421 Machine Learning and Data Mining

S2 0.1667 EFTS OC, DL 20 points
Principles and algorithms of machine learning techniques and their use in data mining; application case studies on business intelligence, software engineering, computer networking, and pattern recognition etc.; new research trends.

R INFx 411, INFO 411

COMP 422 Applied Artificial Intelligence

S1 0.1667 EFTS OC, DL 20 points
Evaluate and apply appropriate Artificial Intelligence (AI) methods to solve a diverse range of complex problems. Emphasis is on group work, effectiveness of the solution, and its presentation.

R COMP 322

COMP 423 Deep Learning

S2 0.1667 EFTS OC, DL 20 points
Introduction to deep learning methods for computation with artificial neural networks and applications to image/natural language processing.

R COSC 420

COMP 424 Information Retrieval and Natural Language Processing

S1 0.1667 EFTS OC, DL 20 points
The foundations of various information retrieval and natural language processing techniques, including the use of large language models, to understand and retrieve information in a large repository.

R COSC 431

QC Arts and Music, Commerce, Science

COMP 425 Advanced Visual Computing

S2 0.1667 EFTS OC, DL 20 points
Selected recent research topics in computer vision and computer graphics.

R COSC 450

SC Arts and Music, Science

COMP 427 Agent-based Software Technologies

S2 0.1667 EFTS OC, DL 20 points
Types of agents including reactive agents, communicating agents and rational agents. Topics include agent communication languages, agent internal architectures, agent platform architectures and services, ontologies and ontology services, interaction protocols, calability issues, agent based design and development, agent-based software interoperability, and applications of agent technology.

R COSC 344, COSC 444, DATA 403

SC Arts and Music, Commerce, Science

COMP 428 High Performance Scientific Computing

S2, OC, 20 points
Tools, algorithms, and methods used in the processing of large-scale compute problems encountered in areas such as bioinformatics, genomics, natural language processing, and artificial intelligence.

COMP 480 Applied Project

FY 0.3333 EFTS OC, DL 40 points
An approved project on a topic in computer science.

R COMP 490, COSC 480, COSC 490, INFO 490, SENG 490

COMP 490 Dissertation

FY 0.3333 EFTS OC, DL 40 points
A supervised project involving original research and leading to the production of a dissertation.

R COMP 480, COSC 480, COSC 490, INFO 490, SENG 490

LT BSc(Hons), MSc, PGDipSci

DATA 403 Data Management

S1 0.1667 EFTS OC, DL 20 points
Topics in data management, including database performance, distributed data management, data for analytics, and data ethics.

R COSC 344, COSC 444, DATA 303 (new dual level paper in 2027)

DATA 404 Management of Large-Scale Data

S1 0.1667 EFTS OC, DL 20 points
A study of advanced topics relating to the management of extremely large-scale data sets ('big data').

R INFO 408

DATA 490 Dissertation

FY 0.3333 EFTS OC 40 points
A supervised project involving original research and leading to the production of a dissertation.

LT BSc(Hons), MSc(Thesis)

Key S1: first semester; S2: second semester; ES: each semester; FY: full year; SS: Summer School; N1-7: non-standard periods*; NO: not offered in 2027; NO (20XX): not offered, expected to be offered in the year noted; OC: Paper is available on campus; DL: Paper is available by Distance Learning; DP: Departmental permission required; P: Prerequisite; C: Corequisite; PC: Prerequisite or corequisite; R: Restriction; LT: Limited to; RP: Recommended preparation; RC: Recommended concurrent study; L: Location paper is taught at, or from (if no location mentioned, paper is taught at, or from, Dunedin).

*Up-to-date information on non-standard periods, paper availability and class times is available at otago.ac.nz/courses/papers

Computer Science

COSC 402 Advanced Computer Networks

S2 0.1667 EFTS OC 20 points
Internetworking concepts; IP addressing; address resolution techniques; IP datagrams; IP encapsulation, fragmentation, and reassembly; TCP and UDP; the socket interface; IP routing; network mail; IP version 6; TCP/IP network planning multimedia and IP.

P COSC 244 or COSC 301 or TELE 301
R TELE 402
RP COSC 242

COSC 412 Advanced Cryptography and Security

S2 0.1667 EFTS OC 20 points
Theory of cryptography including public key systems and its use in computer security. Consideration of cryptographic methods in the context of complexity theory.

R COSC 312

COSC 440 Advanced Operating Systems

S2 0.1667 EFTS OC 20 points
Enhance the concepts, principles, and algorithms in operating systems with real implementations.

COSC 470 Special Topic: Machine Learning

NO 0.1667 EFTS OC 20 points
Selected research topics in machine learning.

COSC 471 Approved Special Paper

NO 0.1667 EFTS OC 20 points

Continence Management

CTMG 401 Pathophysiology of Incontinence

S1 0.25 EFTS DL 30 points
Epidemiology, anatomical and physiological concepts of urinary and faecal continence and incontinence. Diagnostic tests.

R CTMX 401
LT MHealSc, PGCertHealSc, PGDipHealSc
L Christchurch

CTMG 402 Management for Continence

S2 0.25 EFTS DL 30 points
Conservative and surgical treatments available, their rationale and efficacy. Establishing a continence clinic; the principles of assessing results.

P CTMG 401
R CTMX 402
LT MHealSc, PGCertHealSc, PGDipHealSc
L Christchurch

Criminology

CRIM 401 Debates in Criminology

S2 0.25 EFTS OC 30 points
Exploring key debates in criminological theory and criminal justice practice.

P 72 300-level CRIM points

Note: Students who have not passed the normal prerequisite may be admitted with approval from the Programme Co-ordinator.

CRIM 420 Criminal Justice, Representation and the News

N1 0.25 EFTS OC 30 points
Taught as an Inside-Out paper bringing together campus and incarcerated students, this paper analyses the role of the media in shaping criminal justice perspectives and policy.

P 54 300-level CRIM points
R CRIM 320

Note: Selection criteria for both campus and incarcerated students involves an interview to determine suitability to study in the Inside-Out environment. Some requirements may be waived for incarcerated students at the discretion of the course coordinator and the learning interventions delivery manager at OCF.

CRIM 490 Dissertation

FY, N2 0.50 EFTS OC 60 points
A supervised research dissertation of up to 20,000 words on an approved topic.

P 72 300-level CRIM points
LT BA(Hons), PGDipArts

CRIM 590 Research Dissertation

N1, N2 0.50 EFTS OC, DP 60 points
A supervised research dissertation of up to 20,000 words on an approved topic.
LT MA(Coursework)

D

Dental Technology

DTEC 401 Denture Prosthodontics 1

FY 0.375 EFTS OC 45 points
Treatment of patients who have removable dentures with a focus on complete dentures.

LT PGDipCDTech

DTEC 402 Denture Prosthodontics 2

FY 0.375 EFTS OC 45 points
Treatment of patients who have removable dentures with a focus on partial dentures.

LT PGDipCDTech

DTEC 403 Dental Health

FY 0.25 EFTS OC 30 points
Knowledge and competencies necessary for the safe treatment of patients.

LT PGDipCDTech

DTEC 411 Dental Technology Research for Honours

FY 0.3333 EFTS OC 40 points
Original scientific enquiry relevant to dental technology featuring recognised research methodologies, providing students with a comprehensive experience in developing and conducting a research project.

P DTEC 101, DTEC 111, DTEC 201, DTEC 311
LT BDentTech(Hons)

DTEC 412 Dental Technology Practice

FY 0.6667 EFTS OC 80 points
Integration of knowledge and practical skills to be competent in the delivery of prostheses to individuals in the community.

P DTEC 102, DTEC 202, DTEC 203, DTEC 302, DTEC 312
LT BDentTech(Hons)

Dentistry (Oral Health)

DEOH 401 Adult Restorative Dental Care

N1 0.5 EFTS DL 60 points
The knowledge and competencies to enable registered and practising dental therapists and oral health therapists to provide restorative care to patients aged 18 years and older.

P DEOH 201

Note: Prerequisite may be waived for students with particular prior education or experience. Please contact university@otago.ac.nz for more information.

DEOH 501 Advanced Principles of Oral Health I

FY 0.5 EFTS OC, DL 60 points
The development of an advanced level of knowledge, patient management, diagnostic and operative skills and social awareness within the scopes of dental hygiene and dental therapy practice.

LT MOH

DEOH 502 Advanced Principles of Oral Health II

FY 0.5 EFTS OC, DL 60 points
The development, implementation and evaluation of an oral health promotion project for a specific group.

LT MOH

DEOH 580 Research Dissertation

FY 0.5 EFTS OC, DL 60 points
Overview of research techniques. Preparation of research proposal, data collection and analysis, completion of research project and presentation of research dissertation.

R DEOH 581
LT MOH

DEOH 581 Research Dissertation

FY 0.25 EFTS OC, DL 60 points
A full-year paper representing half of DEOH580 (taken by MOH students completing their dissertation over two years). Overview of research techniques. Preparation of research proposal, data collection and analysis, completion of research project and presentation of research dissertation.
R DEOH 580
LT MOH

Digital Health

DIGH 701 Principles of Digital Health and Informatics

S1 0.25 EFTS DL 30 points
Advanced study of the strategies and frameworks that support the development and safe application of digital and information systems technology in healthcare.

R HEIN 701, HEIN 702

DIGH 703 Digital Health Technologies and Systems

S1 0.25 EFTS DL 30 points
Advanced techniques, processes, skills and tools required to inform the development and safe application of digital and information systems technology in healthcare.

R HEIN 703

DIGH 706 Research Methods for Digital Health

NO 0.25 EFTS DL 30 points
Introduction to all aspects of the process of research, with a special emphasis on study designs common in Digital Health, health informatics and biomedical research.

R HEIN 706, HEIX 706

DIGH 707 Digital Health Information Governance and Ethics

S2 0.25 EFTS DL 30 points
Introduces the concepts of ethics and moral behaviour as it relates to the governance of Digital Health and health informatics.

R HEIN 707, HEIX 707

DIGH 708 Patient-Centred Digital Health

S2 0.125 EFTS DL 15 points
Advanced study of the transformation of healthcare for patients through home-based digital health technologies such as telemedicine, self-monitoring and wearables.

P DIGH 701, DIGH 703

DIGH 709 Emerging Technologies in Digital Health

S2 0.125 EFTS DL 15 points
Advanced study of the role of deep technologies such as artificial intelligence, robotics and biotechnology to improve health services and patient outcomes.

P DIGH 701, DIGH 703

Digital Humanities

DHUM 403 When Machines Decide

S2 0.1667 EFTS OC 20 points
Analysis of social, ethical, and legal issues arising from artificial intelligence and data science. Topics include bias, transparency, contr data sovereignty, employment and regulation. No knowledge of data science is assumed.

Digital Technologies

DIGI 411 Digital Governance

S1 0.1667 EFTS OC 20 points
Develops the theoretical and practical skills required from future Digital Leaders, focusing on digital governance, management of advanced technology teams, and evaluation and oversight of emerging technology deployment.

LT MDigittech

DIGI 412 Emerging Digital Technologies

S1 0.1667 EFTS OC 20 points
Explores frameworks and analytical skills for evaluating, adopting, and managing emerging digital technologies within organisational and societal contexts, preparing professionals to navigate both current innovations and future technological change.

LT MDigittech

DIGI 413 Artificial Intelligence and Data Science

S1 0.1667 EFTS OC 20 points
Examines the principles, methods, and applications of artificial intelligence and data science, enabling professionals to interpret, design, and apply data-driven approaches to complex organisational and societal challenges.

LT MDigitech

DIGI 414 Cybersecurity

S2 0.1667 EFTS OC 20 points
Examines principles and technologies underpinning the management of digital security risks, preparing professionals to design, assess, and oversee secure systems that protect information assets and sustain organisational and societal trust.

LT MDigitech

DIGI 511 Digital Technology Case Study

S2 0.1667 EFTS OC 20 points
Students will work alongside industry partners to investigate and address authentic digital technology challenges. Emphasises collaboration, practical problem-solving including applications of design-thinking in developing solutions, and translation of academic knowledge into professional outcomes relevant to the digital sector.

LT MDigitech

DIGI 512 Leading with Digital Technology

S2 0.1667 EFTS OC 20 points
Develops the strategic and leadership capabilities needed to lead effectively in technology-rich organisations. Students will explore digital strategy, change management, and innovation leadership, preparing them to lead teams and embrace digital opportunities in an evolving technological landscape.

LT MDigitech

E

Ecology

ECOL 411 Reading Ecology

S1 0.1667 EFTS OC, DP 20 points
Builds the skills needed by postgraduates in ecology. This includes deep engagement with the literature and context for a student's research area. Workshops will develop scientific skills including research methodologies and data analyses.

ECOL 450 Special Topic: Special Topics in Tropical Ecology

NO 0.1667 EFTS OC, DP 20 points
Topics change year to year.
P ECOL 314

ECOL 480 Research Project

FY, N1 0.3333 EFTS OC, DP 40 points
A supervised project involving research and leading to the production of a research report.
LT PGDipSci

ECOL 490 Dissertation

FY, N1 0.5 EFTS OC, DP 60 points
A supervised project involving original research and leading to the production of a dissertation.
LT BSc(Hons), PGDipSci

ECOL 495 Master's Thesis Preparation

FY, N1 0.3333 EFTS OC, DP 40 points
Preparation of a thesis proposal/preliminary thesis research. Normally taken by students in the papers year for a Master's degree by papers and thesis.
LT MSc

Economics

ECON 410 Advanced Microeconomic Theory

S1 0.1667 EFTS OC 20 points
Advanced analysis of microeconomic models of consumer choice, production theory, market equilibrium, and social choice and welfare.

ECON 411 Advanced Macroeconomic Theory

S2 0.1667 EFTS OC 20 points
A modern approach to macroeconomic theory with an emphasis on the microeconomic foundation of macroeconomic models.

ECON 412 Macroeconometrics

S2 0.1667 EFTS OC 20 points
Advanced time-series and nonstationary panel econometric techniques.

ECON 413 Microeconometrics

S1 0.1667 EFTS OC 20 points
Advanced cross-sectional and panel econometric techniques.

ECON 416 Economic Policy and Policy Evaluation

S1 0.1667 EFTS OC 20 points
Provides a comprehensive introduction to methods for economic policy assessment, including quantitative and qualitative tools for evaluating policy design, implementation, and outcomes.

ECON 480 Dissertation

FY 0.3333 EFTS OC 40 points
A research dissertation of between 8,000 and 12,000 words.
R ECON 492
LT BA(Hons), BCom(Hons), BSc(Hons), PGDipArts, PGDipSc

ECON 485 Master's Thesis Preparation

ES, FY 0.1667 EFTS OC 20 points
Preparation of a thesis proposal/preliminary thesis research. Normally taken by students in the papers year for a Master's degree by papers and thesis.
R ECON 480, ECON 492
LT MA, MSc

ECON 492 Dissertation for Philosophy, Politics and Economics

FY 0.5 EFTS OC 60 points
A research dissertation of between 15,000 and 20,000 words. Cross-disciplinary dissertation topics are encouraged.
R ECON 480, ECON 485
LT BA(Hons), PGDipArts

ECON 505 The Economics of Natural Resources and Public Choice

NO 0.1667 EFTS OC 20 points
Covers advanced topics in natural resource economics (including dynamic optimisation of harvest/depletion rates, fisheries policy and multi-species modelling) and the economics of collective decision-making.

ECON 507 Topics in Advanced Economics

S2 0.1667 EFTS OC 20 points
Covers advanced topics in macro and/or micro economics.

ECON 508 Current Issues in Economics

S1 0.1667 EFTS OC 20 points
Explores contemporary issues in economics and real-world economic challenges, combining theoretical insights with evidence-based analysis to evaluate policy and economic outcomes.
PC One of ECON 410, ECON 411, ECON 412, ECON 413 or ECON 416

ECON 509 Economic Policy in the Pacific

N1 0.1667 EFTS OC 20 points
Provides a comprehensive overview of economic policy in the Pacific across sectors including fiscal, monetary, trade, development, and social policy, with a focus on policy effectiveness and regional economic challenges.

Education

EDDC 911 Doctor of Education Coursework

N1 0.25 EFTS OC, DL 60 points
Engages students in critical reflection on their professional practice and prepares them for their thesis and research to practice portfolio research.
LT EdD
Note: Students must enrol for EDDC 911 twice: in the second half of the first year of study and the first half of the second year of study.

EDUC 401 Education in Historical Perspective

NO 0.25 EFTS DL 30 points
An introduction to the principles and practice of education history, with a comparative focus on New Zealand and other Western contexts informed by social, cultural, gender and transnational histories.
LT PGCertEdLn, PGDipEdLn, MEdLn, BA(Hons), PGDipArts, MA(Coursework), MA(Thesis)
Note: Students outside of the approved programmes, with 54 300-level EDUC points, may be admitted with approval from the Dean of the College of Education.

EDUC 402 Current Issues in Education

S1 0.25 EFTS DL 30 points
An introduction to postgraduate study and its required academic skills through discussion and critical evaluation of national and international trends in education.
LT PGCertEdLn, PGDipEdLn, MEdLn, BA(Hons), PGDipArts, MA(Coursework), MA(Thesis)
Note: Students outside of the approved programmes, with 54 300-level EDUC points, may be admitted with approval from the Dean of the College of Education.

EDUC 403 Perspectives on Teaching and Learning

S2 0.25 EFTS DL 30 points
An exploration of current theory and research on learning and teaching relevant to a broad range of educational settings.
LT PGCertEdLn, PGDipEdLn, MEdLn, BA(Hons), PGDipArts, MA(Coursework), MA(Thesis)
Note: Students outside of the approved programmes, with 54 300-level EDUC points, may be admitted with approval from the Dean of the College of Education.

EDUC 411 Conceptualising and Designing Quality Educational Research

S1 0.25 EFTS DL 30 points
Issues of research design and methodology for students who are studying policy, practice and professional issues in education.
LT PGCertEdLn, PGDipEdLn, MEdLn, BA(Hons), PGDipArts, MA(Coursework), MA(Thesis)
Note: Students outside of the approved programmes, with 54 300-level EDUC points, may be admitted with approval from the Dean of the College of Education.

EDUC 422 Quantitative Research Methods in Education

FY 0.25 EFTS OC 30 points
Provides training in the methods necessary for understanding and conducting quantitative research in education.
LT PGCertEdLn, PGDipEdLn, MEdLn, BA(Hons), PGDipArts, MA(Coursework), MA(Thesis)
Note: Students outside of the approved programmes, with 54 300-level EDUC points, may be admitted with approval from the Dean of the College of Education.

Key S1: first semester; S2: second semester; ES: each semester; FY: full year; SS: Summer School; N1-7: non-standard periods*; NO: not offered in 2027; NO (20XX): not offered, expected to be offered in the year noted; OC: Paper is available on campus; DL: Paper is available by Distance Learning; DP: Departmental permission required; P: Prerequisite; C: Corequisite; PC: Prerequisite or corequisite; R: Restriction; LT: Limited to; RP: Recommended preparation; RC: Recommended concurrent study; L: Location paper is taught at, or from (if no location mentioned, paper is taught at, or from, Dunedin).

*Up-to-date information on non-standard periods, paper availability and class times is available at otago.ac.nz/courses/papers

EDUC 423 Technology-enhanced Learning

FY 0.25 EFTS DL 30 points
Introduces various theoretical perspectives on the use of technology to enhance teaching and learning and discusses the practical issues resulting from this. Issues on knowledge construction and creation, and the culture of change, are also considered.

LT PGCertEdLn, PGDipEdLn, MEdLn, BA(Hons), PGDipArts, MA(Coursework), MA(Thesis)

Note: Students outside of the approved programmes, with 54 300-level EDUC points, may be admitted with approval from the Dean of the College of Education.

EDUC 427 Qualitative Research

NO 0.25 EFTS OC 30 points
An introduction to the theory and practice of qualitative research. Students are guided through the key stages of conducting qualitative research on an education topic of their choice.

LT PGCertEdLn, PGDipEdLn, MEdLn, BA(Hons), PGDipArts, MA(Coursework), MA(Thesis)

Notes: (i) Students outside of the approved programmes, with 54 300-level EDUC points, may be admitted with approval from the Dean of the College of Education. (ii) This paper is normally available in alternate years.

EDUC 428 Special Topic: Research to Practice

S1 0.0833 EFTS OC, DL 10 points
A small-scale inquiry connecting research, theory, and student learning with educational practice.

LT PGCertEdLn, PGDipEdLn, MEdLn, BA(Hons), PGDipArts, MA(Coursework), MA(Thesis)

Note: Students outside of the approved programmes, with 54 300-level EDUC points, may be admitted with approval from the Dean of the College of Education.

EDUC 431 Special Topic

NO 0.25 EFTS DL 30 points
LT PGCertEdLn, PGDipEdLn, MEdLn, BA(Hons), PGDipArts, MA(Coursework), MA(Thesis)

Note: Students outside of the approved programmes, with 54 300-level EDUC points, may be admitted with approval from the Dean of the College of Education.

EDUC 433 Special Topic: Education Research into Policy and Practice

S1 0.1667 EFTS OC 20 points
Explores the translation of education research to policy and practice.

LT PGCertEdLn, PGDipEdLn, MEdLn, BA(Hons), PGDipArts, MA(Coursework), MA(Thesis)

EDUC 436 Research Essay

FY 0.25 EFTS DL 30 points
An examination of recent research, concepts, and theories related to an education-based topic. Students will follow an independent supervised course of study.

LT PGCertEdLn, PGDipEdLn, MEdLn, BA(Hons), PGDipArts, MA(Coursework), MA(Thesis)

EDUC 438 Leadership for Learning

FY 0.25 EFTS DL 30 points
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. This paper uses print-based material and the Internet as the principal delivery systems.

LT PGCertEdLn, PGDipEdLn, MEdLn, BA(Hons), PGDipArts, MA(Coursework), MA(Thesis)

Notes (i) Students outside of the approved programmes, with 54 300-level EDUC points, may be admitted with approval from the Dean of the College of Education. (ii) This paper is normally available in alternate years.

EDUC 444 Pacific Education Issues: Culture, Identity and Schooling

NO 0.25 EFTS DL 30 points
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.

LT PGCertEdLn, PGDipEdLn, MEdLn, BA(Hons), PGDipArts, MA(Coursework), MA(Thesis)

Note: Students outside of the approved programmes, with 54 300-level EDUC points, may be admitted with approval from the Dean of the College of Education.

EDUC 451 Inclusive Education

NO 0.25 EFTS DL 30 points
Inclusive education from the perspectives of children with special needs and those who support them throughout the education system.

LT PGCertEdLn, PGDipEdLn, MEdLn, BA(Hons), PGDipArts, MA(Coursework), MA(Thesis)

Note: Students outside of the approved programmes, with 54 300-level EDUC points, may be admitted with approval from the Dean of the College of Education.

EDUC 459 Equality, Diversity and Education

NO 0.25 EFTS DL 30 points
Investigates theories of equality and applies them to poverty, gender, ethnicity, culture and ability. Critically addresses the question of why educators should be concerned about societal inequalities.

LT PGCertEdLn, PGDipEdLn, MEdLn, BA(Hons), PGDipArts, MA(Coursework), MA(Thesis)

Note: Students outside of the approved programmes, with 54 300-level EDUC points, may be admitted with approval from the Dean of the College of Education.

EDUC 461 The Construction of Curriculum in Early Childhood Education

FY 0.25 EFTS DL 30 points
Critically considers how early years curriculum policy and practice serves the interests of diverse children, families, education settings, and pedagogical practices.

EDUC 462 Mentoring Teachers

S1 0.25 EFTS DL 30 points
Critical examination of mentoring practice related to professional growth of teachers at all levels.

LT PGCertEdLn, PGDipEdLn, MEdLn, BA(Hons), PGDipArts, MA(Coursework), MA(Thesis)

Notes: (i) Students who have not passed the normal prerequisite may be admitted with approval from the Dean of the College of Education. (ii) May not be credited with EDUX 433 passed in 2011 or 2012.

EDUC 464 Writing Journal Articles for Publication

S1 0.25 EFTS OC 30 points
Students will be guided through the process of writing a journal article, reporting their own data, ready for submission by the end of the course.

LT MEdLn, MA(Coursework), MA(Thesis)

Note: Students outside of the approved programmes, with 54 300-level EDUC points, may be admitted with approval from the Dean of the College of Education.

EDUC 465 Advanced Studies in Curriculum

NO 0.25 EFTS DL 30 points
Examines and critiques schooling curriculum policy and practice in Aotearoa/New Zealand including key learning theories and documents that underpin curriculum within the teaching profession.

EDUC 471 Teaching in an Aotearoa New Zealand Context

N1 0.25 EFTS OC 30 points
Examines and critiques the education system in Aotearoa and the learning theories and key documents that underpin development as a member of the teaching profession.

LT MTchgLn

EDUC 472 Primary Curriculum 1

N1 0.25 EFTS OC 30 points
Engaging across curriculum learning areas and developing pedagogically appropriate teaching approaches.

LT MTchgLn

Note: Primary Education only.

EDUC 473 Professional Experience (Primary)

N1 0.25 EFTS OC 30 points
Design evidence-informed learning interventions and use teaching strategies across curriculum learning areas that demonstrate decision-making skills, reflexive practice, personal teaching growth and development.

LT MTchgLn

Note: Primary Education only.

EDUC 476 Diversity and Inclusion

N1 0.25 EFTS OC 30 points
Development of student teachers' critical understanding, knowledge and enactment of socially just, inclusive pedagogies that are responsive to and respectful of learner diversity within the education system.

LT MTchgLn

EDUC 477 Secondary Curriculum 1

N1 0.25 EFTS OC 30 points
Engaging with specified curriculum learning areas and developing pedagogically appropriate teaching approaches.

LT MTchgLn

Note: Secondary Education only.

EDUC 478 Professional Experience (Secondary)

N1 0.25 EFTS OC 30 points
Design evidence-informed learning experiences and use responsive, adaptive teaching strategies that foster a learning-focused culture and professional relationships in the secondary school context.

LT MTchgLn

Note: Secondary Education students only.

EDUC 480 Research Study

FY 0.3333 EFTS OC, DL 40 points
Independent in-depth exploration of an educational issue, comprising either a review of relevant literature, or completion of a study approved by the Dean of the College of Education.

LT BA(Hons), PGDipArts, MA(Thesis)

Note: Students outside of the approved programmes, with 54 300-level EDUC points, may be admitted with approval from the Dean of the College of Education.

EDUC 495 Thought in Action

S1 0.1667 EFTS DL 20 points
Students make explicit links between research, theory, and practice, reflecting on how their learning experiences continue to influence their practice.

PC EDUC 590, EDUC 591 or EDUC 592

LT MEdLn

Note: Students outside of the approved programmes, with 54 300-level EDUC points, may be admitted with approval from the Dean of the College of Education.

EDUC 572 Primary Curriculum 2

N1 0.25 EFTS OC 30 points
Extending and broadening curriculum knowledge and pedagogically appropriate teaching approaches across curriculum learning areas.

P EDUC 472

LT MTchgLn

Note: Primary Education students only.

EDUC 577 Secondary Curriculum 2

N1 0.25 EFTS OC 30 points
Extending and broadening curriculum knowledge and pedagogically appropriate teaching approaches in specified curriculum areas.

P EDUC 477

LT MTchgLn

Note: Secondary Education students only.

EDUC 579 Evidence-based Inquiry

N1 0.25 EFTS OC 30 points
Develops students' skills as critically reflective and researching practitioners. Students propose, conduct, and present research into their developing professional practice; reflecting on their personal and professional philosophy of teaching.

PC EDUC 473 or EDUC 475 or EDUC 478

LT MTchgLn

EDUC 580 Research Dissertation

N1, N2 0.5 EFTS OC, DL, DP 60 points
A supervised research dissertation of up to 25,000 words on an approved topic.

PC EDUC 411, EDUC 412, EDUC 422, or EDUC 427

R EDUX 580

LT MA(Coursework)

Notes: (i) Students outside of the approved programmes, with 54 300-level EDUC points, may be admitted with approval from the Dean of the College of Education. (ii) The duration of this paper is 50 weeks.

EDUC 590 Professional Practice Portfolio

FY 0.5 EFTS DL 60 points
Aims at developing students' professional skills as teachers. Students will engage in critical reflection on their professional practice by documenting their goals, growth, achievement, and professional attributes developed throughout the course of study.

PC EDUC 411 or EDUC 412
LT MEdLn

Notes: (i) Students outside of the approved programmes, with 54 300-level EDUC points, may be admitted with approval from the Dean of the College of Education. (ii) The duration of this paper is 50 weeks.

EDUC 591 Research Project

FY 0.3333 EFTS DL 40 points
A supervised research dissertation of up to 15,000 words on an approved topic.

PC EDUC 411 or EDUC 412
LT MEdLn

Notes: (i) Students outside of the approved programmes, with 54 300-level EDUC points, may be admitted with approval from the Dean of the College of Education. (ii) The duration of this paper is 50 weeks.

EDUC 592 Professional Inquiry

FY 0.3333 EFTS DL 40 points
Development of professional skills as a teacher and engagement in critical reflection on professional practice by documenting goals, growth, achievement, and professional attributes developed throughout the course of study. Requires students to identify a need in their profession.

PC EDUC 411 or EDUC 412
LT MEdLn

Notes: (i) Students outside of the approved programmes, with 54 300-level EDUC points, may be admitted with approval from the Dean of the College of Education. (ii) The duration of this paper is 12 months (50 weeks)

English

ENGL 404 A Topic in English Language

NO 0.25 EFTS OC 30 points
P 72 300-level ENGL points

ENGL 454 Medieval Misogyny: Subverting the Antifeminist Tradition

S1 0.25 EFTS OC, DL 30 points
While antifeminism in medieval literature is common, this paper examines literature by women (Christine de Pizan) and by men who wrote about women (Geoffrey Chaucer) who fought back.

P 72 points from ENGL 311-368, EURO 302

ENGL 465 A Topic in New Zealand Literature

NO 0.25 EFTS OC 30 points
An advanced study of a topic in New Zealand literature.

P 72 300-level ENGL points

ENGL 467 Special Topic

NO 0.25 EFTS OC 30 points
Topics change year to year.

ENGL 469 Writing Revolutions: How Modernism Changed the World

NO 0.25 EFTS OC, DL 30 points
Studies how modernism's new ways of writing address global social, cultural, and political change. Explores Aotearoa/New Zealand connections to this creative revolution and its implications for understanding the world today.

P 72 300-level ENGL points

ENGL 470 Storyworlds and Cognition

NO 0.25 EFTS OC 30 points
This paper puts literary theory in conversation with cognitive science and considers what we might learn about actual minds by studying fictional ones.

P 72 300-level ENGL points

Note: May not be credited with ENGL 467 taken in 2013, 2018, 2020

ENGL 471 A Topic in Romanticism

NO 0.25 EFTS OC 30 points
An advanced study of British and American Romantic literature, theory and philosophy.

P 72 300-level ENGL points

ENGL 473 A Topic in 19th Century Literature

NO 0.25 EFTS OC 30 points
A study of a selected area of nineteenth-century literature.

P 72 points from ENGL 300-level

ENGL 474 Special Topic

NO 0.25 EFTS OC 30 points
P 72 points from ENGL 311-368, EURO 302

ENGL 475 Reading and Writing Crime Fiction

S2 0.25 EFTS OC 30 points
An in-depth approach to the craft of writing crime fiction, via the study and practice of the genre's key techniques, elements and conventions.

P 72 300-level ENGL points

ENGL 476 A Topic in English Literature 1660-1800

S1 0.25 EFTS OC 30 points
P 72 points from ENGL 311-368, EURO 302

ENGL 477 A Topic in American Literature

NO 0.25 EFTS OC 30 points
An advanced study of a topic in American literature.

P 72 300-level ENGL points

ENGL 478 A Topic in Postcolonial Literatures

NO 0.25 EFTS OC 30 points
A study of selected postcolonial literary and critical texts from Australia, Canada and New Zealand.

P 72 300-level ENGL points

ENGL 480 Research Essay

FY, N1 0.25 EFTS OC, DL, DP 30 points
A supervised research essay of 8,000-10,000 words on an approved topic.

R ENGL 490

ENGL 490 Dissertation

FY, N1 0.5 EFTS OC 60 points
A dissertation of 15,000 - 20,000 words on an approved research topic.

P 72 300-level ENGL points

ENGL 590 Research Dissertation

N1, N2 0.5 EFTS OC, DL, DP 60 points
A supervised research dissertation of up to 20,000 words on an approved topic.

LT MA(Coursework)

Entrepreneurship

ENTR 411 Introduction to Entrepreneurship

S1 0.1667 EFTS OC, DL 20 points
Introduces the concepts of entrepreneurship and innovation, incorporating critical analysis of them for measurably achieving success, formulating your own definition(s) of it, and devising performance metrics aligned with your values.

L Dunedin, Queenstown

Notes: (i) This paper includes a one-week on-campus component. (ii) International students should enrol for the on-campus offering of this paper.

ENTR 415 New Venture Strategy

NO 0.1667 EFTS OC, DL 20 points
L Dunedin, Queenstown

Notes: (i) This paper includes a one-week on-campus component. (ii) International students should enrol for the on-campus offering of this paper.

ENTR 421 Technology and Entrepreneurship

NO 0.1667 EFTS OC, DL 20 points

An applied entrepreneurship paper that explores the development of innovative business models and new commercial ventures within the field of science and technology.

L Dunedin, Queenstown

Notes: (i) This paper includes a one-week on-campus component. (ii) International students should enrol for the on-campus offering of this paper.

ENTR 512 Feasibility Analysis

NO 0.1667 EFTS OC, DL 20 points

The techniques used to create and evaluate new concepts or new business opportunities. Feasibility analysis processes, including concept generation, concept screening and analysis.

L Dunedin, Queenstown

Notes: (i) This paper includes a one-week on-campus component. (ii) International students should enrol for the on-campus offering of this paper.

ENTR 513 Finance for Entrepreneurs

NO 0.1667 EFTS OC, DL 20 points

The concepts, techniques, instruments and institutions involved in raising new venture finance and private equity. Accounting issues involved in achieving successful outcomes. Entrepreneurial finance, venture and corporate venture capital.

L Dunedin, Queenstown

Notes: (i) This paper includes a one-week on-campus component. (ii) International students should enrol for the on-campus offering of this paper.

ENTR 515 New Venture Strategy

NO 0.1667 EFTS OC, DL 20 points

Planning and managing growth in a new entity. Legal and ethical issues. Exit strategies.

L Dunedin, Queenstown

Notes: (i) This paper includes a one-week on-campus component. (ii) International students should enrol for the on-campus offering of this paper.

ENTR 520 Sustainable Entrepreneurship

NO 0.1667 EFTS OC, DL 20 points

An applied entrepreneurship paper that explores the development of innovative business models and new ventures that are designed to provide sustainable social and environmental benefits.

L Dunedin, Queenstown

Notes: (i) This paper includes a one-week on-campus component. (ii) International students should enrol for the on-campus offering of this paper.

F

Finance

ACFI 406 Advanced Financial Econometrics

S2 0.1667 EFTS OC 20 points

Provides an understanding of the methodology and techniques used in empirical research, enabling students to do independent research. Analysis and criticism of current empirical literature.

R FINC 406

Key

S1: first semester; S2: second semester; ES: each semester; FY: full year; SS: Summer School; N1-7: non-standard periods*; NO: not offered in 2027; NO (20XX): not offered, expected to be offered in the year noted; OC: Paper is available on campus; DL: Paper is available by Distance Learning; DP: Departmental permission required; P: Prerequisite; C: Corequisite; PC: Prerequisite or corequisite; R: Restriction; LT: Limited to; RP: Recommended preparation; RC: Recommended concurrent study; L: Location paper is taught at, or from (if no location mentioned, paper is taught at, or from, Dunedin).

*Up-to-date information on non-standard periods, paper availability and class times is available at otago.ac.nz/courses/papers

ACFI 469 Special Topic: Real Estate Markets and Investments

SS 0.1667 EFTS OC 20 points
Introduction to real estate markets and investment analysis. Topics include financial modelling, valuation, real estate-based instruments, regulatory frameworks, and portfolio risk.

ACFI 525 Governance Issues in Accounting and Finance

NO 0.1667 EFTS OC 20 points
An introduction to the finance literatures relating to internal and external governance mechanisms and their effectiveness across publicly listed firms.
R FINC 425

FINC 502 Advanced Corporate Finance

S1 0.1667 EFTS OC 20 points
Aspects of finance theory and policy and international financial management. Includes directed reading and seminars related to corporate financial management.

FINC 503 Studies in Capital Markets

NO 0.1667 EFTS OC 20 points
Aspects of investment and portfolio management and financial institutions and markets. Includes directed reading and seminars related to the functioning of capital markets.

FINC 505 Mathematical Finance

S2 0.1667 EFTS OC 20 points
The necessary mathematical techniques used in continuous-time finance, including stochastic calculus, partial differential equations and applied probability.

FINC 510 Advanced International Financial Management

S2 0.1667 EFTS OC 20 points
Uses various teaching methods to develop problem identification and problem-solving skills that are necessary in a modern multinational corporation.

FINC 511 Financial Risk Management

NO 0.1667 EFTS OC 20 points
Quantification and analysis of the market risks facing corporate and financial service firms.

FINC 512 Financial Analytics

NO 0.1667 EFTS OC 20 points
Examines financial analytical methods for the analysis of cross-sectional and time-series data on stock returns.

Note: May not be credited with FINC 499 taken in 2019 or 2020

FINC 520 Climate and Energy Finance

S1 0.1667 EFTS OC 20 points
An examination of climate and energy finance placed in their broader energy and environmental policy context.

FINC 544 Behavioural Finance

S1 0.1667 EFTS OC 20 points
Provides insights from psychology to explain financial market behaviour. Provides hands-on experience using SAS, Bloomberg, and DataStream to examine the relationship between investors' trading patterns and anomalous behaviour of asset prices.

FINC 598 Special Topic

NO 0.1667 EFTS OC 20 points
Topics change year to year.

FINC 599 Special Topic

NO 0.1667 EFTS OC 20 points
Topics change year to year.

Food Science

FOSC 401 Topics in Advanced Food Science 1

ES, FY, N1 0.1667 EFTS OC 20 points
Any two modules (each worth 10 points) from a selection of modules offered, subject to availability.

LT BSc(Hons), PGCertAppSc, PGDipAppSc, PGDipSci, MAppSc, MSc

Note: Admission subject to approval from the Head of the Department for first or second semester occurrences.

FOSC 402 Topics in Advanced Food Science 2

ES, FY, N1 0.1667 EFTS OC 20 points
Any two modules (each worth 10 points) from a selection of modules offered, subject to availability.

LT BSc(Hons), PGCertAppSc, PGDipAppSc, PGDipSci, MAppSc, MSc

Note: Admission subject to approval from the Head of the Department for first or second semester occurrences.

FOSC 403 Topics in Advanced Food Science 3

ES, FY, N1 0.1667 EFTS OC 20 points
Any two modules (each worth 10 points) from a selection of modules offered, subject to availability.

LT BSc(Hons), PGCertAppSc, PGDipAppSc, PGDipSci, MAppSc, MSc

Note: Admission subject to approval from the Head of the Department for first or second semester occurrences.

FOSC 404 Topics in Advanced Food Science 4

ES, FY, N1 0.1667 EFTS OC 20 points
Any two modules (each worth 10 points) from a selection of modules offered, subject to availability.

LT BSc(Hons), PGCertAppSc, PGDipAppSc, PGDipSci, MAppSc, MSc

Note: Admission subject to approval from the Head of the Department for first or second semester occurrences.

FOSC 405 Topics in Advanced Food Science 5

ES, FY, N1 0.1667 EFTS OC 20 points
Any two modules (each worth 10 points) from a selection of modules offered, subject to availability.

LT BSc(Hons), PGCertAppSc, PGDipAppSc, PGDipSci, MAppSc, MSc

Note: Admission subject to approval from the Head of the Department for first or second semester occurrences

FOSC 406 Topics in Advanced Food Science 6

ES, FY, N1 0.1667 EFTS OC 20 points
Any two modules (each worth 10 points) from a selection of modules offered, subject to availability.

LT BSc(Hons), PGCertAppSc, PGDipAppSc, PGDipSci, MAppSc, MSc

Note: Admission subject to approval from the Head of the Department for first or second semester occurrences.

FOSC 407 Topics in Advanced Food Science 7

ES, FY, N1 0.1667 EFTS OC 20 points
Any two modules (each worth 10 points) from a selection of modules offered, subject to availability.

LT BSc(Hons), PGCertAppSc, PGDipAppSc, PGDipSci, MAppSc, MSc

Note: Admission subject to approval from the Head of the Department for first or second semester occurrences.

FOSC 460 Cooperative Education Programme

FY 0.1667 EFTS OC, DP 20 points
Industry-based project.

R APPS 499

Note: Admission subject to approval from the Head of Department.

FOSC 480 Research Project

ES, FY, N1 0.1667 EFTS OC, DP 20 points
A supervised project involving research and leading to the production of a research report.

LT PGDipAppSc, PGDipSci

Note: Admission subject to approval from the Head of Department.

FOSC 490 Dissertation

FY 0.5 EFTS OC, DP 60 points
A supervised project involving original research and leading to the production of a dissertation.

LT BAppSc(Hons), BSc(Hons), PGDipSci

FOSC 495 Master's Thesis Preparation

FY, N1 0.3333 EFTS OC, DP 40 points
Preparation of a thesis proposal/preliminary thesis research. Normally taken by students in the papers year for a Master's degree by papers and thesis.

R FOSC 496

LT MSc, PGDipSc

Forensic Analytical Science

FORS 401 Application of Forensic Science

S1 0.1667 EFTS OC 20 points
Detailed treatment of recent advancements in analytical science and how the new technologies are validated and implemented in the forensic context, including biosecurity, food authentication and criminal forensics.

FORS 490 Dissertation

FY 0.5 EFTS OC 60 points
A supervised project involving original research and leading to the production of a dissertation.

G

Gender Studies

GEND 401 Debates in Gender and Sexuality

S1 0.25 EFTS OC 30 points
Examines several contemporary debates in the study of gender and sexuality. In relation to each debate, we ask what it means to explore the links between larger intellectual or political ideas and more intimate, personal domains.

P 72 300-level GEND points

Notes: (i) Students who have not passed the normal prerequisite may be admitted with approval from the Programme Co-ordinator. (ii) May not be credited together with ANTH 411 passed in 2005 or 2006.

GEND 490 Dissertation

FY, N2 0.5 EFTS OC 60 points
Individual research on an approved topic, culminating in a dissertation of up to 20,000 words.

P 72 300-level GEND points

R GEND 491

LT BA(Hons), PGDipArts

GEND 590 Research Dissertation

N1, N2 0.5 EFTS OC, DL, DP 60 points
A supervised research dissertation of up to 20,000 words on an approved topic.

LT MA(Coursework)

General Practice

GENA 702 Sexual and Reproductive Health

NO(2028) 0.25 EFTS DL 30 points
Principles of reproductive health care over the life cycle in different settings (e.g. adults, adolescents, travellers, MSM, early pregnancy). Topics include: STIs, epidemiology, screening, prevention and treatment, contraception, sexual abuse, legislation and ethics.

R GENX 702

LT PGDipGP, PGDipPHC, PGDipRCP, MHealSc, PGDipHealSc

L Wellington

Note: Includes residential period/s.

GENA 704 Te Tūhauora: Māori Health

NO 0.25 EFTS DL 30 points
A theory and practice paper particularly suitable for those working in primary health care. Includes historical, social and political contexts for Māori health including the Treaty of Waitangi, current Māori health status and priorities, concepts and models of health and well-being, frameworks for assessment and intervention, and Māori health initiatives and models for primary care delivery.

R GENX 704

LT PGCertGP, PGCertPHC, PGDipGP, PGDipPHC, PGDipRCP, MHealSc, PGDipHealSc

L Wellington

Note: Includes residential period/s.

GENA 708 Supervised Research Project

NO	0.25 EFTS	DL	30 points
In approved circumstances, individual students can undertake a supervised research project after showing necessary competence in other papers. Supervision from either Department of General Practice, Dunedin or Department of Primary Health Care, Wellington.			
R	GENX 708		
LT	PGCertGP, PGCertPHC, PGDipGP, PGDipPHC, PGDipRCP, PGDipTravMed		
L	Dunedin, Wellington		

GENA 713 Travel Medicine 1: Introductory Concepts

S1	0.25 EFTS	DL, DP	30 points
An overview of Travel Medicine as a specialty area of practice covering the principles of preparing the intending traveller with a focus on prevention, and a detailed knowledge of vaccine preventable illness and travel vaccines.			
R	GENX 713, 715		
LT	PGCertTravMed, PGDipTravMed, PGCertGP, PGDipGP, PGDipPHC, PGDipRCP		
L	Wellington		

Note: Includes residential period/s.

GENA 714 Travel Medicine 2: Applied Concepts

S2	0.25 EFTS	DL, DP	30 points
Specific clinical concerns of travellers with special needs and specific clinical contexts, applying the principles from Travel Medicine 1.			
P	GENA 713 or GENX 713		
R	GENX 714, 715		
LT	PGCertTravMed, PGDipTravMed		
L	Wellington		

Note: Includes residential period/s.

GENA 717 Generalist Medical Echocardiography

FY	0.25 EFTS	DL, DP	30 points
Principles of generalist-performed echocardiography, its application to medical diagnosis and management, especially in an emergency or rural setting, to more accurately diagnose and appropriately manage medical problems.			
PC	GENA 718		
R	GENX 717		
LT	PGCertCPU, PGDipRCP		
L	Dunedin, Wellington		

Notes: (i) Prerequisite or corequisite: Antegrade Ultrasound Solutions physics course. (ii) Includes three 3-day residential periods.

GENA 718 Generalist Medical Ultrasound

FY	0.25 EFTS	DL, DP	30 points
Principles of generalist-performed ultrasound, its application to medical diagnosis and management, especially in an emergency or rural setting, to more accurately diagnose and appropriately manage medical problems.			
PC	GENA 717 or GENX 717		
R	GENX 718		
LT	PGCertCPU, PGDipRCP		

Notes: (i) Prerequisite or corequisite: Antegrade Ultrasound Solutions physics course. (ii) Includes three 3-day residential periods.

GENA 719 Tropical Infectious Disease

S1	0.25 EFTS	DL, DP	30 points
Overview of the key concepts of tropical infectious disease. Students will gain a good general understanding of tropical infectious diseases, their epidemiology, diagnosis and management.			
R	GENX 716		
LT	PGCertGP, PGCertTravMed, PGDipGP, PGDipPHC, PGDipRCP, PGDipTravMed		
L	Wellington		

Note: Includes residential period/s.

GENA 720 Refugee and Migrant Health

S2	0.25 EFTS	DL	30 points
Health needs of refugee and migrant populations relevant to primary care practice. Health issues confronting health professionals working in developing countries.			
LT	PGCertGP, PGDipGP, PGDipPHC, PGDipRCP, PGDipTravMed, MHealSc, PGDipHealSc		
L	Wellington		

Note: Includes residential period/s.

GENA 723 Trauma and Emergencies in Rural Settings

N1	0.25 EFTS	DL	30 points
The management of trauma, medical and surgical emergencies in the rural setting. Includes immediate, intermediate and continuing care for the injured or critically ill patient.			
R	GENA 730, GENX 722		
LT	PGCertRCP, PGDipGP, PGDipPHC, PGDipRCP		

Note: Includes one period of residential study.

GENA 724 The Context of Rural Healthcare

N1	0.125 EFTS	DL	15 points
The context of clinical care in rural settings in relation to the person, the doctor and the community.			
R	GENX 723, GENX 724		
LT	PGCertRCP, PGDipGP, PGDipPHC, PGDipRCP		

GENA 725 Reflections in Rural Clinical Practice

N1	0.125 EFTS	DL	15 points
Mental Health emergencies, alcohol and drugs, palliative care and Hauora Māori in the NZ rural setting.			
R	GENX 723		
LT	PGCertRCP, PGDipGP, PGDipPHC, PGDipRCP		

GENA 726 Gynaecology, Obstetrics and Paediatrics in Rural Settings

N1	0.125 EFTS	DL	15 points
Management of gynaecology, obstetric and paediatric problems in rural settings.			
R	GENX 721 and GENX 722		
LT	PGCertRCP, PGDipGP, PGDipPHC, PGDipRCP		

Note: May not be taken by students who have passed both GENX 721 and GENX 722.

GENA 727 Surgical Specialties in Rural Settings

N1	0.125 EFTS	DL	15 points
Management of common surgical problems in rural settings.			
R	GENX 722		
LT	PGCertRCP, PGDipGP, PGDipPHC, PGDipRCP		

GENA 728 Cardiorespiratory Medicine in Rural Settings

N1	0.25 EFTS	DL	30 points
Management of cardiology and respiratory problems in the rural setting.			
R	GENX 721		
LT	PGCertRCP, PGDipGP, PGDipPHC, PGDipRCP		

Note: Includes one period of residential study.

GENA 729 Medical Specialties in Rural Settings

N1	0.125 EFTS	DL	15 points
Management of acute and common medical problems in rural settings.			
R	GENX 721		
LT	PGCertRCP, PGDipGP, PGDipPHC, PGDipRCP		

Note: Includes one period of residential study.

GENA 737 Obesity Prevention and Management

S1	0.25 EFTS	DL	30 points
Determinants of obesity, evidence-based strategies for prevention and management, and the role of primary health care and community through individual, societal and environmental actions.			
R	GENA 733, GENX 733		
LT	PGCertGP, PGDipGP, PGDipHealSc, PGDipPHC, PGDipRPHP, MHealSc		
L	Wellington		

Note: Includes a residential period.

GENA 826 Special Topic

NO	0.125 EFTS	DL	15 points
This course is taught on a topic of relevance in general practice. The topic and content vary, taught by visitors to the department and by department staff.			
R	GENX 826		

General Practice BMedSc(Hons) Thesis Full-time

FY	1 EFTS	OC	120 points
LT	BMedSc(Hons)		

General Practice for Dentistry

GDPR 701 General Practice I

N1	0.5 EFTS	OC	60 points
Principles of dental care and how these relate to comprehensive delivery of general practice dentistry.			
LT	PGDipClinDent		

GDPR 702 General Practice II

N1	0.5 EFTS	OC	60 points
Clinical practice combined with self-directed special topics designed to allow upgrading of general practice dentistry skills.			
LT	PGDipClinDent		

GDPR 730 General Practice PGDipClinDent Special Topics

NO	0.5 EFTS	OC	60 points
LT	PGDipClinDent		

Genetics

GENE 411 Current Topics in Genetics

S1	0.1667 EFTS	OC, DP	20 points
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GENE 412 Current Topics in Genetics

S2	0.1667 EFTS	OC, DP	20 points
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GENE 480 Research Project

FY, N1	0.3333 EFTS	OC, DP	40 points
A supervised project involving research and leading to the production of a research report.			
LT	PGDipSci, PGDipAppSc		

GENE 490 Dissertation

FY, N1	0.5 EFTS	OC, DP	60 points
A supervised project involving original research and leading to the production of a dissertation.			
LT	BAppSc(Hons), BSc(Hons), PGDipSci		

GENE 495 Master's Thesis Preparation

FY, N1	0.3333 EFTS	OC, DP	40 points
Preparation of a thesis proposal/preliminary thesis research. Normally taken by students in the papers year for a Master's degree by papers and thesis.			
LT	MSc		

QGEN 401 Quantitative Genetics and Improvement

S2	0.1667 EFTS	OC, DL	20 points
Modern methods for quantitative genetics: basic concepts, genetic parameter and breeding value estimation, multi-trait evaluation, selection, analyses of genomic data, principles of breeding programme design, and New Zealand applications.			
P	STAT 435		

Note: Students who have not passed STAT 435 may be admitted with approval from the Head of the Department of Mathematics and Statistics.

Key S1: first semester; S2: second semester; ES: each semester; FY: full year; SS: Summer School; N1-7: non-standard periods*; NO: not offered in 2027; NO (20XX): not offered, expected to be offered in the year noted; OC: Paper is available on campus; DL: Paper is available by Distance Learning; DP: Departmental permission required; P: Prerequisite; C: Corequisite; PC: Prerequisite or corequisite; R: Restriction; LT: Limited to; RP: Recommended preparation; RC: Recommended concurrent study; L: Location paper is taught at, or from (if no location mentioned, paper is taught at, or from, Dunedin).

*Up-to-date information on non-standard periods, paper availability and class times is available at otago.ac.nz/courses/papers

Genomic Medicine

GEHM 701 Introduction to Genomics in Health and Medicine

S1 0.125 EFTS DL 15 points
Evidence-based introduction to genomic medicine exploring key concepts and contemporary ethical, legal, social and cultural considerations associated with equitable adoption into healthcare.
L Wellington

GEHM 702 Genomic Medicine – Case Based Learning

S2 0.125 EFTS DL 15 points
Looking at a range of complex issues surrounding genomic medicine using clinical scenarios and a problem-based learning approach.
L Wellington

GEHM 703 Application of Genomic Health and Medicine in Practice or Research

S2 0.125 EFTS DL 15 points
Critical assessment of implementation of genomic medicine to clinical practice in Aotearoa, practical big-data analysis and a mini research project.
L Wellington

Geography

GEOG 401 Global Development: Theory and Practice

S1 0.1667 EFTS OC 20 points
Examines the different approaches to development theory and the development industry, since 1945. Modernist, neo-Marxist, neo-liberal, and 'post-development' perspectives are used to assess strengths and weaknesses of contemporary development processes
R GEOG 501

GEOG 454 Alpine Geomorphology

NO(2028) 0.1667 EFTS OC 20 points
Earth surface processes and resultant landforms in high altitude and high latitude areas.

GEOG 457 Urban Theory and Practice

S2 0.1667 EFTS OC 20 points
Geographical theories and approaches to issues and practices in contemporary urban policy and planning, drawing on global and New Zealand experiences.
R GEOG 557

GEOG 459 Biogeography

S1 0.1667 EFTS OC 20 points
Approaches to vegetation analysis; past and present vegetation patterns; plant strategies for survival in stressful environments; anthropogenic vegetation.

GEOG 460 Climatology

S2 0.1667 EFTS OC 20 points
Climatic forcing of seasonal snow, glaciers and avalanches; evaporation; climate change.

GEOG 461 Mountain Hydrology

S2 0.1667 EFTS OC 20 points
A survey of mountain and cold climate hydrology, with an emphasis on catchment scale processes, datalogger programming, instrumentation and analytical techniques.

GEOG 463 Geographies of Justice

NO 0.1667 EFTS OC 20 points
Exploration of social and environmental (in)justice. Analysis of how justice affects people differently in different places, in relation to different issues.

R GEOG 563

Note: May not be credited together with GEOG 465 passed in 2016 or 2017.

GEOG 464 An Approved Course in Geography

NO 0.1667 EFTS OC 20 points
An occasional paper on a topic of current interest to staff.

GEOG 465 Special Topic in Geography

NO 0.1667 EFTS OC 20 points
R GEOG 565

GEOG 470 A Research Topic in Geography

FY 0.3333 EFTS OC, DP 40 points

GEOG 471 Impact Assessment and Sustainability

NO 0.1667 EFTS OC 20 points
The origins and principles of impact assessment (IA); the international state of IA; recent changes in New Zealand; methodology and IA; problems with IA practice, their causes and possible remedies.

GEOG 472 Developments in Environmental Management

S1 0.1667 EFTS OC 20 points
Advanced study of the interaction between socio-political and biophysical dimensions of contemporary environmental issues.
R GEOG 572

GEOG 474 Coastal Management

S1 0.1667 EFTS OC 20 points
An advanced examination of coastal management in New Zealand and Australia. Emphasis is placed on issues associated with sandy coasts, including hazard management, invasive species, subdivision and development, and conservation management.
R GEOG 574

GEOG 490 Dissertation

FY 0.5 EFTS OC, DP 60 points
A dissertation of up to 20,000 words on an approved research topic.
LT BA(Hons), BAppSc(Hons), BSc(Hons), PGDipArts, PGDipSci

GEOG 495 Master's Thesis Preparation

FY, N1, N2 0.3333 EFTS OC, DP 40 points
Preparation of a thesis proposal. Normally taken by students in the papers year for a Master's degree in Geography by papers and thesis.
LT MA, MSc

GEOG 501 Global Development: Theory and Practice

S1 0.25 EFTS OC 30 points
Advanced study of theories and practice of global development, including analyses of challenges of sustainability and inclusion, and the role of development co-operation in countries of the Global South.
R GEOG 401, GEOG 402

GEOG 536 Toitū te Taiāo: Planning in a Māori Context

S2 0.25 EFTS OC 30 points
An examination of Māori planning experiences, endeavours and aspirations; planning system obligations under Te Tiriti o Waitangi; professional conduct in a bi-cultural context; and application of urban design skills.

Note: Cannot be credited with GEOG 464 passed in 2023.

GEOG 557 Urban Theory and Practice

S2 0.25 EFTS OC 30 points
Geographical theories and approaches to issues and practices in contemporary urban policy and planning, drawing on global and New Zealand experiences.
R GEOG 457

GEOG 563 Geographies of Justice

NO 0.25 EFTS OC 30 points
Exploration of social and environmental (in)justice. Analysis of how justice affects people differently in different places, in relation to different issues.
R GEOG 463

GEOG 565 Special Topic in Geography

NO 0.25 EFTS OC 30 points
A Special Topic in Geography that may be either a lecture programme or an individual supervised course of study.
R GEOG 465

Note: May not be credited together with GEOG 465 passed in 2016 or 2017.

GEOG 572 Developments in Environmental Management

S1 0.25 EFTS OC 30 points
Advanced study of the interaction between socio-political and biophysical dimensions of contemporary environmental issues.
R GEOG 472

GEOG 574 Coastal Management

S1 0.25 EFTS OC 30 points
An advanced examination of coastal management in New Zealand and Australia. Emphasis is placed on issues associated with sandy coasts, including hazard management, invasive species, subdivision and development, and conservation management.
R GEOG 474

GEOG 590 Research Dissertation

N1, N2 0.5 EFTS OC, DL, DP 60 points
A supervised research dissertation of up to 20,000 words on an approved topic.
LT MA(Coursework)

Geology

GEOL 401 Current Topics and Advanced Methods in Geoscience

FY, N1 0.1667 EFTS OC 20 points
Contemporary views and important recent advances in geoscience research. Advanced methods and techniques in field- and laboratory-based geoscience research including research planning, scientific writing and presentation of findings.
R GEOL 402 and GEOL 403

GEOL 450 Special Topic 1

NO 0.0833 EFTS OC 10 points

GEOL 451 Special Topic 2

NO 0.0833 EFTS OC 10 points
Note: Not all 400-level GEOL papers will be available in any one year. Decisions will be based on enrolment numbers and will be discussed with students at the start of the academic year.

GEOL 461 Advanced Topics in Geophysics 1

S1 0.0833 EFTS OC 10 points
Practical and conceptual approaches to applying geophysical methods (particularly seismology) to investigate and image geological features and the processes that have formed such features.
R GEOL 431

GEOL 462 Advanced Topics in Geochemistry

S2 0.0833 EFTS OC 10 points
Principles and applications of geochemistry to study rocks, sediments and waters on and beyond Earth.
R GEOL 422

GEOL 463 Advanced Topics in Paleobiology and Evolution

NO 0.0833 EFTS OC 10 points
Fossils and the origins of the New Zealand biota; macroevolution, past and present; case studies in paleobiology.
R GEOL 427

GEOL 464 Advanced Topics in Igneous Processes

S1 0.0833 EFTS OC 10 points
Practical and theoretical investigations of magmatic rock suites, with the goal of understanding the processes that lead to volcanism on Earth.
R GEOL 422

GEOL 465 Advanced Topics in Structural Geology

S1 0.0833 EFTS OC 10 points
Theoretical and practical approaches to understanding structural geology, fault zones, shear zones and earthquake ruptures.
R GEOL 430

GEOL 471 Advanced Topics in Geophysics 2

S2 0.0833 EFTS OC 10 points
Practical and conceptual approaches on the use of rock- and paleo-magnetism in stratigraphic, chronostratigraphic, environmental, volcanic, structural and tectonic studies.
R GEOL 431

GEOL 472 Advanced Topics in Environmental Geochemistry

S2 0.0833 EFTS OC 10 points
A theoretical and practical paper focused on geochemical contamination and remediation processes.

Note: May not be credited together with GEOL 450 passed in 2018.

GEOL 473 Advanced Topics in Paleoceanography and Paleoclimatology

S2 0.0833 EFTS OC 10 points
Advanced discussion and analysis of marine and terrestrial records used to reconstruct oceanographic and climatic change.
R GEOL 421

GEOL 474 Advanced Topics in Metamorphism and Mineralisation

S2 0.0833 EFTS OC 10 points
A theoretical and practical investigation of metamorphic rocks, processes and mineralisation.
R GEOL 422

GEOL 475 Earthquake Science

S2 0.0833 EFTS OC 10 points
Active tectonics, earthquake geology, earthquake statistics, seismic hazard modelling, and outputs for end-users.
R GEOL 430

GEOL 480 Research Project

FY, N1, N2 0.3333 EFTS OC, DP 40 points
A supervised project involving research and leading to the production of a research report.

LT PGDipSci

Note: The non-standard period for this paper takes place over approximately 12 months to accommodate field work requirements. The remainder of the work will be carried out over 7 to 9 months, involving an average of 12 to 16 hours of work per week.

GEOL 490 Dissertation

FY, N1, N2 0.5 EFTS OC, DP 60 points
A supervised project involving original research and leading to the production of a dissertation.

LT BSc(Hons), PGDipSci

Note: The non-standard period for this paper takes place over approximately 12 months to accommodate field work requirements. The remainder of the work will be carried out over 9 months, involving an average of 18.5 hours of work per week.

GEOL 495 Master's Thesis Preparation

FY, N1, N2 0.3333 EFTS OC, DP 40 points
Preparation of a thesis proposal/preliminary thesis research. Normally taken by students in the papers year for a Master's degree by papers and thesis.

LT MSc

Note: The non-standard period for this paper takes place over approximately 12 months to accommodate field work requirements. The remainder of the work will be carried out over 7 to 9 months, involving an average of 12 to 16 hours of work per week.

German

GERM 441 Advanced Topics in German

NO 0.1667 EFTS OC 20 points
In-depth study of German themes in literature and culture at an advanced level.

GERM 451 Studies in German

NO 0.1667 EFTS OC, DP 20 points
Studies in German language and culture taken at a university in Germany.
LT BA(Hons), PGDipArts

GERM 452 Studies in German 2

NO 0.1667 EFTS OC, DP 20 points
Studies in German language and culture taken at a university in Germany.
LT BA(Hons), PGDipArts

GERM 490 Dissertation

NO 0.5 EFTS OC 60 points
A dissertation on an approved and individually-supervised research topic in German; of up to 15,000 words if written in German, or 20,000 words if written in English.

LT BA(Hons), PGDipArts

GERM 590 Research Dissertation

NO 0.5 EFTS OC, DL 60 points
A supervised research dissertation of up to 20,000 words on an approved topic, written in German or English.

LT MA

Greek

GREK 464 A Topic in Greek Literature

S2 0.1667 EFTS OC 20 points
P 18 300-level GREK points

H

Health Management

HLMT 790 Dissertation

ES, FY, N1, N2, N3, N4 0.5 EFT OC 60 points
A supervised dissertation presenting the results of an original research project on a relevant topic in the student's area of interest within health management.

LT MHealSc

L Dunedin, Christchurch, Wellington

Health Sciences

HASC 401 Special Topic

NO(2028) 0.25 EFTS OC, DL, DP 30 points
Topics change year to year.

R HASX 401

LT MHealSc, PGDipHealSc, PGDipPHC

L Dunedin, Christchurch, Wellington

HASC 402 Special Topic

NO 0.125 EFTS OC, DP 15 points
L Dunedin, Christchurch, Wellington

HASC 413 Biostatistics

S1 0.125 EFTS OC 15 points
Essential analytical methods necessary for health-related research: data description, basic probability, confidence intervals, hypothesis testing, sample size calculation, epidemiological measures of association, and simple linear regression. A knowledge of basic algebra is recommended.

LT MHealSc, MPharm, MSc, PGDipHealSc, PGDipMLSc, PGDipSci, PGDipPharm, BMLSc(Hons)

HASC 415 Regression Methods: Health Science Applications

NO 0.125 EFTS OC 15 points
The use of regression methods (e.g. linear, logistic, and Poisson regression) for answering scientific questions in the health sciences. Topics include fitting/interpreting regression models and scientific issues in their application (e.g. outcome parameterisation, model selection, missing data).

P HASC 413

R PUBH 726, STAT 241, STAT 341

LT MHealSc, PGDipHealSc, PGDipSci, MSc

Note: The prerequisite may be waived for students with an equivalent level of knowledge.

HASC 418 Special Topic

NO 0.25 EFTS OC, DL 30 points
Topics change year to year.

LT PGDipHealSc, MHealSc

Note: This paper will be offered by distance learning from the Dunedin campus with two face-to-face block teaching periods.

HASC 419 Fundamental Research Methods in Health Sciences

S2 0.25 EFTS OC, DL 30 points
Fundamentals of research methods used in health science research. Topics include basic research designs, ethical and cultural considerations, reviewing literature, critical appraisal skills, data analysis approaches, and research proposal writing.

R AVME 785/885, GENA 821, HASC 417/817, NURS 415, PSME 406, PHTY 610, PUBH 721, PUBH 723, PUBH 724

L Dunedin, Christchurch, Wellington

HASC 590 Dissertation

ES, FY, N1 0.5 EFTS OC, DL 60 points
A supervised dissertation of up to 20,000 words presenting the results of an original research project on a relevant topic in the student's area of interest within health sciences.

LT MHealSc

L Dunedin, Christchurch, Wellington

HASC 780 Research Project

ES, FY 0.25 EFTS OC, DL 30 points
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.

R HASX 780

LT MHealSc

L Dunedin, Christchurch, Wellington

Higher Education

HEDU 501 Critical Reflection on Higher Education

NO 0.25 EFTS OC, DL 30 points
Develops a critical understanding of teaching and learning in higher education, which will be informed by key theories and ideas in higher education and enriched by participants' reflection on their practice within their teaching contexts.

R HEDX 501

LT PGCertHighE, PGDipHighE, MHEd

Notes: (i) Restricted to academics in higher education including health professionals in clinical teaching roles. (ii) As one of the principal modes of teaching is on-line learning, all students are required to have access to the internet.

HEDU 502 Learning Theory and Practice in Higher Education

NO 0.25 EFTS OC, DL 30 points
Examination of contemporary research on student learning. Exploration of the effects of participants' teaching practices on how students learn in order to enhance student learning outcomes.

R HEDX 502

LT PGCertHighE, PGDipHighE, MHEd

Note: As one of the principal modes of teaching is on-line learning, all students are required to have access to the internet.

HEDU 503 Research in Higher Education

NO 0.25 EFTS OC, DL 30 points
An introduction to qualitative and mixed methods approaches to conducting research in Higher Education. Participants explore methodological issues and plan a research project that is the focus of HEDU 510 or HEDU590.

R HEDX 503

LT PGDipHighE, MHEd

Note: As one of the principal modes of teaching is on-line learning, all students are required to have access to the internet

Key

S1: first semester; S2: second semester; ES: each semester; FY: full year; SS: Summer School; N1-7: non-standard periods*; NO: not offered in 2027; NO (20XX): not offered, expected to be offered in the year noted; OC: Paper is available on campus; DL: Paper is available by Distance Learning; DP: Departmental permission required; P: Prerequisite; C: Corequisite; PC: Prerequisite or corequisite; R: Restriction; LT: Limited to; RP: Recommended preparation; RC: Recommended concurrent study; L: Location paper is taught at, or from (if no location mentioned, paper is taught at, or from, Dunedin).

*Up-to-date information on non-standard periods, paper availability and class times is available at otago.ac.nz/courses/papers

HEDU 504 Academic Leadership in Higher Education

NO 0.25 EFTS OC, DL 30 points

A critical examination of academic leadership using contemporary leadership theories. Understanding how academic leadership is situated in a contemporary higher education sector.

LT MHED

Note: As one of the principal modes of teaching is on-line learning, all students are required to have access to the internet.

HEDU 510 Advanced Topics in Higher Education

NO 0.25 EFTS OC, DL 30 points

Educational research of a topic that is situated within the context of teaching and learning in higher education. All students are required to have access to the Internet. Supervised educational research dissertation of 10,000 words on a topic that is situated within the context of teaching and learning in higher education.

P HEDU 501, HEDU 502, HEDU 503

R HEDX 510

LT PGDipHighE

Notes: (i) Students may be admitted with approval from the Head of Department of the Higher Education Development Centre. (ii) As one of the principal modes of teaching is on-line learning, all students are required to have access to the internet

HEDU 590 Research Dissertation

NO 0.5 EFTS OC, DL 60 points

Supervised educational research dissertation of 20,000 words on a topic that is situated within the context of teaching and learning in higher education.

P HEDU 501, HEDU 502, HEDU 503, HEDU 504

LT MHED

Note: As one of the principal modes of teaching is on-line learning, all students are required to have access to the internet.

History

HIST 430 Special Topic

NO 0.25 EFTS OC 30 points

PC 54 300-level HIST points

HIST 452 Rethinking History

S1 0.25 EFTS OC 30 points

An advanced seminar on the theory, methods and practice of historical writing and debates over the nature of history as a discipline.

P 54 300-level HIST points

Note: May not be credited together with HIST 405 passed in 2012 or 2013.

HIST 481 Historiography Project

S1 0.25 EFTS OC, DP 30 points

Design and undertake a supervised project of the student's choosing on an historiographical area and its problems. To be presented in the form of a 5,000-word scholarly article.

PC 54 300-level HIST points

LT BA(Hons), PGDipArts

HIST 490 Dissertation

FY, N1 0.5 EFTS OC, DP 60 points

A dissertation of between 16,000 and 20,000 words on an approved research topic.

PC 54 300-level HIST points

LT BA(Hons), PGDipArts

HIST 590 Research Dissertation

N1, N2 0.5 EFTS OC, DL, DP 60 points

A supervised research dissertation of up to 20,000 words on an approved topic.

LT MA(Coursework)

Human Nutrition

HUNT 441 Research Methods

NO 0.1667 EFTS OC, DL 20 points

Examination methods and principles used in research. Develops skills to interpret, critically evaluate, and apply research in the nutritional sciences.

HUNT 442 Applied Nutrition & Disease Management

S1 0.1667 EFTS OC, DL 20 points

Explores the management of nutrition-related illnesses using a case-based approach. Students will be guided to gather and interpret nutritional data, and develop nutrition care plans founded on evidence-based nutrition principles.

HUNT 443 Practice in Public Health Nutrition

S1 0.1667 EFTS OC, DL 20 points

Students will apply public health nutrition knowledge, problem-solving, analytical, communication, and research skills creatively and collaboratively with peers and community partners to real-life or real-world public health projects.

P HUNT 343

Note: Students who have not passed HUNT 343 may be admitted with approval from the Postgraduate Coordinator or the Head of Department

HUNT 444 Food – Systems, Services and Skills

NO 0.1667 EFTS OC 20 points

Advanced study of the theory and concepts of food service. Application to a range of industry food services, including sports and public health, with a focus on meeting consumer needs.

HUNT 445 Applications in Sport and Exercise Nutrition

S2 0.1667 EFTS OC, DL 20 points

Application of knowledge of sport and exercise nutrition to a real-world situation, providing practical skills for professions.

HUNT 452 Nutrition and Human Health

S2 0.1667 EFTS OC, DL 20 points

A lecture- and seminar-based paper that aims to develop an understanding of the role of nutrition in selected health problems, and to develop research-related writing, seminar presentation, analytical and critical appraisal skills.

HUNT 454 Nutritional Biostatistics

S1 0.1667 EFTS OC 20 points

Fundamental biostatistical issues encountered in the design and analysis of quantitative/qualitative research projects. Topics include data description, basic probability concepts, statistical inference, hypothesis testing, regression models and study design.

HUNT 455 Advanced Topics in Human Nutrition

ES 0.1667 EFTS OC, DP 20 points

P HUNT 453

LT BAppSc(Hons), BSc(Hons), PGDipAppSc,

PGDipSci, MSc, MAppSc

Note: Students who have not passed HUNT 453 may be admitted with approval from the Postgraduate Coordinator or the Head of Department.

HUNT 485 Research Project

FY 0.1667 EFTS OC 20 points

LT PGDipAppSc, PGDipSci

HUNT 490 Dissertation

FY, N1 0.5 EFTS OC 60 points

A supervised project involving original research and leading to the production of a dissertation.

LT BAppSc(Hons), BSc(Hons), PGDipAppSc,

PGDipSci

HUNT 495 Master's Thesis Preparation

FY, N1 0.3333 EFTS OC, DL 40 points

Preparation of a thesis proposal/preliminary thesis research. Normally taken by students in the papers year for a Master's degree by papers and thesis.

LT MSc

NUTN 401 Principles of Human Nutrition

S1, N1 0.25 EFTS OC, DL 30 points

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.

R CMNX 401, NUTX 401

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

NUTN 402 Nutrition and Health Promotion

S1 0.25 EFTS DL 30 points

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

R CMNX 402, NUTX 402

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

NUTN 404 Nutrition and Chronic Disease

S2 0.25 EFTS DL 30 points

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.

R CMNX 406, NUTX 404

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

NUTN 407 Advanced Sports Nutrition

S2 0.25 EFTS DL 30 points

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

R CMNX 407, HUNT 355, NUTX 407, SPME 703, SPMX 703

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

NUTN 590 Dissertation

ES, FY, N1 0.5 EFTS OC, DL 60 points

A supervised project involving original research and leading to the production of a dissertation.

L Dunedin, Christchurch, Wellington

Humanities

HUMS 401 Internship Practicum

ES, N1, SS 0.25 EFTS DL, DP 30 points

Relevant work experience undertaken in an approved workplace, enabling the application of skills acquired in an academic environment.

R EDCR 360, SOWK 392, SOWK 492

LT BA(Hons), PGDipArts, MTESOL

Note: Candidates must undergo a selection process; admission is subject to approval from the Pro-Vice-Chancellor (Humanities).

HUMS 405 Special Topic: Research Essay

NO 0.08333 EFTS OC, DL, DP 10 points

Students will prepare in consultation with a supervisor a critical literature review of a topic or debate in their chosen discipline. The research essay will conclude with appropriate research questions that arise from the review and identification of gaps in knowledge.

Note: A supervised research essay of 3,000 words in an approved topic.

HUMS 501 Writing and Revision for Graduate Research

S2, N1 0.25 EFTS OC 30 points

The theoretical and practical tools needed by graduate research students to achieve effective communication of their academic ideas in both print and other media.

LT MA(Coursework), MTESOL

HUMS 502 Research Methods in the Humanities

S2 0.25 EFTS OC, DL 30 points

Examination of key principles of research in the humanities, to develop broad understanding of a range of methods and hone skills in a method of each student's choice.

LT MA(Coursework), MTESOL

HUMS 503 Key Debates in the Humanities

S1	0.25 EFTS	OC	30 points
What is modernity? Where is power, and how is it exercised? Are there limits to our abilities to understand and empathise with other people? Where is Humanities scholarship heading?			
LT	MA(Coursework)		

HUMS 504 Visual Culture: Theory, Analysis and Interpretations

N1	0.25 EFTS	OC	30 points
Provides students with the conceptual framework for understanding ideological narratives that underpin visual culture. Anchored in Aotearoa NZ case studies, the concepts covered are applicable to national and international contexts.			
LT	MA(Coursework)		

HUMS 588 Special Topic: Foundations of Identity and Belonging

N1	0.25 EFTS	OC, OL	30 points
Provides students with conceptual frameworks for understanding identity and belonging within contemporary national, and transnational contexts. Students will apply conceptual material to relevant case-studies.			

Immunology

IMMU 495 Master's Thesis Preparation

FY, N1	0.3333 EFTS	OC, DP	40 points
Preparation of a thesis proposal/preliminary thesis research. Normally taken by students in the papers year for a Master's degree by papers and thesis.			
LT	MSc		

Indigenous Studies

INDS 401 Indigenous Identities

S1	0.25 EFTS	OC, DL	30 points
Examination of the theoretical aspects of indigeneity, linking to practical application of global indigenous identities. An understanding of what it means to have an indigenous identity will be achieved through researching different societies.			
P	36 300-level MAOR, PACI, INDV points		
R	INDV 401, INDS 501		

Note: May not be credited with MAOR 410 taken in 2020 and 2021.

INDS 402 Taonga and Identity

NO	0.25 EFTS	OC	30 points
Exploration of the constraints and opportunities associated with maintaining an indigenous identity from a cultural heritage/taonga (Māori ancestral treasures/resources) perspective within Aotearoa/New Zealand today.			
P	INDS 302		
R	INDV 402, MAOR 402		

INDS 410 Special Topic

NO	0.25 EFTS	OC, DL	30 points
Topics change year to year.			
R	INDV 410		

INDS 501 Indigenous Identities

S2	0.25 EFTS	OC, DL	30 points
Examination of the theoretical aspects of indigeneity, linking to practical application of global indigenous identities. An understanding of what it means to have an indigenous identity will be achieved through researching different societies.			
R	INDV 401, INDS 401		
LT	MIndS		

INDS 590 Research Dissertation

N1, N2	0.5 EFTS	OC, DL, DP	60 points
A supervised research dissertation of up to 20,000 words on an approved topic.			
LT	MA(Coursework)		

INGS 501 Indigenous Theory and Method

S1	0.25 EFTS	DL	30 points
Introduces key theory and method questions for Indigenous Studies, focusing on the central challenge of defining 'Indigenous'.			
R	INGX 501		
LT	MIndS		

INGS 510 Special Topic

NO	0.2 EFTS	DL	20 points
A special topic in Indigenous Studies. All students are required to have access to the Internet.			
R	INGX 510		
LT	MIndS		

INGS 590 Research Report

N1, N2	0.5 EFTS	OC, DL	60 points
A supervised research project of no more than 18,000 words (excluding notes, appendices, bibliography) on an approved topic.			
R	INGX 590		
LT	MIndS		

Note: May not be credited together with the Master of Indigenous Studies thesis (INGS 5).

Information Science

INFO 410 Interactive and Immersive Systems

NO	0.1667 EFTS	OC	20 points
Concepts, technologies, and methods for the design and application of interactive, three dimensional, and immersive (virtual and augmented reality) systems and user experiences such as for business, health, engineering, and telepresence.			
P	54 300-level INFO or COSC points		
LT	BA(Hons), BAppSc(Hons), BCom(Hons), BSc(Hons), MA(Thesis), MAppSc, MCom, MSc, PGDipAppSc, PGDipArts, PGDipSci, PGCertAppSc		

Note: Admission normally requires at least a B average in the 300-level papers taken previously.

INFO 420 Statistical Techniques for Data Science

S2	0.1667 EFTS	OC, DL	20 points
Explores a range of statistical techniques for data analysis, from statistical modelling of univariate data to the visualisation of patterns in multivariate data.			
P	STAT 110 or STAT 115		
R	STAT 210		
LT	MBusDataSc, BCom(Hons), BSc(Hons), BA(Hons), PGDipCom, PGDipSci, PGDipArts, BAppSc(Hons), MAppSc, MSc, MBus, PGCertAppSc, PGDipAppSc		

INFO 451 Special Topic

NO	0.1667 EFTS	OC	20 points
To be advised when paper is next taught.			

INFO 452 Special Topic

NO	0.1667 EFTS	OC	20 points
To be advised when paper is next taught.			

INFO 470 Advanced Topics in Information Science

NO	0.1667 EFTS	OC, DP	20 points
A special topic in information science that may be either a lecture programme, or an individual supervised course of study.			
P	54 300-level INFO points		
LT	BA(Hons), BAppSc(Hons), BCom(Hons), BSc(Hons), MA, MAppSc, MCom, MSc, PGDipAppSc, PGDipArts, PGDipSci, PGCertAppSc		

Note: Admission subject to approval from the Head of Department.

INFO 490 Dissertation

NO	0.3333 EFTS	OC	40 points
A supervised research project on an approved topic leading to the production of a dissertation.			
LT	BA(Hons), BCom(Hons), BSc(Hons), PGDipArts, PGDipSci, MSc, MCom, MA		

Notes: (i) Admission normally requires at least a B average in the 300-level papers taken previously. (ii) Doing INFO 490 in a single semester is exceptional and requires approval from the Head of Department.

International Studies

INTS 502 International Politics

S1	0.25 EFTS	OC	30 points
Contending international theories, actors in the international system, security dimensions and key issues in global politics.			
LT	MIntSt		

INTS 503 The Global Economy

S2	0.25 EFTS	OC	30 points
The microeconomics of international trade and the macroeconomics of the world economy. The focus is on recent trends in, and likely prospects for, the global economy.			
LT	MIntSt		

INTS 504 International Legal Issues

S1	0.25 EFTS	OC	30 points
Gives a foundation in the basic principles of international law and examines the role of legal principles in world affairs on topics such as the use of force, law of the sea, self-determination, and human rights.			
LT	MIntSt		

INTS 509 Global Peace and Conflict

S2	0.25 EFTS	OC	30 points
Theoretical explanations for forms of organised violence and peace in the international system, and a critical introduction to post-conflict peace building and alternatives to the use of force and violence.			
LT	MIntSt		

INTS 590 Research Dissertation

N1, N2	0.5 EFTS	OC	60 points
A research project of not more than 20,000 words.			
LT	MIntSt		

Key S1: first semester; S2: second semester; ES: each semester; FY: full year; SS: Summer School; N1-7: non-standard periods*; NO: not offered in 2027; NO (20XX): not offered, expected to be offered in the year noted; OC: Paper is available on campus; DL: Paper is available by Distance Learning; DP: Departmental permission required; P: Prerequisite; C: Corequisite; PC: Prerequisite or corequisite; R: Restriction; LT: Limited to; RP: Recommended preparation; RC: Recommended concurrent study; L: Location paper is taught at, or from (if no location mentioned, paper is taught at, or from, Dunedin).

*Up-to-date information on non-standard periods, paper availability and class times is available at otago.ac.nz/courses/papers

L

Law

LAWS 490 Final Honours Research Paper

FY	0.1 EFTS	OC, DP	60 points
Writing of a major research paper, under supervision.			
LT	LLB(Hons)		

LAWS 491 International Tax Law and Policy

NO	0.125 EFTS	OC	15 points
Selected issues in international tax law and policy.			
P	96 LAWS points		
PC	Any 200-level LAWS paper not already passed		
R	LAWS 352		
LT	LLB, LLB(Hons)		
L	Wellington		

LAWS 492 The Law in the South Pacific

S1	0.125 EFTS	OC	15 points
Introduction to the concept and the role of law in the context of Pacific island states (excluding New Zealand and Australia).			
P	96 LAWS points		
PC	Any 200-level LAWS paper not already passed		
R	LAWS 353		
LT	LLB, LLB(Hons)		

LAWS 493 Global Governance and Law

S1	0.125 EFTS	OC	15 points
Examines legal concepts and perspectives concerning the characteristics and exercise of power on a global scale by varied actors, building on and extending beyond traditional (inter)national law analyses and doctrines.			
P	96 LAWS points		
PC	Any 200-level LAWS paper not already passed		
R	LAWS 358		
RP	LAWS 302 and LAWS 409 or LAWS 412 or LAWS 421 or LAWS 443 or LAWS 467 or LAWS 481		
LT	LLB, LLB(Hons)		

LAWS 498 Research and Writing

ES SS	0.0 EFTS	OC	0 points
A programme of research and writing undertaken in conjunction with other 300- and 400-level LAWS papers, to be completed in compliance with conditions prescribed by the Dean of Law.			
LT	LLB, LLB(Hons)		

LAWS 499 Advocacy Skills

S2	0.0 EFTS	OC	0 points
A programme to develop skills of oral advocacy, to be completed in compliance with requirements prescribed by the Dean of Law.			
LT	LLB, LLB(Hons)		

LAWS 512 Family Law

S1	0.125 EFTS	OL, OC, DL	15 points
A critical examination of principles and global developments that underpin New Zealand's family justice system, focusing upon ways the law impacts upon children, young people, parents, caregivers, families/whānau.			
R	LAWS 311, LAWS 411, LAWS 511		
LT	MBHL, PGDipBHL		

LAWS 515 Resource Management Law

NO	0.125 EFTS	OL, OC	15 points
An introduction to the principles of Resource Management Law.			
R	LAWS 315, LAWS 415		
LT	MPlan		

LAWS 521 International Environmental Law

S2	0.125 EFTS	OL, OC	15 points
An introduction to the principles and sources of international environmental law, and an investigation of current issues including the impact of and on state sovereignty, and tensions between trade and environment.			
R	LAWS 421		
LT	MPlan		
Note: May not be credited together with LAWS 479 passed in 2001, 2002, or 2005-2008.			

LAWS 528 Law and Emerging Technologies

S2	0.125 EFTS	OL, OC, DL	15 points
Introduction to the unique problems of attempting to regulate emerging technologies. It will consider: 'future-proofing' the law; descriptive and normative disconnection; regulating uncertain risks; ethical diversity and prudential pluralism.			
R	LAWS 428		
LT	MBHL, PGDipBHL		
Note: May not be credited together with LAWS 483 passed in 2012-2014.			

LAWS 540 Environmental Law

S1	0.125 EFTS	OL, OC	15 points
Analysis and assessment of the law relating to the use and protection of the natural environment.			
R	LAWS 440		
LT	MPlan		

LAWS 547 Law and Medicine

S1	0.125 EFTS	OL, OC, DL	15 points
Legal aspects of ethical and other issues in medical practice and research, such as the status of the foetus, alternative methods of reproduction, informed consent, confidentiality, death and dying, cadaveric transplantation.			
R	LAWS 447		
LT	MBHL, PGDipBHL		

LAWS 548 Law and Psychiatry

S1	0.125 EFTS	OL, OC, DL	15 points
A study of laws governing compulsory psychiatric treatment, particularly committed under the Mental Health Act and relations between the mental health and criminal justice systems.			
R	LAWS 448		
LT	MBHL, PGDipBHL		

LAWS 588 Accidents and the Law

S2	0.125 EFTS	OL, OC, DL	15 points
Selected issues on how the law responds to accidents.			
R	LAWS 488		
LT	PGDipBHL, MBHL		
Note: May not be credited together with LAWS 474 passed in 2018-2019.			

Linguistics

LING 415 Global Englishes and Multilingual Psycholinguistics

S1	0.25 EFTS	OC	30 points
Examination of the processes of perceiving and producing speech, including categorical perception, speech development, and their relation to linguistic theory. Includes a research component.			
R	LING 315		
LT	GDipSLT, PGDipArts, BA(Hons), MTESOL		

LING 421 Special Topic: Computer Assisted Language Learning

NO	0.25 EFTS	OC	30 points
Theories and practices around computer-assisted or technology-enhanced language learning and teaching. Includes history, possibilities, and challenges around technological tools for language development including AI, large language models, and popular apps.			
LT	BA(Hons), GDipSLT, PGDipArts, MA(Coursework), MTESOL		

LING 424 Linguistic Fieldwork

S2	0.25 EFTS	OC	30 points
A practical course in language documentation and description. Working with a speaker of an unfamiliar language, students use techniques of linguistic analysis to describe the grammar, especially phonology and syntax.			
P	LING 314		

LING 432 TESOL in Action: Teaching Practice

S2	0.25 EFTS	OC, DP	30 points
This practicum prepares students for classroom contexts. Students develop as reflective language teachers by observing professional teachers, teaching international students, evaluating peers and themselves teaching, and engaging in feedback discussions.			
R	LING 332		
LT	BA(Hons), GradDipSLT, PGDipArts, MA(Coursework), MTESOL		

LING 440 Advanced Research Essay

NO	0.25 EFTS	OC	30 points
A supervised course of advanced study and research in an approved topic in Linguistics, resulting in a research paper and a presentation. The topic will be selected by the student in consultation with the supervisor.			
LT	BA(Hons), MA(Coursework), MA(Thesis), MTESOL		

LING 490 Dissertation

FY, N1	0.5 EFTS	OC, DP	60 points
A dissertation of between 15,000 and 20,000 words.			
LT	BA(Hons), PGDipArts		

LING 495 Thesis Preparation

NO	0.3333 EFTS	OC	40 points
A year-long paper to introduce contemporary qualitative and quantitative research methods in linguistics and applied linguistics which are then extended into developing an individual research proposal.			
LT	MA(Thesis)		

LING 501 Language Learning & Development in Classroom Contexts

S1	0.25 EFTS	OC	30 points
An introduction to the processes of second language acquisition and bi/multilingual development in different instructed learning environments as well as research-informed instructional approaches targeting different aspects of language development.			
LT	MA(Coursework), MTESOL		

LING 502 TESOL Methodology

S2	0.25 EFTS	OC	30 points
An introduction to the theories and practices of teaching English to speakers of other languages (TESOL). It emphasises critical engagement with research and application of theory to teaching and professional development.			
PC	LING 501		
LT	MA(Coursework), MTESOL		

LING 503 Language Awareness for Teachers

N1	0.25 EFTS	OC	30 points
An introduction to the study of English language, including phonetics, grammar, morphology, semantics, pragmatics and discourse analysis. Emphasis is placed on how these areas of linguistic knowledge inform language teaching			
LT	MTESOL		

LING 590 Research Dissertation

N1, N2	0.5 EFTS	OC, DL, DP	60 points
A supervised research dissertation of up to 20,000 words on an approved topic.			
LT	MA(Coursework), MTESOL		

M

Management

MANT 437 Organisations and Sustainability

S1, N1 0.1667 EFTS OC, DL, DP 20 points

Examines how businesses are responding to sustainability and climate change in the current socio-economic context, and encourages students to create alternative scenarios of future business worlds.

R MANT 337

Note: The distance occurrences of this paper are only available to students enrolled in the MSusBus programme and the subject of Human Resource Management (HRM) in the MBus.

MANT 447 Contemporary Issues in Sustainable Business

S2, N1 0.1667 EFTS OC, DL, DP 20 points

Focuses on interactions between organisations, society and the environment by exploring concepts of sustainability at macro and micro levels. Climate change and sustainable transitions are considered in theory, research and organisational practice.

Note: The distance occurrences of this paper are only available to students enrolled in the MSusBus programme and the subject of Human Resource Management (HRM) in the MBus.

MANT 450 Governance and Social Responsibility

S2, N1 0.1667 EFTS OC, DL, DP 20 points

Evaluate and critique the concept of social responsibility, understand the context of it and how it functions operationally and at the governance level.

Note: The distance occurrences of this paper are only available to students enrolled in the MSusBus programme and the subject of Human Resource Management (HRM) in the MBus.

MANT 459 Indigenous Management & Organisation (Advanced)

S2 0.1667 EFTS OC 20 points

Analysis and application of an Indigenous Māori cultural framework as a lens to better understand contemporary organisational issues, such as bi-cultural governance, structure, ethical leadership and organisational behaviours.

R MANT 340

MANT 464 Employment Relations

N1 0.833 EFTS OC, DL 10 points

Examines the employer-employee legal relationship, by establishing the historical and societal foundations of workplace rights, and key processes such as collective bargaining, dispute resolution and performance management within New Zealand employment law context.

R MANT 346

MANT 465 Recruitment and Selection

N1 0.833 EFTS OC, DL 10 points

Examines strategic approaches to employee recruitment and selection, integrating theory with experiential learning to develop evidence-based decision-making, assessment design, and workforce planning aligned with organizational goals.

R MANT 347

MANT 466 Reward and Performance

N1 0.833 EFTS OC, DL 10 points

Analyses of strategic reward and performance management practices, integrating motivation theory with organizational strategy through experiential evaluation of remuneration, recognition, appraisal systems, job evaluation and their influence on employee engagement and organizational effectiveness.

R MANT 347

MANT 467 Learning and Development

N1 0.833 EFTS OC, DL 10 points

Integrates theory and experiential learning to enhance individual and organisational capability through training, leadership development, career planning, and continuous learning initiatives.

R MANT 339

MANT 471 International Business Strategy

S2 0.1667 EFTS OC 20 points

Students will develop an understanding of current international business strategy, context and structure as well as the issues managers face internationalising.

R MANT 460

MANT 472 Managing International Organisations

S1 0.1667 EFTS OC 20 points

Provide an in-depth overview of topics relevant to managing international organisations, including a critical review and evaluation of theories, conceptual frameworks, themes and recommendations that have influenced scholars and practitioners.

R MANT 454

MANT 543 Special Topic

NO 0.1667 EFTS OC, DL 20 points

Topics change year to year.

MANT 551 Strategic Change and Innovation

S1, N1 0.1667 EFTS OC, DL, DP 20 points

Consideration of seminal and contemporary literature in strategic management, change and innovation across a range of subject areas in order to develop an appreciation for key questions that lie ahead for research and practice.

R MANT 451

Note: The distance occurrences of this paper are only available to students enrolled in the MSusBus programme and the subject of Human Resource Management (HRM) in the MBus.

MANT 553 Human Resource Management

N1 0.1667 EFTS OC 20 points

Strategic evaluation of the role of people within organisations, critique of the motive behind how people act and critical engagement with literature to improve people practices.

R MANT 345 AND MANT 453

MANT 555 Leadership Development

N1 0.1667 EFTS OC, DL, DP 20 points

Leadership literature and strategic evaluation of the importance of leaders for business and society, taking into consideration their responsibilities and decision-making from a variety of perspectives.

R MANT 455

Note: The distance occurrences of this paper are only available to students enrolled in the MSusBus programme.

MANT 556 Global Operations Excellence

N1 0.1667 EFTS OC 20 points

Operations excellence and value chain best practice, and the relationship between operational capability, business performance, and the development of sustainable competitive advantage.

R MANT 333 AND MANT 456

Māori Health

MAOH 401 Hauora Māori Advanced Practice

S2 0.25 EFTS OC, DL, DP 30 points

Advanced study in applied aspects of health service design and provision to Māori individuals, whānau and communities, ensuring a line-of-sight between services, practice and equitable health outcomes.

Note: May not be credited with HASC 418 completed in 2020.

Māori Health BMedSc(Hons) Thesis, full time

FY 1 EFTS OC, DP 120 points

LT BMedSc(Hons)

Māori Studies

MAOR 401 He Whakarākai (Whakatieke)

NO 0.25 EFTS OC 30 points

An in-depth examination of old and contemporary sources as models for expressing ideas. This paper is taught in Māori.

PC MAOR 411 or MAOR 431

R MAOR 301

Notes: (i) Students may be admitted to this paper if they have completed the equivalent of MAOR 431 or MAOR 411 elsewhere. (ii) May not be credited with MAOR 410 completed in 2018 or 2019

MAOR 404 Toitū te Whenua – Land, Lore and Colonialism

S2 0.25 EFTS OC, DL 30 points

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.

P 36 300-level ANTH, GEOG, HIST, MAOR, MFCO or POLS points or 30 LAWS points at 300-level or above

R MAOR 504, MAOX 404

MAOR 407 Presenting Pacific Histories

S2 0.25 EFTS OC, DL 30 points

Themes and theories in the representation of Indigenous histories of Aotearoa and other Islands of the Pacific.

P 36 300-level HIST, INDS, MAOR, PACI points

R MAOR 507, MAOX 407

Note: Also available through the Distance Learning Programme.

MAOR 410 Special Topic

NO 0.25 EFTS OC, DL 30 points

Topics change year to year.

P 36 300-level INDV, MAOR or PACI points

MAOR 413 Te Tātari i Te Kaupapa – Māori and Indigenous Education

NO 0.25 EFTS OC, DL 30 points

A critical analysis of the inter-relationships between language, knowledge, culture and power in education in the struggle of indigenous peoples for self-determination, with a focus on empowering communities.

P Two 300-level EDUC, INDV, MAOR or PACI papers

LT BA(Hons), PGDipArts, MInDs

Note: May not be credited together with MAOR 410 passed in 2015.

MAOR 414 He Pūkōrero – Theory and Research Methodologies

NO 0.25 EFTS OC 30 points

Introduces theory and research methodologies by Māori, Pacific, Indigenous and Western intellectuals. Includes applied practicums introducing students to culturally appropriate research within Indigenous communities.

R MAOR 314

LT BA(Hons), PGDipArts

Key

S1: first semester; S2: second semester; ES: each semester; FY: full year; SS: Summer School; N1-7: non-standard periods; NO: not offered in 2027; NO (20XX): not offered, expected to be offered in the year noted; OC: Paper is available on campus; DL: Paper is available by Distance Learning; DP: Departmental permission required; P: Prerequisite; C: Corequisite; PC: Prerequisite or corequisite; R: Restriction; LT: Limited to; RP: Recommended preparation; RC: Recommended concurrent study; L: Location paper is taught at, or from (if no location mentioned, paper is taught at, or from, Dunedin).

**Up-to-date information on non-standard periods, paper availability and class times is available at otago.ac.nz/courses/papers*

MAOR 417 Special Topic

NO 0.25 EFTS OC 30 points
An examination of Māori tribal heritage as represented by taonga held within museum and national space.
P MAOR 312 or MAOR 331

MAOR 427 He Tuhituhinga

NO 0.25 EFTS OC 30 points
Taught in Māori, this paper examines Māori language texts to gain insight into Māori social, political and economic history. He āta tātari i ētahi tuhituhinga reo Māori mai rā anō ki nāianei e pā ana ki te hitori ā-hāpori, ā-tōrangapū, ā-ōhanga hoki o ngā iwi Māori.
P MAOR 311 or 331

MAOR 431 Te Kōhure

NO 0.25 EFTS OC 30 points
Taught in Māori, this is an advanced-level paper for students who have passed Te Māhuri. Ko te kaupapa he whakahōhonu, he whakawhānui i te reo o te hunga kua puta mai i Te Māhuri. Katoa ngā āhuatanga o tēnei o ngā akoranga kei te reo Māori.
P MAOR 312 or 331
R MAOR 411

MAOR 490 He Raukura

FY, N1 0.5 EFTS OC 60 points
A dissertation of between 15,000 and 20,000 words on an approved topic.
P 72 300-level MAOR points
LT BA(Hons), PGDipArts

MAOR 504 Toitū te Whenua – Land, Lore and Colonialism

S1 0.25 EFTS OC, DL 30 points
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.
R MAOX 404, MAOR 404
LT MIndS

MAOR 507 Presenting Pacific Histories

S2 0.25 EFTS OC, DL 30 points
Themes and theories in the representation of Indigenous histories of Aotearoa and other Islands of the Pacific.
R MAOX 407, MAOR 407
LT MIndS

MAOR 590 Research Dissertation

N1, N2 0.5 EFTS OC, DL, DP 60 points
A supervised research dissertation of up to 20,000 words on an approved topic, written in Māori or English.
LT MA(Coursework)

Marine Science

MARI 401 Advanced Methods in Marine Science

S1 0.1667 EFTS OC 20 points
Advanced methods and techniques in field marine science, laboratory and analytical techniques, scientific research project planning, scientific writing and presentation of findings.

MARI 403 Critical Thinking for Environmental Scientists

S1 0.1667 EFTS OC 20 points
Evaluation and presentation of environmental information to ensure robust and effective decision making in the environmental sector, including quality and integrity of scientific data, integration of data with political and cultural approaches, objectivism versus advocacy, and convincing presentation of complex findings.

Note: Open to any fourth-year student undertaking an environmentally related qualification.

MARI 429 Coastal Marine Environment

FY 0.1667 EFTS OC 20 points
An integrated approach to studying oceanography, water chemistry and productivity in the coastal marine environment. Includes project planning, data gathering and analysis.

Note: Admission subject to approval from Head of Department.

MARI 431 Antarctic and Southern Ocean Science

S2 0.1667 EFTS OC 20 points
Antarctic and Southern Ocean marine ecosystems, and biological adaptations to these challenging environments. Responses (via adaptation) of high-latitude marine species to past and future climate change.

Note: Admission subject to approval from Head of Department.

MARI 450 Special Topic: Applied Estuarine Ecology

NO(2028) 0.1667 EFTS OC, DP 20 points
A multi-disciplinary science approach to understanding the functioning of soft-sediment coastal ecosystems, from fundamental ecological principles through to human impacts. Experimental field ecology is at the core of learning.

LT BAppSc(Hons), PGDipSc, MSc

MARI 451 Advanced Topics in Marine Science

NO(2028) 0.1667 EFTS OC 20 points
A current literature-based course that develops critical thinking, experimental design and best practice in publishing research.

Note: Admission subject to approval from Head of Department.

MARI 480 Independent Project

N2 0.3333 EFTS OC 40 points
A supervised project involving research and leading to the production of a research report.

R MARI 481
LT PGDipSci

Note: Carried out over 9 to 10 months, involving an average of 12 to 13 hours of work per week.

MARI 490 Dissertation

N2 0.5 EFTS OC 60 points
A supervised project involving original research and leading to the production of a dissertation.

LT BSc(Hons)

Note: Carried out over 9 to 10 months, involving an average of 20 to 25 hours of work per week.

MARI 495 Master's Thesis Preparation

N2 0.3333 EFTS OC 40 points
Preparation of a thesis proposal/preliminary thesis research. Normally taken by students in the papers year for a Master's degree by papers and thesis.

LT MSc

Note: Carried out over 9 to 10 months, involving an average of 12 to 13 hours of work per week.

Marketing

MART 449 Creative Marketing for Behaviour Change, Sustainability and Social Good

S2 0.1667 EFTS DL 20 points
Explore the theoretical foundations of creative marketing and apply them to encourage behaviour change, specifically in the contexts of environmental conservation, sustainable development and social change.

MART 461 Marketing Theory

S1 0.1667 EFTS OC 20 points
The theoretical foundations of marketing as an academic discipline, its role in organisations, as well as its broader social and economic functions.

MART 548 Advanced Business Analytics

S2 0.1667 EFTS OC, DL, DP 20 points
Application of advanced analytics in a business context using SAS. Topics include: data access and integration, predictive modelling, design of experiments, survival modelling and text analytics.

R MART 448

MART 563 Food Marketing

S1 0.1667 EFTS OC 20 points
Factors affecting food marketing in New Zealand and internationally, and their influence on the development of the food industry including product development and marketing research for effective food marketing.

R MART 463

MART 564 Consumer Behaviour

N1 0.1667 EFTS OC 20 points
Recent developments and issues in consumer behaviour and consumer research.
R MART 464

MART 565 Marketing for Innovation and Entrepreneurship

S1 0.1667 EFTS OC 20 points
Marketing techniques used to create and evaluate innovative concepts and new entrepreneurial opportunities. This includes concept generation, product and service prototyping, product and service integration, concept testing and concept communication.

MART 566 Digital Marketing

S1 0.1667 EFTS OC 20 points
An introduction to the application of digital technology in marketing. Provides students with a deeper understanding of digital marketing theories and online tools available to marketers. Technical background is not required.

MART 567 Tourism Marketing

NO 0.1667 EFTS OC 20 points
The application of consumer behaviour and marketing theory to practical issues in providing tourism's core product: experiences. Includes an applied research opportunity with local businesses.

MART 570 Special Topic

NO 0.1667 EFTS 20 points

MART 574 Advertising and Branding

S1 0.1667 EFTS OC 20 points
Understand the role, function, tactical and strategic importance of brands and advertising both in the marketplace and in relation to ethical, social and environmental issues.

R MART 468, 469

Mathematics

MATH 421 Analytic Number Theory

S1 0.0833 EFTS OC 10 points
Number Theory is concerned with properties of integers, especially prime numbers. This paper gives a basic introduction to analytic number theory, which studies these objects using methods from analysis.

R MATH 401-412
LT BA(Hons), BSc(Hons), PGDipArts, PGDipSci, MA (Thesis), MSc, MAppSc, PGDipAppSc, PGCertAppSc

MATH 422 Functional Analysis

S2 0.0833 EFTS OC 10 points
Basic properties and foundational results of infinite dimensional normed vector spaces (function spaces) and linear operators acting on them.

R MATH 401-412
LT BA(Hons), BSc(Hons), PGDipArts, PGDipSci, MA (Thesis), MSc, MAppSc, PGDipAppSc, PGCertAppSc

MATH 423 Measure and Integration

S1 0.0833 EFTS OC 10 points
The theory and applications of the Lebesgue integral via measure theory. Application of ideas and methods from real analysis can be used to solve a variety of problems in mathematics.

R MATH 401-412
LT BA(Hons), BSc(Hons), PGDipArts, PGDipSci, MA (Thesis), MSc, MAppSc, PGDipAppSc, PGCertAppSc

MATH 424 Techniques in Applied Mathematics I

S2 0.0833 EFTS OC 10 points
Techniques for solving problems in applied mathematics, including exact, approximate, and iterative methods for solving linear and nonlinear ODEs, linear PDEs, boundary value problems, and integral equations.

R MATH 401-412
LT BA(Hons), BSc(Hons), PGDipArts, PGDipSci, MA (Thesis), MSc, MAppSc, PGDipAppSc, PGCertAppSc

MATH 425 Differential Geometry

S1	0.0833 EFTS	OC	10 points
Basic properties and foundational results of differential geometry and semi-Riemannian geometry, manifolds, tangent vectors and vector fields, covariant derivatives, geodesics and curvature.			
R	MATH 401-412		
LT	BA(Hons), BSc(Hons), PGDipArts, PGDipSci, MA (Thesis), MSc, MAppSc, PGDipAppSc, PGCertAppSc		

MATH 426 Techniques in Applied Mathematics II

S2	0.0833 EFTS	OC	10 points
Techniques for solving problems in applied mathematics, including dynamical systems theory, perturbation theory, multiple scales methods, boundary layer theory, solitons and nonlinear waves, and methods for solving stochastic differential equations.			
C	MATH 424		
R	MATH 401-412		
LT	BA(Hons), BSc(Hons), PGDipArts, PGDipSci, MA (Thesis), MSc, MAppSc, PGDipAppSc, PGCertAppSc		

MATH 427 Advanced Algebra

S1	0.0833 EFTS	OC	10 points
Fundamental properties and foundational results of group theory and Galois theory.			
R	MATH 401-412		
LT	BA(Hons), BSc(Hons), PGDipArts, PGDipSci, MA (Thesis), MSc, MAppSc, PGDipAppSc, PGCertAppSc		

MATH 428 Optimization

S1	0.0833 EFTS	OC	10 points
Theory and techniques of optimization for both continuous and discrete problems. Topics range from convex analysis to computational complexity.			
LT	BA(Hons), BSc(Hons), PGDipArts, PGDipSci, MA(Thesis), MSc		

MATH 429 Introduction to General Relativity

S1	0.0833 EFTS	OC	10 points
Mathematics of General Relativity. Reviews tensor analysis and differential geometry before discussing the field equations of General Relativity, Schwarzschild solution and black holes.			
LT	BA(Hons), BSc(Hons), PGDipArts, PGDipSci, MA(Thesis), MSc		

MATH 431 Topics in Advanced Mathematics

ES	0.0833 EFTS	OC	10 points
Topics in advanced mathematics. Techniques and applications covering the classical core of mathematics and its modern developments and applications. Details are available from the Department of Mathematics and Statistics.			
R	MATH 401-412		
LT	BA(Hons), BSc(Hons), PGDipArts, PGDipSci, MA (Thesis), MSc, MAppSc, PGDipAppSc, PGCertAppSc		

MATH 432 Topics in Advanced Mathematics

ES	0.0833 EFTS	OC	10 points
Topics in advanced mathematics. Techniques and applications covering the classical core of mathematics and its modern developments and applications. Details are available from the Department of Mathematics and Statistics.			
R	MATH 401-412		
LT	BA(Hons), BSc(Hons), PGDipArts, PGDipSci, MA (Thesis), MSc, MAppSc, PGDipAppSc, PGCertAppSc		

MATH 433 Topics in Advanced Mathematics

ES	0.0833 EFTS	OC	10 points
Topics in advanced mathematics. Techniques and applications covering the classical core of mathematics and its modern developments and applications. Details are available from the Department of Mathematics and Statistics.			
R	MATH 401-412		
LT	BA(Hons), BSc(Hons), PGDipArts, PGDipSci, MA (Thesis), MSc, MAppSc, PGDipAppSc, PGCertAppSc		

MATH 434 Topics in Advanced Mathematics

S2	0.0833 EFTS	OC	10 points
Topics in advanced mathematics. Techniques and applications covering the classical core of mathematics and its modern developments and applications. Details are available from the Department of Mathematics and Statistics.			
R	MATH 401-412		
LT	BA(Hons), BSc(Hons), PGDipArts, PGDipSci, MA (Thesis), MSc, MAppSc, PGDipAppSc, PGCertAppSc		

MATH 435 Topics in Advanced Mathematics

ES	0.0833 EFTS	OC	10 points
Topics in advanced mathematics. Techniques and applications covering the classical core of mathematics and its modern developments and applications. Details are available from the Department of Mathematics and Statistics.			
LT	BA(Hons), BSc(Hons), PGDipArts, PGDipSci, MA(Thesis), MSc		

MATH 436 Topics in Advanced Mathematics

S2	0.0833 EFTS	OC	10 points
Topics in advanced mathematics. Techniques and applications covering the classical core of mathematics and its modern developments and applications. Details are available from the Department of Mathematics and Statistics.			
LT	BA(Hons), BSc(Hons), PGDipArts, PGDipSci, MA(Thesis), MSc		

MATH 490 Dissertation

FY, N1	0.3333 EFTS	OC	40 points
A supervised project involving original research and leading to the production of a dissertation.			
LT	BA(Hons), BSc(Hons), PGDipArts, PGDipSci		

MATH 495 Master's Thesis Preparation

FY, N1	0.3333 EFTS	OC	40 points
Preparation of a thesis proposal/preliminary thesis research. Normally taken by students in the papers year for a Master's degree by papers and thesis.			
R	MATH 496		
LT	MSc, MA		

Media, Film and Communication

MFCO 401 Advanced Media, Film and Communication Theory

S1	0.25 EFTS	OC	30 points
Current issues and theoretical debates in Film, Media and Communication Studies and provides students with writing, research and organisational skills necessary for an Honours degree.			
P	54 300-level MFCO points		
R	MFCO 403		

MFCO 408 Screening Gender

NO	0.25 EFTS	OC	30 points
An examination of a topic or topics that address the intersection between cinema, gender and sexuality - such as the representation of women in film, cinema audiences and gender, desire and the gaze in the cinema.			
P	54 300-level MFCO or GEND points		

MFCO 411 Independent Study in Media, Film and Communication

S1	0.25 EFTS	OC	30 points
A supervised course of advanced study in an approved topic in Media, Film and / or Communication, resulting in a research paper and oral presentation.			
LT	BA (Hons), PGDipArts, MA(Coursework)		
SC	Arts and Music		

MFCO 412 Communicating the Self

NO	0.25 EFTS	OC	30 points
Frames communications as producing mediated identities. How consumer cultures and media intersect with identity and how identities are produced through interactions with commodities and media.			
P	54 300-level MFCO points		

MFCO 414 Discourse Theory and Practice

NO	0.25 EFTS	OC	30 points
Social practices in relation to media and society, the philosophical basis for concepts of discourse, and communication in a range of social contexts.			
P	54 300-level MFCO points		

MFCO 416 Communication Policy: Issues and Approaches

S2	0.25 EFTS	OC	30 points
Examines the role communication policy has on communicative possibilities in New Zealand, including consideration of Te Tiriti and regulatory impacts on Māori and Pasifika content, and internationally.			
P	54 300-level MFCO points		

MFCO 417 Postcolonial Media and Communication

S2	0.25 EFTS	OC	30 points
Critically examines structures of power, domination, and resistance in media and communication through post-colonial theory, analysing concepts including multiculturalism, globalism, hybridity, liminality, and decolonial futures.			
P	54 300-level MFCO points		

MFCO 441 Special Topic: Digital Asia

NO	0.25 EFTS	OC	30 points
Digital Asia provides an opportunity for students to engage critically and creatively with contemporary approaches to Asian digital media and communications.			
P	54 300-level MFCO points		
<i>Note: May not be credited with MFCO 332 when taken with the same content.</i>			

MFCO 490 Dissertation

FY, N1	0.5 EFTS	OC	60 points
A supervised dissertation of up to 15,000 words on an approved research topic.			
R	COMS 490, FIME 490		
LT	BA(Hons), PGDipArts		

MFCO 518 Global Audiences and Publics

S1	0.25 EFTS	OC	30 points
An advanced study of audiences and the reception of public and commercial communications. Global Audiences and Publics accounts for a diversity of global audiences, publics, fans and consumers.			
LT	MA (Coursework), MComms		

MFCO 590 Research Dissertation

N1, N2	0.5 EFTS	OC, DL, DP	60 points
A supervised research dissertation of up to 20,000 words on an approved topic.			
LT	MA(Coursework)		

Key S1: first semester; S2: second semester; ES: each semester; FY: full year; SS: Summer School; N1-7: non-standard periods*; NO: not offered in 2027; NO (20XX): not offered, expected to be offered in the year noted; OC: Paper is available on campus; DL: Paper is available by Distance Learning; DP: Departmental permission required; P: Prerequisite; C: Corequisite; PC: Prerequisite or corequisite; R: Restriction; LT: Limited to; RP: Recommended preparation; RC: Recommended concurrent study; L: Location paper is taught at, or from (if no location mentioned, paper is taught at, or from, Dunedin).

*Up-to-date information on non-standard periods, paper availability and class times is available at otago.ac.nz/courses/papers

Medical Laboratory Science

MELS 401 Advanced Diagnostic Chemical Pathology

ES	0.5 EFTS	DL	60 points
The advanced study of chemical pathology and clinical chemistry.			
R	MELX 401		
LT	BMLSc		

MELS 402 Clinical Microbiology

ES	0.5 EFTS	DL	60 points
A full-time placement undertaken in an approved medical microbiology laboratory over a period of one semester.			
R	MELX 402		
LT	BMLSc		

MELS 403 Clinical Virology

ES	0.5 EFTS	DL	60 points
A full-time placement undertaken in an approved medical virology laboratory over a period of one semester.			
R	MELX 403		
LT	BMLSc		

MELS 404 Diagnostic Molecular Pathology

ES	0.5 EFTS	DL	60 points
The study of human chromosomes, their abnormalities and relations to diseases, and the pre- and post-natal diagnosis of genetic disorders.			
R	MELX 404		
LT	BMLSc		

MELS 405 Cytopathology

ES	0.5 EFTS	DL	60 points
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.			
R	MELX 405		
LT	BMLSc		

MELS 406 Haematology

ES	0.5 EFTS	DL	60 points
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.			
R	MELX 406		
LT	BMLSc		

MELS 407 Histopathology

ES	0.5 EFTS	DL	60 points
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.			
R	MELX 407		
LT	BMLSc		

MELS 408 Transfusion Science

ES	0.5 EFTS	DL	60 points
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.			
R	MELX 408		
LT	BMLSc		

MELS 409 Clinical Immunology

ES	0.5 EFTS	DL	60 points
A full-time placement undertaken in an approved medical immunology laboratory over a period of one semester.			
R	MELX 409		
LT	BMLSc		

MELS 410 Medical Laboratory Science for Rural Health

ES	0.5 EFTS	DL, DP	60 points
A full-time placement undertaken in an approved rural or smaller provincial laboratory over a period of one semester.			
LT	BMLSc		

MELS 420 Medical Laboratory Science Practice for Honours

ES	0.5 EFTS	DL, DP	60 points
A clinical placement undertaken in an approved medical diagnostic laboratory.			
R	MELS 401-MELS 410		
LT	BMLSc(Hons)		

MELS 480 Medical Laboratory Science Research for Honours

ES	0.375 EFTS	OC, DP	45 points
A supervised research placement in an approved laboratory leading to the production of a written research report.			
LT	BMLSc(Hons)		
L	Dunedin, Christchurch, Wellington		

MELS 510 Advanced Medical Laboratory Science Practice

FY, N1, N2	0.375 EFTS	DL, DP	45 points
Course work in a Medical Laboratory Science discipline at an advanced level with an emphasis on current areas of research and emerging diagnostic techniques and their application in managing disease.			
LT	PGDipMLSc		
L	Dunedin, Christchurch, Wellington		

MELS 580 Research Project

FY, N1, N2	0.375 EFTS	OC	45 points
A supervised research project up to 15,000 words involving the development, implementation and reporting of an original topic in the student's area of professional interest.			
LT	PGDipMLSc		
L	Dunedin, Christchurch, Wellington		
<i>Note: MELS 580 is taught at the Dunedin School of Medicine and the Christchurch and Wellington Schools of Medicine and Health Sciences. However, not all 500-level MELS papers may be available at all three Schools of Medicine in any given year. Contact the Medical Laboratory Science Course Director for further details.</i>			

Medical Technology

MTEC 701 Biomedical Science for Medical Technicians

FY	0.25 EFTS	DL	30 points
Cardiovascular physiology and pathophysiology, respiratory physiology and pathophysiology, the physiology of sleep, and respiratory and cardiovascular pharmacology.			
R	MTEX 701		
LT	PGCertMedTech, PGDipMedTech		
L	Wellington		

MTEC 702 Physiological Monitoring for Medical Technicians

FY	0.25 EFTS	DL	30 points
The principles of physiological monitoring of cardiovascular, respiratory and neurological status, imaging, and the interpretation of physiological data.			
R	MTEX 702		
LT	PGCertMedTech, PGDipMedTech		
L	Wellington		

MTEC 703 Cardiovascular Science for Medical Technicians

FY	0.25 EFTS	DL	30 points
The physiology of the cardiovascular system and changes in cardiovascular function in abnormal physiological and pathological conditions.			
P	MTEC 701 or MTEX 701		
R	MTEX 703		
LT	PGDipMedTech		
L	Wellington		

MTEC 704 Cardiovascular Technology

FY	0.25 EFTS	DL	30 points
An understanding of the principles underlying the measurement of cardiovascular function, the interpretation of cardiovascular data, and therapeutic use of advanced cardiology technology.			
P	MTEC 702 or MTEX 702		
R	MTEX 704		
LT	PGDipMedTech		
L	Wellington		

MTEC 705 Sleep Medicine

FY	0.25 EFTS	DL	30 points
An understanding of normal sleep and factors that alter sleep and wakefulness, and pathophysiological sleep disorders.			
R	MTEX 705		
LT	PGDipMedTech		
L	Wellington		

MTEC 706 Sleep Technology

FY	0.25 EFTS	DL	30 points
An understanding of principles underlying the measurement of sleep and sleep-related disorders, and appropriate therapeutic interventions.			
P	MTEC 702 or MTEX 702		
R	MTEX 706		
LT	PGDipMedTech		
L	Wellington		

Microbiology

MICR 461 Molecular Microbiology

S1	0.1667 EFTS	OC	20 points
<i>Note: Students who are interested in this paper but are not majoring in Microbiology, Genetics, Biochemistry or Molecular Biotechnology are invited to discuss course content with the department.</i>			

MICR 462 Microbiology and Immunology Research

FY, N1	0.1667 EFTS	OC	20 points
LT	PGDipSci, MSc		
<i>Note: Students who are interested in this paper but are not majoring in Microbiology, Genetics, Biochemistry or Molecular Biotechnology are invited to discuss course content with the department.</i>			

MICR 463 Trends in Microbiology

S2	0.1667 EFTS	OC	20 points
<i>Note: Students who are interested in this paper but are not majoring in Microbiology, Genetics, Biochemistry or Molecular Biotechnology are invited to discuss course content with the department.</i>			

MICR 464 Medical Microbiology and Immunology

S1	0.1667 EFTS	OC	20 points
<i>Note: Students who are interested in this paper but are not majoring in Microbiology, Genetics, Biochemistry or Molecular Biotechnology are invited to discuss course content with the department.</i>			

MICR 480 Research Project

FY, N1	0.3333 EFTS	OC	40 points
A supervised project involving research and leading to the production of a research report.			
LT	PGDipSci		

MICR 490 Dissertation

FY, N1	0.5 EFTS	OC	60 points
A supervised project involving original research and leading to the production of a dissertation.			
LT	BAppSc(Hons), BSc(Hons)		

MICR 495 Master's Thesis Preparation

FY, N1	0.3333 EFTS	OC	40 points
Preparation of a thesis proposal/preliminary thesis research. Normally taken by students in the papers year for a Master's degree by papers and thesis.			
LT	MSc		

Microbiology BMedSc(Hons) Thesis Full-time

FY	1 EFTS	OC	120 points
LT	BMedSc(Hons)		

Ministry

MINS 405 Special Topic: Trauma-Informed Ministry

N1 0.1667 EFTS OC, DL 20 points
An exploration of what it means to be a human being by focusing on the theological implications of the experiences of people living with mental health challenges.

R PAST 307
LT BA(Hons), PGDipArts, PGCertChap, PGDipChap, MChap, BTheol(Hons), PGDipThe MThe PGDipMin, MMin

MINS 406 Theological Perspectives on Leadership

NO 0.1667 EFTS DL 20 points
Critical theological reflection on the nature of leadership, focusing on understandings and models of effective leadership, and the nature of congregations and other faith-based organisations as social and religious communities.

R MINX 406
LT MMin, PGDipMin, PGDipFBLM, MFBLM

MINS 407 Preaching and Communication in a Contemporary Context

NO 0.1667 EFTS DL 20 points
An exploration of communication issues that affect congregations and ministry organisations today, including interpreting the Bible and preaching in an increasingly secular world.

R PAST 311, PASX 311
LT MMin, PGDipMin, PGDipThe BTheol(Hons)

MINS 408 Cultures, Migration and Faith

S2 0.1667 EFTS DL 20 points
An exploration of mission and ministry in a diverse society, including understanding cultures, migration patterns, generational challenges, refugee issues, intercultural connections and bicultural commitments from the perspective of Christian faith.

R PAST 314
LT BA(Hons), PGDipArts, PGCertChap, PGDipChap, MChap, PGDipFBLM, MFBLM BTheol(Hons), PGDipThe MThe PGDipMin, MMin

Note: May not be credited together with PASX 308 or MINX 405 passed in 2012.

MINS 410 Pastoral Care in Dying, Grief and Loss

NO 0.1667 EFTS DL 20 points
The role of chaplains, ministers and other caregivers in situation of death, dying and loss, and the ways they can facilitate a healthy grieving process.

R PAST 318
LT BA(Hons), PGDipArts, PGCertChap, PGDipChap, MChap, BTheol(Hons), PGDipThe MThe PGDipMin, MMin

MINS 411 Chaplaincy in Diverse Contexts

S1 0.1667 EFTS DL 20 points
The role of the chaplain in diverse contexts, with particular emphasis on the forms of traumatic stress that chaplains deal with in each setting.

LT BA(Hons), PGDipArts, PGCertChap, PGDipChap, MChap, BTheol(Hons), PGDipThe MThe PGDipMin, MMin

MINS 412 Church in Mission: Theology in Changing Cultures (Advanced)

NO 0.1667 EFTS DL 20 points
A theologically rigorous and culturally informed understanding of re-forming Christian communal identity, bringing together perspectives of global theology, contemporary cultures and ecclesial study in a critical and constructive dialogue.

R PAST 320

MINS 413 Missional God, Missional People (Advanced)

NO 0.1667 EFTS DL 20 points
Scripture's story of the missional God and the ways that themes such as call, blessing and liberation have been experienced, re-imagined and lived out by God's people.

R PAST 321

Note: May not be credited together with PAST 308 or MINS 405 passed in 2014.

MINS 414 Christian Theology and the Arts (Advanced)

N1 0.1667 EFTS DL 20 points
An exploration of the role of the arts in expressing, shaping, nourishing and critiquing Christian faith and theology.

R PAST 322

MINS 415 Christian ministry in te ao Māori (the Māori World) (Advanced)

NO 0.1667 EFTS DL 20 points
Explores Christian ministry and theology in relation to te ao Māori (the Māori World) at an advanced level that critiques the role of clergy in relation to Māori expressions, understanding and practice of ministry within a historical and contemporary context.

R PAST 323
LT BTheol(Hons), PGDipThe PGDipMin, MMin, PGCertChap, PGDipChap, MChap, PGDipFBLM, MFBLM

MINS 416 Pastoral Theology: Pacific Perspectives

NO 0.1667 EFTS DL 20 points
An exploration of key issues facing Christian churches in the Pacific region and the distinct approaches of Christians in the Pacific to living out the Christian life.

R PAST 326
LT BA(Hons), PGDipArts, PGCertChap, PGDipChap, MChap, PGDip

Note: May not be credited together with PAST 225/325 taken in 2024

MINS 424 The Chaplain as Ceremonial Leader (Advanced)

S2 0.1667 EFTS DL 20 points
The roles that ceremony, symbolism and ritual play in chaplaincy and the expectation that chaplains will provide religious services across a wide range of contexts.

R PAST 324

MINS 590 Research Project

FY, N1 0.5 EFTS OC, DL 60 points
Supervised individual research on an approved topic.

R MINX 590
LT MChap, PGDipFBLM, MFBLM, MMin, PGDipMin

MINS 591 Research Project

ES, FY 0.25 EFTS OC, DL 30 points
A paper representing half of MINS 590 (normally taken by approved students in the second semester and again in the first semester of the following year).

LT MMin, PGDipMin

MINS 592 Research Project

ES 0.125 EFTS OC, DL 15 points
A single-semester paper representing a quarter of MINS 590 (normally taken by approved students in the second semester and again in the first semester of the following year).

LT MMin, PGDipMin

Musculoskeletal Medicine

MSME 701 Clinical Diagnosis

S1 0.125 EFTS OC, DP 15 points
Clinical diagnosis and evaluation of patients with musculoskeletal pain and dysfunction. Emphasis is on learning musculoskeletal clinical examination and diagnostic skills, with an evidence-based approach to the use of manual skills and clinical tests. This paper is restricted to medical graduates, and is a prerequisite for MSME709. 9-day on-campus course.

LT PGCertMSM, PGDipMSM
L Christchurch

MSME 702 Musculoskeletal Tissues

S1 0.125 EFTS DL 15 points
An evaluation of the normal and abnormal structure and function of neuromusculoskeletal tissues. Includes the anatomy, histology, physiology and pathology of these tissues.

LT MHealSc, PGCertHealSc, PGCertMSM, PGDipHealSc, PGDipMSM, PGDipPhy, MPhty
L Christchurch

MSME 703 Musculoskeletal Disorders

S2 0.125 EFTS DL 15 points
Clinical evaluation, assessment and management of a wide range of musculoskeletal disorders. Focuses on a clinical approach to musculoskeletal problems as they present in primary care.

LT MHealSc, PGCertHealSc, PGCertMSM, PGCertPhC, PGDipHealSc, PGDipMSM, PGDipPhC, PGDipPhy, MPhty
L Christchurch

MSME 705 Regional Disorders - Spine

NO(2028) 0.125 EFTS DL 15 points
An evaluation of the structure, function, disorders, and diseases of the vertebral column and its associated tissues. Includes an overview of anatomy, biomechanics, pathology, clinical assessment and treatment options.

LT MHealSc, PGCertHealSc, PGCertMSM, PGDipHealSc, PGDipMSM, PGDipPhy, MPhty
L Christchurch

MSME 706 Regional Disorders - Limbs

NO(2028) 0.125 EFTS DL 15 points
An evaluation of the structure, function, disorders and diseases of the limbs. Includes an overview of anatomy, biomechanics, pathology, clinical assessment and treatment options.

LT MHealSc, PGCertHealSc, PGCertMSM, PGDipHealSc, PGDipMSM, PGDipPhy, MPhty
L Christchurch

MSME 707 Musculoskeletal Management

S1 0.125 EFTS DL 15 points
Focuses on the prevention and rehabilitation of musculoskeletal disorders. Includes an overview of the principles of epidemiology, critical understanding and analysis of research, clinical decision analysis, and clinical epidemiology.

LT MHealSc, PGCertHealSc, PGCertMSM, PGDipHealSc, PGDipMSM, PGDipPhy, MPhty
L Christchurch

MSME 709 Clinical Therapeutics

S2 0.125 EFTS OC, DP 15 points
This paper is a progression from MSME 701. This is an on-campus, hands-on course, designed to teach postgraduate medical students specific practical clinical skills in the treatment of musculoskeletal disorders, including the assessment of efficacy according to the current evidence-based principles.

P MSME 701
LT PGCertMSM, PGDipMSM
L Christchurch

Key

S1: first semester; S2: second semester; ES: each semester; FY: full year; SS: Summer School; N1-7: non-standard periods*; NO: not offered in 2027; NO (20XX): not offered, expected to be offered in the year noted; OC: Paper is available on campus; DL: Paper is available by Distance Learning; DP: Departmental permission required; P: Prerequisite; C: Corequisite; PC: Prerequisite or corequisite; R: Restriction; LT: Limited to; RP: Recommended preparation; RC: Recommended concurrent study; L: Location paper is taught at, or from (if no location mentioned, paper is taught at, or from, Dunedin).

*Up-to-date information on non-standard periods, paper availability and class times is available at otago.ac.nz/courses/papers

MSME 710 Recreational and Sports Injuries

NO(2028)	0.125 EFTS	DL	15 points
Evaluation and management of musculoskeletal injuries and disorders associated with recreational and sporting pursuits. This includes the epidemiology, biomechanics, and classification of sports injuries, and the principles of injury assessment, treatment and rehabilitation.			
LT	MHealSc, PGCertHealSc, PGCertMSM, PGDipHealSc, PGDipMSM, PGDipPhy, MPhy		
L	Christchurch		

Music

MUSI 440 Performance Studies 4

ES, FY	0.25 EFTS	OC	30 points
Advanced tuition to develop solo performance skills.			
P	One of MUSI 340 or 343 (passed with a grade of at least B) or one of MUSI 341, 346, or PERF 302 – passed with a grade of at least B		
R	MUSI 442		

MUSI 443 Creative Project 1

FY, N1	0.5 EFTS	OC, DP	60 points
Students focus on an advanced creative project in performance, composition, or music production (or in a combination of these areas).			
P	One of MUSI 331, 332, 333, 334, or 343 (passed with at least a B+) or one of MUSI 341, 346, or PERF 302 – passed with at least a B+		
R	MUSI 431, 432, 441, 446		
LT	MusB(Hons), PGDipMus, MMus(Coursework)		

MUSI 471 Research Methods and Approaches (Advanced)

S2	0.25 EFTS	OC	30 points
Examines a variety of approaches and methods used in the study of the world's musics.			
P	72 300-level MUSI points		
R	MUSI 371		

MUSI 475 Music Performance Pedagogy (Advanced)

NO	0.25 EFTS	OC	30 points
Explores the theory and practice of teaching music performance successfully.			
P	18 300-level MUSI points		
R	MUSI 375		

MUSI 479 Performance, Health and Well-being (Advanced)

S2	0.15 EFTS	OC, DP	18 points
Advanced training in physical, mental and psychological skills for peak performance, to build a successful and sustainable career, prevent and reduce risks of injuries, enhance well-being, and develop.			
P	72 300-level points		
R	MUSI 379		

MUSI 486 Community Project (Advanced)

S1	0.25 EFTS	OC	30 points
Research project on a music topic in the community. Students apply research methods and knowledge to a research project of their own design.			
P	72 300-level MUSI points		
R	MUSI 386		

MUSI 487 Creative Practice

S2	0.25 EFTS	OC	30 points
The application of practice-led research in music, developing students' ability to use creative practice as a vehicle for advanced academic investigation and innovation.			
P	54 MUSI points		

MUSI 490 Dissertation

FY, N1	0.5 EFTS	OC	60 points
A dissertation of 15,000–20,000 words on an approved research topic.			
P	One of 207/307, 332, 333, 334, 266/366, 268/368, 269/369, 371, 375, 379, or 386		
LT	BA(Hons), MusB(Hons), PGDipArts, PGDipMus, MMus(Coursework)		

MUSI 543 Creative Project 2

N1, N2	0.5 EFTS	OC, DP	60 points
Students focus on an advanced creative project in performance, composition, or music production (or in a combination of these areas).			
C	MUSI 443		
LT	MMus(Coursework)		

MUSI 590 Research Dissertation

N1, N2	50 EFTS	OC, DL, DP	60 points
A supervised research dissertation of up to 20,000 words on an approved topic.			
LT	MA(Coursework)		

N

Neuropsychology

NPSY 701 Foundations of Applied Neuropsychology

S1	0.25 EFTS	DL	30 points
Focuses upon the principles of practice in neuropsychology in New Zealand- including bicultural and partnership approaches, introduction to models of neurocognition and neurodevelopment, and legal and ethical frameworks for practice.			
LT	PGDipNeuropsych		
L	Wellington		

NPSY 702 Applied Neuroscience in Neuropsychology

S1	0.25 EFTS	DL	30 points
Focuses upon the interface between clinical practice in neuropsychology and other neuroscience disciplines, including neurology, neurosurgery, neuroradiology and neurorehabilitation.			
LT	PGDipNeuropsych		
L	Wellington		

NPSY 703 Neuropsychology of Acquired Brain Injuries and Stroke

S2	0.125 EFTS	DL	15 points
Focuses upon the role of neuropsychological assessment and intervention with individuals with acquired brain injuries, including as a result of traumatic brain injury, cerebrovascular accidents, neurotoxicity and anoxic/hypoxic brain injury.			
LT	PGDipNeuropsych		
L	Wellington		

NPSY 704 Paediatric/Developmental Neuropsychology

S2	0.125 EFTS	DL	15 points
Focuses upon the developmental aspects of neuropsychology, particularly on disorders common in children and young people- including autistic spectrum conditions, childhood epilepsy, foetal alcohol syndrome and attention deficit hyperactivity disorder.			
LT	PGDipNeuropsych		
L	Wellington		

NPSY 705 Neuropsychology of Aging and Degenerative Conditions

S2	0.125 EFTS	DL	15 points
Focuses on neuropsychological aspects of aging, particularly on disorders commonly seen when working with older adults, including multiple forms of dementia, Parkinson's, cortico-basal degeneration, progressive supranuclear palsy and multiple sclerosis.			
LT	PGDipNeuropsych		
L	Wellington		

NPSY 706 Clinical Practice in Neuropsychology 1

FY	0.125 EFTS	DL	15 points
Represents the internship required for registration as a practising 'Neuropsychologist'. Students will be expected to work in an appropriate clinical setting under supervision from an approved supervisor.			
LT	PGDipNeuropsych		
L	Wellington		

NPSY 707 Clinical Practice in Neuropsychology 2

FY	0.125 EFTS	DL	15 points
Represents the internship required for registration as a practicing 'Neuropsychologist'. Students will be expected to work in an appropriate clinical setting under supervision from an approved supervisor.			
P	NPSY 706		
LT	PGDipNeuropsych		
L	Wellington		

Neuroscience

NEUR 452 Neurodegenerative Disorders

FY	0.1667 EFTS	OC, DP	20 points
Selected topics relating to the causes of neurodegenerative diseases.			

NEUR 453 Applied Human Neuroscience

S1	0.1667 EFTS	OC, DP	20 points
Exploration of how experimental neuromodulation can be used to support or refute current concepts of pathophysiology in clinical human neuroscience.			

Note: May not be credited together with NEUR 463 passed in 2016 or 2017 or with NEUR 472 passed in 2018.

NEUR 455 Sleep

NO	0.1667 EFTS	OC, DP	20 points
The physiology of sleep, sleep and circadian rhythms, and sleep and daytime performance.			

NEUR 456 Magnetic Resonance Imaging in Neuroscience

S1	0.1667 EFTS	OC, DP	20 points
Designing experiments which use magnetic resonance imaging of people, data analysis and interpretation. Use of basic computer coding and application of statistics, and interactive neuroimaging software for scientific communication.			
RP	STAT 210 or STAT 310		

Note: May not be credited together with NEUR 471 taken in 2021-2023

NEUR 459 Neuroendocrinology

N1	0.1667 EFTS	OC, DP	20 points
Control of the endocrine system by the brain and the reciprocal effects of hormones on brain structure and function.			

NEUR 471 Special Topic

NO	0.1667 EFTS	OC, DP	20 points
Topics change year to year.			

NEUR 473 Special Topic: Sensory Neuroscience

NO	0.1667 EFTS	OC, DP	20 points
Advanced concepts in sensory neuroscience.			
RP	PSYC 323		

NEUR 480 Research Project

FY, N1	0.3333 EFTS	OC, DP	40 points
A supervised project involving research and leading to the production of a research report.			
LT	PGDipSci		

NEUR 490 Dissertation

FY, N1	0.5 EFTS	OC, DP	60 points
A supervised project involving original research and leading to the production of a dissertation.			
LT	BSc(Hons), PGDipSci		

NEUR 495 Master's Thesis Preparation

FY, N1	0.3333 EFTS	OC, DP	40 points
Preparation of a thesis proposal/preliminary thesis research. Normally taken by students in the papers year for a Master's degree by papers and thesis.			
LT	MSc		

Nursing

NURS 403 Mental Health Nursing Practice

S1	0.25 EFTS	DL	30 points
Provision of a theoretical basis for mental health nursing through the use of a problem-based learning approach, and the incorporation of critical social theory as a basis for reflection on mental health nursing practice.			
R	NURX 403		
LT	MAdvNP, MHealSc, PGCertHealSc, PGDipHealSc		
L	Christchurch		

NURS 405 Health Assessment and Advanced Nursing Practice

ES	0.25 EFTS	DL	30 points
Enables the registered nurse to demonstrate health assessment knowledge and skills to meet the competencies required for advancing nursing practice. A period of mentored practice will integrate physical, psychosocial assessment and pathophysiology in the nurse's specialty area.			
R	NURX 405		
LT	MAdvNP, MHealSc, PGCertHealSc, PGDipHealSc		
L	Dunedin, Christchurch		

NURS 409 Mental Health Nursing Practicum

S2	0.25 EFTS	DL	30 points
Practicum offering clinical knowledge and skills for specialist mental health nursing and mental health care delivery. Critique of practice and application of research and theoretical principles to mental health nursing clinical practice.			
R	NURX 409		
LT	MAdvNP, MHealSc, PGCertHealSc, PGDipHealSc		
L	Christchurch		

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

NURS 411 Nursing – Critical Care and High Acuity

S2	0.25 EFTS	DL	30 points
Professional skills and knowledge related to clinical competence in areas such as high dependency, critical care and emergency nursing.			
R	NURX 411		
LT	MAdvNP, MHealSc, PGCertHealSc, PGDipHealSc		
L	Dunedin, Christchurch		

NURS 413 Primary Health Care Nursing – Rural/Urban

S2	0.25 EFTS	DL	30 points
This paper addresses specialist knowledge, problem-solving skills and technical competence in the area of primary health care nursing. It involves critique of practice and the application of research and theoretical principles to attain best practice standards. Students determine their focus as rural or urban studying their own scope of practice.			
LT	MAdvNP, MHealSc, PGCertHealSc, PGDipHealSc		
L	Christchurch		

NURS 415 Nursing Research Methods

S1	0.25 EFTS	DL	30 points
An advanced research methods paper designed to provide students with a working knowledge of a range of methods and analyses used in the field of nursing research. Content will include both qualitative and quantitative methodologies and address research ethics.			
R	HASC 419, NURX 415		
LT	MHealSc, PGDipHealSc		
L	Dunedin, Christchurch		

NURS 416 Nursing – Applied Pharmacology

S2	0.25 EFTS	DL	30 points
Covers bioscience and pharmacology informing registered nurse practice. Provides registered nurses with legal, ethical, prescribing and drug administration frameworks as described by the Nursing Council of New Zealand.			
R	NURX 416		
LT	MAdvNP, MHealSc, PGCertHealSc, PGDipHealSc		
L	Dunedin, Christchurch		

NURS 418 Nursing Education – Principles and Practice

S2	0.25 EFTS	DL	30 points
Addresses the principles of education theory and practice related to clinical and nursing education settings. Pedagogical approaches are introduced and the socio-political foundations for nursing education are evaluated.			
R	NURX 418		
LT	MHealSc, PGDipHealSc		
L	Christchurch		

NURS 423 Leadership and Management: Growing an Identity

S1	0.25 EFTS	DL	30 points
An introduction to contemporary theories of leadership and management as integrated into the discipline of nursing, including the changing health care environment, the tasks of nursing management, the process of nursing leadership, and cultural safety and nursing leadership in New Zealand.			
R	NURX 423		
LT	MHealSc, PGCertHealSc, PGDipHealSc		
L	Dunedin, Christchurch		

NURS 424 Leadership and Management: Quality & Strategic Change

S2	0.25 EFTS	DL	30 points
The application of theoretical knowledge, using cases to examine quality in the health care environment, strategic management for the nurse leader and the process of nursing leadership.			
R	NURX 424		
LT	MHealSc, PGCertHealSc, PGDipHealSc		
L	Dunedin, Christchurch		

NURS 426 Nursing – Gerontology

S2	0.25 EFTS	DL	30 points
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.			
R	HASC 404, NURX 426, HASX 404		
LT	MAdvNP, MHealSc, PGCertHealSc, PGDipHealSc		
L	Christchurch		

NURS 427 Long-term Conditions: Pathophysiology and Management

S1	0.25 EFTS	DL	30 points
Principles of effective long-term condition management, including pathophysiological concepts, for assessing the impact of chronic conditions and application with best practice clinical guidelines. Early detection, practice-based resources, patient self-management, and end of life care are addressed.			
R	NURX 427		
LT	MAdvNP, MHealSc, PGCertHealSc, PGDipHealSc		
L	Christchurch		

NURS 429 Therapeutics for Advanced Nursing

S2	0.25 EFTS	DL	30 points
Consolidation of knowledge and skills for the Registered Nurse in physical and psychosocial assessment, pathophysiology, pharmacotherapeutics and diagnostic reasoning essential to safely prescribe and manage clients under supervision.			
P	NURS 405 and NURS 416		
LT	MAdvNP, MHealSc, PGDipHealSc		
L	Christchurch		

NURS 433 Intellectual Disability: Theory into Practice

S1	0.25 EFTS	DL	30 points
The application of philosophical frameworks within practice to support individuals to optimise health, behavioural challenges and services access for people with intellectual disability across the lifespan.			
R	PSME 439		
LT	MAdvNP, MHealSc, PGCertHealSc, PGDipHealSc		
L	Christchurch		

NURS 434 Therapeutics: Knowledge and Integration

S1	0.25 EFTS	DL	30 points
This paper builds on prior learning to integrate conceptual frameworks in pharmaco and non-pharmacotherapeutic management. Students utilise physical and psychosocial assessment, differential diagnosis and clinical decision making for prescribing of medications, therapies, and appliances.			
P	NURS 405 or NURS 416		
L	Christchurch		

Note: Study is concurrent with 150 hours of supervised clinical practice.

NURS 435 Evidence Based Nursing Practice

S1	0.25 EFTS	DL	30 points
Acquisition of critical appraisal skills to interpret research and new knowledge for making clinical decisions in order to implement evidence-based nursing for populations and individuals.			
LT	MAdvNP		
L	Christchurch		

Note: Nurse Practitioner preparation students intending to take NURS 435 should contact the Centre for Postgraduate Nursing Studies for advice on enrolling via Special Permission.

NURS 441 Professional Nursing

N1	0.125 EFTS	OC	15 points
The professional basis of nursing practice, nursing theory and related concepts for nursing.			
LT	MNSc		
L	Christchurch		

NURS 442 Health Care in New Zealand

N1	0.125 EFTS	OC	15 points
The context of health care in New Zealand; health strategy, policy, structure and global influences; rural/urban communities and population influences; the significance of the Treaty of Waitangi.			
LT	MNSc		
L	Christchurch		

NURS 443 Nursing Science 1

N1	0.125 EFTS	OC	15 points
Normal anatomy and physiological function across the lifespan with an introduction to pathophysiological processes, genetics, immunology and microbiology. Particular foci on scientific principles that align with students' clinical placements.			
LT	MNSc		
L	Christchurch		

NURS 444 Nursing Science 2

N1	0.125 EFTS	OC	15 points
Extension of prior knowledge, using case-based approaches covering altered health states, complex pathological processes (including cancers) and autoimmune diseases. Introduction to pharmacological principles, medications and polypharmacy relating to cases and clinical practice.			
P	NURS 443 and NURS 445		
LT	MNSc		
L	Christchurch		

NURS 445 Introduction to Clinical Nursing Practice

N1	0.125 EFTS	OC	15 points
Introduction to nursing skills for assessment, planning and ongoing health care across the lifespan. Foundational technological and skill acquisition for safe practice and application of clinical judgement and clinical reasoning.			
LT	MNSc		
L	Christchurch		

Key S1: first semester; S2: second semester; ES: each semester; FY: full year; SS: Summer School; N1-7: non-standard periods*; NO: not offered in 2027; NO (20XX): not offered, expected to be offered in the year noted; OC: Paper is available on campus; DL: Paper is available by Distance Learning; DP: Departmental permission required; P: Prerequisite; C: Corequisite; PC: Prerequisite or corequisite; R: Restriction; LT: Limited to; RP: Recommended preparation; RC: Recommended concurrent study; L: Location paper is taught at, or from (if no location mentioned, paper is taught at, or from, Dunedin).

*Up-to-date information on non-standard periods, paper availability and class times is available at otago.ac.nz/courses/papers

NURS 446 Nursing Clients with Altered Health States

N1	0.125 EFTS	OC	15 points
Nursing skills and knowledge in caring for people with an acute illness, acute exacerbation of existing illness, susceptibility to life-threatening conditions, including pre-, peri- and postoperative care.			
P	NURS 443 and NURS 445		
LT	MNSc		
L	Christchurch		

NURS 447 Applied Nursing Research

N1	0.25 EFTS	OC	30 points
A research methods paper providing methods, analyses and ethics used in nursing research. Content will include quantitative and qualitative methodologies. Includes a clinically applied fieldwork component.			
LT	MNSc		
L	Christchurch		

NURS 471 Special Topic: Foundations of Infection Prevention and Control

S1	0.25 EFTS	DL	30 points
The paper will present the core business of IPC including fundamental principles in regard to standards and policies, environments, quality and risk, microbiology and epidemiology, and everyday IPC processes.			
LT	PGCertHealSc, PGDipHealSc, MHealSc, MAdvNP		
L	Christchurch		

NURS 472 Special Topic: Infection Prevention and Control in Practice

NO	0.25 EFTS	DL	30 points
The paper builds on the foundational IPC principles from which the student will develop the skills and knowledge to critically apply these in clinical/healthcare settings to manage pandemic planning and emergency responses to pandemics/outbreaks within a community/organisation.			
LT	PGCertHealSc, PGDipHealSc, MHealSc, MAdvNP		
L	Christchurch		

NURS 501 Nursing Science 3

N1	0.125 EFTS	OC	15 points
Integration of established science knowledge, pharmacokinetics and pharmacodynamics, informing clinical decisions. Study of cases emphasising integration of concepts, complexity and the holistic nature of care and interventions.			
P	NURS 441 and NURS 442 and NURS 444 and NURS 446		
LT	MNSc		
L	Christchurch		

NURS 502 Mental Health Nursing

N1	0.125 EFTS	OC	15 points
Nursing people who have a mental health condition.			
P	NURS 441 and NURS 442 and NURS 444 and NURS 446		
LT	MNSc		
L	Christchurch		

NURS 503 Nursing Clients with Complex Health States

N1	0.125 EFTS	OC	15 points
Nursing people with complex health needs, co-morbidity or disability. Knowledge and skills in applying appropriate models of care, including restorative, service integration across the continuum of care, and patient self-management.			
P	NURS 441 and NURS 442 and NURS 446		
LT	MNSc		
L	Christchurch		

NURS 504 Consolidation of Practice

N1	0.25 EFTS	OC	30 points
Extended period of clinical practice to demonstrate competency for entry to registered nurse practice.			
P	NURS 447 and NURS 501 and NURS 502 and NURS 503		
C	NURS 581		
LT	MNSc		
L	Christchurch		

NURS 530 Nurse Practitioner Prescribing Practicum

S2	0.25 EFTS	DL	30 points
Registered nurse students synthesise knowledge integrating assessment, diagnostic skills, clinical reasoning, applying treatments and consolidating prescribing practice under the guidance of an authorised prescriber.			
P	NURS 405 or NURS 416		
L	Christchurch		

NURS 531 Clinical Research Project

ES	0.25 EFTS	DL	30 points
Supervised research to design, implement and evaluate a clinical project in a relevant field. Students evaluate research findings, best practice principles and utilise theoretical frameworks to effect successful implementation.			
L	Christchurch		

NURS 580 Nursing Research Project

N1	0.25 EFTS	OC	30 points
Completion of a supervised research project demonstrating independent study.			
P	NURS 441 and NURS 442 and NURS 443 and NURS 444 and NURS 445 and NURS 446 and NURS 447		
LT	MNSc		
L	Christchurch		

NURS 581 Integration of Nursing Theory and Practice

N1	0.125 EFTS	OC	15 points
Completion of an in-depth case study demonstrating application of nursing frameworks and integration of theory, research and practice.			
P	NURS 447, NURS 501, NURS 502, NURS 503		
C	NURS 504		
LT	MNSc		
L	Christchurch		

NURS 582 Policy Analysis

N1	0.25 EFTS	OC	30 points
Completion of a policy analysis: The aim of this paper is for students to complete a policy analysis demonstrating independent nursing scholarship and the ability to translate findings into practice.			
P	NURS 441, NURS 442, NURS 443, NURS 444, NURS 445, NURS 446, NURS 447		
LT	MNSc		

NURS 590 Dissertation

N1-N4	0.5 EFTS	OC	60 points
A supervised dissertation presenting the results of an original study on a topic relevant to nursing.			
LT	MHealSc		
L	Christchurch		



Obstetrics and Medical Gynaecology

OBGY 712 Pre and Early Pregnancy Care

N1, N2	0.125 EFTS	DL, DP	15 points
Fundamental knowledge and skills for care of women planning pregnancy or wishing to avoid pregnancy, including contraception, pre-pregnancy counselling, antenatal education, the provision of antenatal care, and early pregnancy complications.			
R	OBGX 712		
LT	PGCertPMG, PGDipOMG		

Notes: (i) This paper is designed for the continuing professional education of health professionals involved in the provision of women's health care, and is also a compulsory paper for the Postgraduate Diploma in Obstetrics and Medical Gynaecology. (ii) Limited to 30 students per semester. (iii) For more information: www.otago.ac.nz/womens-health-postg

OBGY 713 Pregnancy Care in the Community

N1, N2	0.125 EFTS	DL, DP	15 points
Fundamental knowledge and skills in antenatal, birthing and postnatal care, including the care of pregnant women with chronic medical conditions, management of labour, common disorders in pregnancy, obstetric emergencies, postpartum issues, and resuscitation of the newborn.			
R	OBGX 713		
LT	PGCertPMG, PGDipOMG		

Notes: (i) This paper is designed for the continuing professional education of health professionals involved in the provision of women's health care, and is also a compulsory paper for the Postgraduate Diploma in Obstetrics and Medical Gynaecology. (ii) Limited to 30 students per semester. (iii) For more information: www.otago.ac.nz/womens-health-postg

OBGY 715 Medical Gynaecology I

N1, N2	0.125 EFTS	DL, DP	15 points
Fundamental knowledge and skills in management of a broad spectrum of women's reproductive health issues, including pubertal development, menopause, vulval conditions, menstrual disorders, sexual health and screening, and affirmation of gender and sexual diversity.			
R	OBGX 715		
LT	PGCertPMG, PGDipOMG		

Notes: (i) This paper is designed for the continuing professional education of health professionals involved in the provision of women's health care, and is also a compulsory paper for the Postgraduate Diploma in Obstetrics and Medical Gynaecology. (ii) Limited to 30 students per semester. (iii) For more information: www.otago.ac.nz/womens-health-postg

OBGY 716 Medical Gynaecology II

N1, N2	0.125 EFTS	DL, DP	15 points
Fundamental knowledge and skills in a range of gynaecological and sexual health issues, including fertility issues, urinary and gynaecological problems, abortion, interpersonal violence and sexual harm and common gynaecological cancers.			
R	OBGX 716		
LT	PGCertPMG, PGDipOMG		

Notes: (i) This paper is designed for the continuing professional education of health professionals involved in the provision of women's health care, and is also a compulsory paper for the Postgraduate Diploma in Obstetrics and Medical Gynaecology. (ii) Limited to 30 students per semester. (iii) For more information: www.otago.ac.nz/womens-health-postg

OBGY 717 Obstetrics and Gynaecology Clinical Training

FY	0.25 EFTS	DL, DP	30 points
Relevant anatomy and physiology of normal and abnormal labour, practical management of normal and abnormal labour, augmentation and induction of labour, maternal birth trauma and episiotomy, assisted vaginal delivery, caesarean section, third stage complications, management of intrauterine fetal death, obstetric shock, well women care, family planning, screening in gynaecology, climacteric, menstrual disorders, abnormal vaginal bleeding, vaginal discharge, urinary incontinence, malignancy of the genital tract, pelvic pain and dyspareunia, sexual assault, infertility, vulval lesions and quality assurance.			
R	OBGX 717		
LT	PGDipOMG		

Notes: (i) This practical training programme is a compulsory paper for the Postgraduate Diploma in Obstetrics and Medical Gynaecology. (ii) For more information: www.otago.ac.nz/womens-health-postg

OBGY 718 Obstetrics and Gynaecology Residential Course 1

N1, N3 0.125 EFTS DL, DP 15 points
Introduction to audioconferencing, communication and counselling skills, sexual assault management, preliminary labour ward management, preliminary gynaecology history and examination, introduction to ultrasound.

R OBGX 718
LT PGCertPMG, PGDipOMG
L Christchurch

Notes: (i) OBGY 718 and OBGY 719 involve independent learning and a residential course component of three days each. OBGY 718 and 719 are designed to bookend the OBGY 717 Clinical Training. We strongly recommend that PGDipOMG candidates complete OBGY 718 before their OBGY 717 clinical training and complete OBGY 719 towards the end of, or after, their clinical training. These papers may be taken separately by non-diploma candidates wishing to apply for a Certificate of Proficiency. (ii) For more information: www.otago.ac.nz/womens-health-postg

OBGY 719 Obstetrics and Gynaecology Residential Course 2

N1, N2 0.125 EFTS DL, DP 15 points
Revision of topics selected by candidates and tutors, obstetrics and gynaecology databases, New Zealand clinical management guidelines related to obstetrics and gynaecology.

R OBGX 719
LT PGCertPMG, PGDipOMG
L Christchurch

Notes: (i) OBGY 718 and OBGY 719 involve independent learning and a residential course component of three days each. OBGY 718 and 719 are designed to bookend the OBGY 717 Clinical Training. We strongly recommend that PGDipOMG candidates complete OBGY 718 before their OBGY 717 clinical training and complete OBGY 719 towards the end of, or after, their clinical training. These papers may be taken separately by non-diploma candidates wishing to apply for a Certificate of Proficiency. (ii) For more information: www.otago.ac.nz/womens-health-postg

OBGY 798 Special Topic

NO 0.125 EFTS DL 15 points

Obstetrics and Gynaecology BMedSc(Hons) Full-time

FY 1 EFTS OC 120 points
LT BMedSc(Hons)

Occupational Health

OCCCH 401 Occupational Health

S1 0.25 EFTS DL 30 points
Introduction to occupational health with an emphasis on the prevention of ill health caused by workplace hazards.

R OCCX 401
LT MHealSc, MPhy, PGCertHealSc, PGDipHealSc, PGDipPhy

OCCCH 402 Occupational Safety

S2 0.25 EFTS DL 30 points
Introduction to workplace safety with an emphasis on managing health and safety systems and resources.

R OCCX 402
LT MHealSc, MPhy, PGCertHealSc, PGDipHealSc, PGDipPhy

OCCCH 590 Dissertation

FY 0.5 EFTS OC 60 points
Supervised research of up to 15,000 words presenting an original hypothesis and using previously developed research methodology, reflecting the student's area of interest in occupational health or practice.

LT MHealSc

Ophthalmology

OPHT 801 Ophthalmic Anatomy

N1, N2 0.25 EFTS DL 30 points
Anatomy of relevance to the clinical practice of ophthalmology. In particular the eye, the visual pathways, the orbit, its contents and periorbital structures. The anatomy of the head and neck, neuro-anatomy and histology as it pertains to the visual system.

R OPHX 801
LT PGDipOphthBS

OPHT 802 Ophthalmic Physiology

N1, N2 0.25 EFTS DL 30 points
Physiology of the human eye and visual systems and related neuro-physiology, including the scientific application of psychophysical testing as a basis for current and future ophthalmic clinical practice.

R OPHX 802
LT PGDipOphthBS

OPHT 803 Ophthalmic Optics

N1, N2 0.25 EFTS DL 30 points
The application of the principles of physical, geometric, physiological optics and ultrasonography to current and future ophthalmic clinical practice, including instruments which facilitate the examination of the human eye and the detection of abnormalities that may degrade image formation in the human eye.

R OPHX 803
LT PGDipOphthBS

OPHT 804 Practical Ophthalmic Basic Sciences

Short Course 0.25 EFTS OC 30 points
The practical application of the principles of ophthalmic optics, anatomy and physiology to current and future ophthalmic clinical practice, including the use of equipment designed to assess or measure the functioning of the human eye, anatomical specimens, projections and models to illustrate the ocular and related anatomy.

LT PGDipOphthBS

Note: University of Sydney students, please apply for a Certificate of Proficiency in OPHT 804 by emailing international.enquiries@otago.ac.nz

Ophthalmology BMedSc(Hons) Thesis Full-time

FY 1 EFTS OC 120 points
LT BMedSc(Hons)

Oral Medicine

ORME 701 Oral Medicine I

N1 0.5 EFTS OC 60 points
A theoretical and practical paper on oral pathology, oral microbiology, and pharmacology and therapeutics aspects relevant to oral medicine.

LT PGDipClinDent

ORME 702 Oral Medicine II

N1 0.5 EFTS OC 60 points
A theoretical and clinical paper on oral medicine and orofacial pain.

LT PGDipClinDent

ORME 730 Oral Medicine PGDipClinDent Special Topics

NO 0.5 EFTS OC 60 points
LT PGDipClinDent

Oral Pathology

ORPA 701 Pathology and Microbiology

N1 0.5 EFTS OC 60 points
Topics in pathology and microbiology of relevance to the practice of oral pathology.

LT PGDipClinDent

ORPA 702 Diagnostic Oral Pathology I

N1 0.5 EFTS OC 60 points
Diagnostic oral pathology including theoretical and practical knowledge of histopathological diagnosis of common diseases of the oral region, preparation of gross specimens for oral and general pathology, and diagnostic general pathology relevant to oral pathology.

LT PGDipClinDent

Oral Surgery

ORSU 701 Oral Surgery

N1 0.5 EFTS OC 60 points
A theoretical and clinical paper on the diagnosis and management of oral surgical conditions.

LT PGDipClinDent

ORSU 702 Oral Medicine, Oral Pathology and Orofacial Pain

N1 0.5 EFTS OC 60 points
A theoretical and clinical paper on the diagnosis and management of oral conditions related to oral surgery.

LT PGDipClinDent

Orthopaedic Surgery

Orthopaedic Surgery BMedSc(Hons) Thesis Full-time

FY 1 EFTS OC 120 points
LT BMedSc(Hons)
L Dunedin, Christchurch

P

Pacific Studies

PACI 401 Tinā Pasifika - Women in Polynesian Communities

NO 0.25 EFTS OC, DL 30 points
Indigenous women's roles (traditional and contemporary) within selected Polynesian communities. Topics include birthing practices, kinship and relationship practices, and female physicality.

P PACI 301 or PACI 310 or 36 300-level ANTH, GEND, HIST, INDS, MAOR, PACI points
R MAOR 416, PACX 401

PACI 402 Resource Conservation and Environment in the Pacific

NO 0.25 EFTS OC, DL 30 points
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.

P PACI 301 or PACI 310 or 36 300-level ANTH, GEND, HIST, INDS, MAOR, PACI points
R PACX 402

PACI 405 Indigenous Leadership in the Pacific

S1 0.25 EFTS OC, DL 30 points
This paper examines the interface between western and Pacific forms of leadership to understand the current social, political and cultural impacts and challenges that exist within the Pacific milieu.

P PACI 301 or 310 or 36 300-level ANTH, GEND, HIST, INDS, MAOR, PACI points

Note: May not be credited with PACI 410 completed in

2018 and 2019.

PACI 410 Special Topic:

NO 0.25 EFTS OC, DL 30 points
Topics change year to year.

Key S1: first semester; S2: second semester; ES: each semester; FY: full year; SS: Summer School; N1-7: non-standard periods; NO: not offered in 2027; NO (20XX): not offered, expected to be offered in the year noted; OC: Paper is available on campus; DL: Paper is available by Distance Learning; DP: Departmental permission required; P: Prerequisite; C: Corequisite; PC: Prerequisite or corequisite; R: Restriction; LT: Limited to; RP: Recommended preparation; RC: Recommended concurrent study; L: Location paper is taught at, or from (if no location mentioned, paper is taught at, or from, Dunedin).

*Up-to-date information on non-standard periods, paper availability and class times is available at otago.ac.nz/courses/papers

PACI 490 Dissertation

FY 0.5 EFTS OC 60 points

A dissertation of up to 20,000 words on an approved research topic.

P PACI 301 and 54 300-level ANTH, CHTH, GEOG, HIST, INDS, MAOR, MUSI, PACI points
LT PGDipArts, BA(Hons)**PACI 590 Research Dissertation**

N1, N2 0.5 EFTS OC, DL, DP 60 points

A supervised research dissertation of up to 20,000 words on an approved topic.

LT MA(Coursework)

Paediatrics

Paediatrics BMedSc(Hons) Thesis Full-time

FY 1 EFTS OC 120 points

LT BMedSc(Hons)
L Dunedin, Christchurch, Wellington

Pain and Pain Management

PAIN 710 Introduction to Pain

S1 0.125 EFTS DL 15 points

An overview of the current understanding of pain as a multi-dimensional phenomenon, including: pain concepts and history; introduction to neuropathophysiology of nociceptive, inflammatory, neuropathic and nociplastic mechanisms; pain assessment; and the psychological, social and economic aspects of both acute and chronic pain.

R MSME 704
LT MHealSc, PGCertHealSc, PGCertMSM, PGCertPHC, PGDipHealSc, PGDipMSM, PGDipPHC, PGDipPhy, MPhy
L Christchurch**PAIN 711 Introduction to Pain Management**

S2 0.125 EFTS DL 15 points

Current understanding of the best practice principles for the management and treatment of musculoskeletal pain from a multi-dimensional perspective.

R MSME 708
LT MHealSc, MPhy, PGCertHealSc, PGCertMSM, PGDipHealSc, PGDipMSM, PGDipPhy
L Christchurch**PAIN 712 Pain Assessment**

S2 0.125 EFTS DL 15 points

Clinical pain assessment in the context of New Zealand.

R MSME 711
LT MHealSc, MPhy, PGCertHealSc, PGCertMSM, PGDipHealSc, PGDipMSM, PGDipPhy
L Christchurch**PAIN 713 Pain Neurobiology**

NO(2028) 0.125 EFTS DL 15 points

The current understanding of pain mechanisms, including nerve physiology, modulation, central nervous system changes in pain states, and chronic pain states with implications for treatment mechanisms.

P MSME 704 or PAIN 710
R PAIN 701
LT MHealSc, PGCertHealSc, PGDipHealSc, PGDipPhy, MPhy
L Christchurch**PAIN 714 Biomedical Pain Management**

S1 0.125 EFTS DL 15 points

The current understanding of the various biomedical modalities to treat musculoskeletal pain, including acute and chronic pain, nociceptive/inflammatory, neuropathic, and nociplastic mechanisms.

P PAIN 711 or MSME 708
LT MHealSc, PGCertHealSc, PGDipHealSc, PGDipPhy, MPhy
L Christchurch**PAIN 715 Psychosocial and Cultural Aspects of Pain**

NO(2028) 0.125 EFTS DL 15 points

Explores psychosocial and cultural concepts integral to the experience of acute and chronic pain, as well as those contextual factors influencing treatment providers involved in assessment and management of pain.

P (PAIN 710 or MSME 704) and (PAIN 711 or MSMS 708)
LT MHealSc, PGCertHealSc, PGDipHealSc, PGDipPhy, MPhy
L Christchurch

Pastoral Studies

PAST 480 Research Essay

FY, N1 0.1667 EFTS OC, DL 20 points

Topic in Pastoral Studies chosen by student in consultation with supervisor.

R PASX 480
LT PGDipThe BTheol(Hons)**PAST 490 Dissertation**

FY, N1 0.5 EFTS OC, DL 60 points

Supervised individual research on a topic in pastoral studies.

R PASX 490
LT PGDipThe BTheol(Hons)

Pathology

Pathology BMedSc(Hons) Thesis Full-time

FY 1 EFTS OC 120 points

LT BMedSc(Hons)
L Dunedin, Christchurch, Wellington

Peace and Conflict Studies

PEAC 501 Theories of Peace and Conflict

S1 0.25 EFTS OC, DL 30 points

An advanced introduction to the study of the empirically based, theoretical debates on the micro and macro causes of violence and armed conflict, and the potential and challenges of peacebuilding.

R PEAC 401
LT MPCS**PEAC 507 Critical Terrorism Studies**

S2 0.25 EFTS OC, DL 30 points

A critical understanding of contemporary terrorism and security issues through the theoretical framework of critical terrorism studies, and the intersections between peace studies and terrorism studies.

R PEAC 407
LT MPCS**PEAC 509 Indigenous Theories of Peace, Power and Justice**

S2 0.25 EFTS OC, DL 30 points

An examination of Indigenous theories and practices of peace, power, and justice, focusing on Māori, Moriori, and Pacific understandings of sovereignty, balance, and right relationship under conditions of ongoing colonisation.

LT MPCS

PEAC 510 Indigenous Approaches to Peacemaking: Land, Sovereignty and Resurgence

S1 0.25 EFTS OC, DL 30 points

Explores how Māori, Moriori, and Pacific communities use peacemaking, land-based knowledge, and relational governance to restore balance, assert authority, and strengthen wellbeing under settler colonialism.

LT MPCS

PEAC 590 Research Dissertation

N1, N2 0.5 EFTS OC, DL 60 points

A dissertation of up to 20,000 words on an approved research topic.

LT MPCS

PEAC 595 Practicum Project and Research Report

N1 0.5 EFTS OC 60 points

A 15,000 word research report (on peace and conflict issues) which synthesises their practicum learning experiences in New Zealand or overseas with appropriate practical and theoretical literature.

R PEAC 480
LT MPCS

Periodontology

PERI 701 Principles of Periodontology

N1 0.5 EFTS OC 60 points

An in-depth study of the scientific foundations of periodontology, including anatomy, epidemiology, pathogenesis, and philosophy of treatment of periodontal diseases.

LT PGDipClinDent

PERI 702 Clinical Periodontology

N1 0.5 EFTS OC 60 points

Clinical management of patients with pathology of the periodontal structures, including non-surgical and surgical procedures and pharmacotherapeutic methods.

LT PGDipClinDent

PERI 730 Periodontology PGDipClinDent Special Topics

NO 0.5 EFTS OC 60 points

LT PGDipClinDent

Pharmacology

PHAL 421 General Pharmacology and Toxicology

S1 0.1667 EFTS OC 20 points

PHAL 423 Neuropharmacology

S1 0.1667 EFTS OC 20 points

PHAL 428 Current Research Literature in Toxicology

NO 0.1667 EFTS OC 20 points

PHAL 430 Advanced Topic in Pharmacology and Toxicology

ES 0.1667 EFTS OC 20 points

PHAL 431 Special Project

ES 0.1667 EFTS OC 20 points

PHAL 480 Research Project

FY, N1 0.3333 EFTS OC 40 points

A supervised project involving research and leading to the production of a research report.

LT PGDipSci

PHAL 490 Dissertation

FY 0.5 EFTS OC 60 points

A supervised project involving original research and leading to the production of a dissertation.

LT BSc(Hons)

PHAL 495 Master's Thesis Preparation

FY, N1 0.3333 EFTS OC 40 points

Preparation of a thesis proposal/preliminary thesis research. Normally taken by students in the papers year for a Master's degree by papers and thesis.

LT MSc

Pharmacology BMedSc(Hons) Thesis Full-time

FY 1 EFTS OC 120 points

LT BMedSc(Hons)

Pharmacy

PHCY 510 Evidence-Based Practice

NO 0.25 EFTS DL 30 points

Fundamental skills and knowledge for medicines optimisation, including understanding the patient, clinical assessment, goal setting, critical appraisal, and designing an evidence-based plan of care.

R PHCY 541, PHCX 541
LT PGCertPharm, PGDipClinPharm**PHCY 511 Patient-Centred Care**

NO 0.25 EFTS DL 30 points

Fundamental skills and knowledge for a patient-centred approach to care, including understanding and managing variability in drug response between people, goal setting, clinical reasoning and decision making, designing and communicating a patient-centred treatment plan.

R PHCY 542, PHCX 542
LT PGCertPharm, PGDipClinPharm

PHCY 520 Applied patient-centred care

S1 0.25 EFTS **DL** 30 points
This paper builds on therapeutic decision making that was introduced in PHCY511 and extends the framework for dealing with uncertainty in more advanced care settings. Core clinical topics are then introduced at a more advanced level to provide a framework for applying patient-centred therapeutic decision making.

P (PHCY 510, PHCY 511) or (PHCY 541, PHCY 542)
R PHCY 522
LT PGDipClinPharm

PHCY 521 Elective topics in patient-centred care

S2 0.25 EFTS **DL** 30 points
This paper continues the direction of clinical decision making for therapeutics with a choice of elective topics covered in two modules. Students can choose one elective topic per module.

P PHCY 520
R PHCY 523
LT PGDipClinPharm

PHCY 590 Dissertation

FY, N1-8 0.5 EFTS **OC, DL** 60 points
A supervised dissertation of up to 20,000 words presenting the results of an original study on a relevant topic in the student's area of interest within pharmacy.

R PHCY 591, PHCX 590 and PHCX 591

Note: Admission is subject to approval from the Dean of the School of Pharmacy.

PHCY 621 Pharmacy Prescribing: Access and Equity

ES 0.25 EFTS **DL** 30 points
Provides students with the principles and applications that underpin pharmacist prescribing with a special focus on healthcare access and equity.

PHCY 622 Pharmacist Prescribing

ES 0.25 EFTS **DL** 30 points
Provides students with the opportunity to apply their clinical knowledge, health assessment skills and reflective prescribing practice in real world settings.

Philosophy

PHIL 401 Advanced History of Philosophy

NO 0.25 EFTS **OC** 30 points
A detailed study of a major 17th, 18th, or 19th century philosopher.

P 36 PHIL points at 200-level or above

PHIL 406 Why Be Moral?

S2 0.25 EFTS **OC** 30 points
What is morality good for? And why should I do right if doing wrong would pay better? Plato, Laclos, Dostoevsky and Shakespeare help answer these questions.

P 36 PHIL points at 200-level or above or
72 300-level CLAS, GREK or LATN points
R PHIL 335

Note: May not be credited together with PHIL 451 passed before 2002.

PHIL 413 Ethical Theory

NO 0.25 EFTS **OC** 30 points
What is well-being? What is its significance in personal life, ethics, and public policy? We seek the best philosophical answers to these questions.

P 36 PHIL points at 200-level or above
R PHIL 311, PHIL 338

PHIL 414 No-Ought-From-Is and the Slavery of Reason

NO 0.25 EFTS **OC** 30 points
This paper deals with three themes from David Hume and discusses their consequences for contemporary meta-ethics: The Slavery of Reason Thesis; The Motivation Argument; Hume's No-Ought-From-Is thesis.

P 36 PHIL points at 200-level or above
R PHIL 314

Note: May not be credited together with PHIL 458 passed before 2011.

PHIL 417 Advanced Issues in Foundational Philosophy

S1 0.25 EFTS **OC** 30 points
A detailed examination of issues in foundational philosophy drawn from metaphysics, epistemology, logic, philosophy of mathematics, philosophy of language, philosophy of mind, philosophy of science, or history of philosophy.

P 36 PHIL points at 200-level or above

PHIL 418 Advanced Problems in Applied Philosophy

S2 0.25 EFTS **OC** 30 points
A detailed examination of issues in applied philosophy drawn from ethics, political philosophy, philosophy of artificial intelligence, philosophy of religion, environmental philosophy, or social epistemology.

P 36 PHIL points at 200-level or above

PHIL 458 Special Topic

NO 0.25 EFTS **OC** 30 points
P 36 PHIL points at 200-level or above

PHIL 480 Research Essay

ES 0.25 EFTS **OC, DP** 30 points
A supervised research essay.

Note: Enrolment in this paper requires special approval from the Head of Department. Please contact the department before selecting this paper.

PHIL 490 Dissertation

FY, N1 0.5 EFTS **OC, DP** 60 points
A supervised dissertation of 12,000-16,000 words on an approved topic.

P 72 PHIL points at 300-level or above
LT BA(Hons), PGDipArts

PHIL 590 Research Dissertation

N1, N2 0.5 EFTS **OC, DL, DP** 60 points
A supervised research dissertation of up to 20,000 words on an approved topic.

LT MA(Coursework)

Physics

PHSI 421 Advanced Statistical Mechanics

S1 0.0833 EFTS **OC** 10 points
Advanced topics in many-body physics: the quantum ideal gas, classical and quantum transport phenomena, and phase transitions in interacting systems.

LT BSc(Hons), PGDipSci, MSc

PHSI 422 Upper Atmospheric and Space Physics

S2 0.0833 EFTS **OC** 10 points
Physics of Earth's atmosphere, our space environment, the Sun, and space plasma. The course provides students with a physical understanding of interactions in the Sun-Earth system.

LT BSc(Hons), PGDipSci, MSc

PHSI 423 Advanced Quantum Mechanics I

S1 0.0833 EFTS **OC** 10 points
Non-relativistic quantum mechanics, providing the theoretical underpinning to allow students to understand the fundamentals of Quantum Mechanics including Schrödinger and Heisenberg pictures of time evolution and time-independent perturbation theory.

LT BSc(Hons), PGDipSci, MSc

PHSI 424 Advanced Quantum Mechanics II

S2 0.0833 EFTS **OC** 10 points
Theoretical foundations for describing many-body quantum systems including time-dependent perturbation theory, second-quantization, and the theory of the degenerate Bose gas.

P PHSI 423
LT BSc(Hons), PGDipSci, MSc

PHSI 425 Advanced Electromagnetism

S1 0.0833 EFTS **OC** 10 points
Advanced classical electromagnetism. Electrodynamics formulated in terms of scalar and vector potentials, mechanical conservation laws for electromagnetism and an introduction to the theory of electromagnetic radiation.

LT BSc(Hons), PGDipSci, MSc

PHSI 426 Fluids, Instability and Turbulence

S2 0.0833 EFTS **OC** 10 points
Fluid mechanics is introduced through vector calculus and tensors approaches to the Navier-Stokes equations. These equations are applied to real-world examples (for example from Antarctica), instabilities and turbulence.

LT BSc(Hons), PGDipSci, MSc

PHSI 427 Linear Systems and Noise

S1 0.0833 EFTS **OC** 10 points
An introduction to the "systems" approach to solving physical problems: generalised functions, the Fourier transform, sampling and the FFT, causality and the Kramers-Kronig relations, noise processes and matched filtering.

LT BSc(Hons), PGDipSci, MSc

PHSI 437 Topics in Advanced Physics

NO 0.0833 EFTS **OC, DP** 10 points
Information on the topics available can be found at www.physics.otago.ac.nz

PHSI 438 Topics in Advanced Physics

NO 0.0833 EFTS **OC, DP** 10 points
Information on the topics available can be found at www.physics.otago.ac.nz

PHSI 480 Research Project

ES, FY 0.3333 EFTS **OC** 40 points
A supervised project involving research and leading to the production of a research report.

R PHSI 481
LT MSc, PGDipSci

PHSI 490 Dissertation

FY 0.5 EFTS **OC** 60 points
A supervised project involving original research and leading to the production of a dissertation.

LT BSc(Hons)

Physiology

PHSL 471 Systematic Physiology

FY, N1 0.1667 EFTS **OC, DP** 20 points
A seminar series exploring research frontiers in systems and integrative physiology through the study of contemporary papers from the scientific literature in each topic area.

PHSL 472 Neurophysiology

FY, N1 0.1667 EFTS **OC, DP** 20 points
A seminar series exploring research frontiers in neurophysiology through the study of contemporary papers from the scientific literature in each topic area.

PHSL 473 Cellular Physiology

NO 0.1667 EFTS **OC, DP** 20 points
A seminar series exploring research frontiers in cellular physiology through the study of contemporary papers from the scientific literature in each topic area.

PHSL 474 Research Topics

FY, N1 0.1667 EFTS **OC, DP** 20 points
A progressive and guided writing and literature survey exercise in areas of physiology that form the background to work undertaken in the research project.

Key S1: first semester; S2: second semester; ES: each semester; FY: full year; SS: Summer School; N1-7: non-standard periods*; NO: not offered in 2027; NO (20XX): not offered, expected to be offered in the year noted; OC: Paper is available on campus; DL: Paper is available by Distance Learning; DP: Departmental permission required; P: Prerequisite; C: Corequisite; PC: Prerequisite or corequisite; R: Restriction; LT: Limited to; RP: Recommended preparation; RC: Recommended concurrent study; L: Location paper is taught at, or from (if no location mentioned, paper is taught at, or from, Dunedin).

*Up-to-date information on non-standard periods, paper availability and class times is available at otago.ac.nz/courses/papers

PHSL 480 Research Project

FY, N1 0.3333 EFTS OC, DP 40 points
A supervised laboratory project involving original research and leading to the production of a research report.
LT PGDipSci

PHSL 490 Dissertation

FY, N1 0.5 EFTS OC, DP 60 points
A supervised project involving original research and leading to the production of a dissertation.
LT BSc(Hons), PGDipSci

PHSL 495 Master's Thesis Preparation

FY, N1 0.3333 EFTS OC, DP 40 points
Preparation of a thesis proposal/preliminary thesis research. Normally taken by students in the papers year for a Master's degree by papers and thesis.
LT MSc

Physiology BMedSc(Hons) Thesis Full-time

FY 1 EFTS OC 120 points
LT BMedSc(Hons)

Physiotherapy

PHTY 501 Theoretical Principles and Biomedical Sciences in Physiotherapy

S1 0.25 EFTS OC, DL 30 points
The integration of theoretical principles with biomedical sciences that underpin the philosophy, examination, and management practices in physiotherapy. Students will study topics appropriate to their clinical interests.
R PHTX 501
LT MPhty, PGCertPhty, PGDipPhty

PHTY 530 Theoretical Constructs in Clinical Practice

S2 0.25 EFTS DL 30 points
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.
R PHTY 561, PHTX 530 and PHTX 561
LT MPhty, PGDipPhty

PHTY 535 Advanced Physiotherapy Management

S2 0.25 EFTS OC, DL 30 points
Advanced level of knowledge, competence and skill in treatment, rehabilitation, and management for practising physiotherapists.
R PHTX 535
LT MPhty, PGCertPhty, PGDipPhty

PHTY 539 Occupational Health Physiotherapy

NO(2028) 0.25 EFTS DL 30 points
This paper is intended to provide practising physiotherapists with specific knowledge and skills to apply in occupational health practice, and includes the assessment, management, prevention and treatment of work-related musculoskeletal disorders, and the role of government regulatory bodies and statutory authorities in occupational health practice.
R PHTX 539
LT MPhty, PGCertPhty, PGDipPhty

PHTY 542 Sports Physiotherapy

S2 0.25 EFTS OC, DL 30 points
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.
R PHTX 542
LT MPhty, PGCertPhty, PGDipPhty, PGDipSEM

PHTY 543 Orthopaedic Manipulative Therapy

NO(2028) 0.25 EFTS OC, DL 30 points
Advanced study of clinical theory and practice in all elements of orthopaedic manipulative therapy.
R PHTY 541, PHTX 541, PHTX 543
LT MPhty, PGCertPhty, PGDipPhty

PHTY 545 Advanced Studies in Physiotherapy

ES 0.25 EFTS OC, DL 30 points
Study of clinical theory and practice in a specific area of physiotherapy.
LT MPhty, PGDipPhty

PHTY 561 Clinical Practice

S2 0.25 EFTS OC, DL 30 points
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.
R PHTY 530, PHTX 530 and PHTX 561
LT MPhty, PGDipPhty

PHTY 610 Research Methods

S1 0.25 EFTS OC, DL 30 points
Research design, evaluation, survey and qualitative methods.
R HASC 419, PHTY 510, PHTX 510, PHTX 610
LT MPhty, PGDipPhty

PHTY 650 Research Project

S2 0.25 EFTS OC, DL 30 points
A supervised research project of a standard likely to be published presenting the results of original research on a relevant topic within physiotherapy.
R PHTY 550, PHTX 550, PHTX 650
LT MPhty

Planning Studies

PLAN 435 Planning Thinking and Research: Case Study I

FY 0.25 EFTS OC 30 points
Group study of a local or regional planning issue; planning theories, debates, ethics, research design, data collection, analysis and report writing.
Note: Required for MPlan.

PLAN 438 Planning Practice and Law

FY 0.25 EFTS OC 30 points
The practice of planning in New Zealand, with particular emphasis on the statutory planning framework.
Note: Required for MPlan.

PLAN 535 Planning Thinking and Research: Case Study II

FY 0.25 EFTS OC 30 points
Group study of a local or regional planning issue; planning theories, debates, ethics, research design, data collection, analysis and report writing.
LT MPlan
Note: Required for MPlan.

Plant Biotechnology

PLBI 401 Frontiers in Plant Biotechnology

FY, N1 0.1667 EFTS OC 20 points
Advanced study of selected topics in plant biochemistry, physiology and molecular biology.
R PLBI 411

PLBI 480 Research Project

FY, N1 0.3333 EFTS OC 40 points
A supervised project involving research and leading to the production of a research report.
LT PGDipSci

PLBI 490 Dissertation

FY, N1 0.5 EFTS OC 60 points
A supervised project involving original research and leading to the production of a dissertation.
LT BAppSc(Hons), BSc(Hons)

PLBI 495 Master's Thesis Preparation

FY, N1 0.3333 EFTS OC 40 points
Preparation of a thesis proposal/preliminary thesis research. Normally taken by students in the papers year for a Master's degree by papers and thesis.
R PLBI 496
LT MSc

Politics

POLS 413 Political Theory for the Environment

S2 0.1667 EFTS OC 20 points
From environmental to ecological to multispecies and finally planetary justice we trace and evaluate conservative to radical political theories' attempts to include the nonhuman or more-than-human realms in the spheres of justice.
P 72 300-level POLS points
R POLS 513
Note: Students without these prerequisites may apply for special consideration from the Head of Programme

POLS 475 The Ethics and Politics of Resistance

NO 0.1667 EFTS OC 20 points
An exploration of the meaning of political authority and obligation, and an assessment of the possible permissions, duties and techniques that exist for people to resist injustice.
P 72 300-level points in POLS
R POLS 512
Note: The prerequisite for students taking the subject Philosophy, Politics and Economics is 36 300-level POLS points.

POLS 490 Dissertation

FY 0.5 EFTS OC, DL 60 points
A supervised research dissertation of up to 20,000 words on an approved topic.
P 72 points of POLS at 300-level
LT BA(Hons), PGDipArts, BCom(Hons)
Note: Interested students who do not meet the prerequisite should contact the department to discuss their eligibility.

POLS 501 The 'Political': Theory and Practice

S1 0.25 EFTS OC 30 points
An examination of the contested nature of the political and key methodological approaches to the study of politics both theoretically and in practice.
LT MPols

POLS 512 The Ethics and Politics of Resistance

NO 0.25 EFTS OC 30 points
An exploration of the meaning of political authority and obligation, and an assessment of the possible permissions, duties and techniques that exist for people to resist injustice.
R POLS 475
LT MPols

POLS 513 Political Theory for the Environment

S2 0.25 EFTS OC 30 points
From environmental to ecological to multispecies and finally planetary justice we trace and evaluate conservative to radical political theories' attempts to include the nonhuman or more-than-human realms in the spheres of justice.
P 72 300-level POLS points
R POLS 413
Note: Students without these prerequisites may apply for special consideration from the Head of Programme.

POLS 520 New Zealand Government and Politics

S2 0.25 EFTS OC 30 points
In-depth analysis and evaluation of New Zealand political institutions and their role in policy making.
LT MPols

POLS 521 Politics and Society

NO 0.25 EFTS OC 30 points
The politics of class, gender, and ethnic inequality in New Zealand, with some comparative reference to the US and Europe.
R POLS 404
LT MPols

POLS 540 International Relations Theory

S2 0.25 EFTS OC 30 points
The basic theories and debates in the international relations theory literature. Theories covered include: realism, liberalism, constructivism, Marxism.
LT MPols

POLS 541 International Relations and the Global South

S1	0.25 EFTS	OC	30 points
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Critical examination of depictions and theorisation of the Global South in theories of international relations and general concepts of world politics.

LT MPols

Note: May not be credited with POLS 433 passed in 2009, 2010, 2012, 2013 or 2014.

POLS 550 Comparative Regional Conflicts

S1	0.25 EFTS	OC	30 points
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Comparative consideration of sources, dynamics, and implications of regional conflicts, for example in Eastern Europe and the Middle East. Exploration of interactions of local and international politics in regional crises.

LT MPols

POLS 590 Research Dissertation

N1, N2	0.5 EFTS	OC, DP	60 points
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A supervised research dissertation of up to 20,000 words on an approved topic in politics.

LT MPols

Preventative and Social Medicine

Preventive and Social Medicine BMedSc(Hons) Thesis Full-time

FY	1 EFTS	OC	120 points
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LT BMedSc(Hons)

Primary Health Care

PRHC 701 New Zealand Primary Health Care

S1	0.25 EFTS	DL	30 points
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The structure, process and context of primary health care in New Zealand. Focuses on interdisciplinary collaboration, anticipating future changes to primary health care delivery in one's professional context.

R PRHX 701

LT MPHIC, PGCertGP, PGCertPHC, PGDipGP, PGDipPHC, PGDipRCP, MHealSc, PGDipHealSc

L Wellington

PRHC 702 Wilderness and Expedition Medicine

NO(2028)	0.25 EFTS	DL, DP	30 points
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Overview of planning and preparation for activities including expeditions in wilderness environments. This includes medical problems associated with these environments and providing medical care in the outdoors.

LT PGCertTravMed, PGDipGP, PGDipPHC, PGDipRCP, PGDipTravMed, MHealSc, PGDipHealSc

L Wellington

Note: Includes residential period/s.

PRHC 703 Strategy and Leadership in Primary Health Care

NO	0.25 EFTS	DL	30 points
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Focuses on strategic planning to improve practice, quality and safety of primary health care in New Zealand, reducing disparities in health outcomes, and fostering inter-professional capability including advanced skills in teamwork and collaborative leadership.

L Wellington

Project Management

PMAN 401 Project Management

S1	0.15 EFTS	OC	18 points
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An introduction to basic project management, including the four phases of projects (initiation/feasibility, planning, implementation and completion) and consideration of resources involved (i.e. people, money, equipment, time, machines, and materials). Contract law and contract management. Project management techniques. Methods of project delivery.

P 252 points

R PMAN 501, SURV 403

SC Science

Note: For further information contact the Dean of the School of Surveying.

PMAN 501 Advanced Project Management

S1	0.1667 EFTS	OC	20 points
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An introduction to basic project management, including the four phases of projects (initiation/feasibility, planning, implementation and completion) and consideration of resources involved (i.e. people, money, equipment, time, machines, and materials). Contract law and contract management. Project management techniques. Methods of project delivery.

R PMAN 401, SURV 403

Psychological Medicine

PSME 401 Nature, Extent and Assessment of Mental Disorders

S1	0.25 EFTS	OL, DL	30 points
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R PSMX 401

LT MHealSc, PGCertHealSc, PGDipHealSc

PSME 404 Addiction Assessment

S1	0.25 EFTS	DL	30 points
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A clinical paper addressing assessment, formulation, treatment planning and communicating clinical findings, in people with addiction and co-existing disorders.

R PSMX 404

LT MHealSc, PGCertHealSc, PGCertPHC,

PGDipHealSc, PGDipPHC

L Dunedin, Christchurch

Note: Students must have worked in a clinically relevant role for at least two years before commencing this paper, and at the time of study must be working clinically in a similar therapeutic role.

PSME 405 Trauma and Mental Health Practice

S2	0.25 EFTS	DL	30 points
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Collaborative approaches that enhance the self-managing capacities of people experiencing mental disorders. Exploration of frameworks that underpin models of care and lead to more effective outcomes.

LT MHealSc, PGCertHealSc, PGDipHealSc

L Dunedin, Christchurch

PSME 406 Research Methods: Mental Health

S2	0.25 EFTS	DL	30 points
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R HASC 419, PSMX 406

LT MHealSc, PGCertHealSc, PGDipHealSc

L Dunedin, Christchurch, Wellington

PSME 407 Forensic Psychiatry

NO(2028)	0.25 EFTS	DL	30 points
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The principles and practice of forensic psychiatry.

LT MHealSc, PGCertHealSc, PGDipHealSc

L Dunedin, Christchurch

Note: Students will require evidence of suitable clinical experience to be admitted to this paper.

PSME 422 Addiction Treatment

S2	0.25 EFTS	DL	30 points
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A companion paper to PSME 404 addressing the clinical process of treatment and management of people with addiction and co-existing disorders, following assessment.

R PSMX 422

LT MHealSc, PGCertHealSc, PGCertPHC,

PGDipHealSc, PGDipPHC

L Dunedin, Christchurch

Note: Students must have worked clinically for at least two years before commencing this paper, and at the time of study must be working clinically in a therapeutic setting.

PSME 424 Addiction Pharmacotherapy

NO	0.25 EFTS	DL	30 points
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A clinical paper addressing the use of medications in the treatment and management of people with addiction and co-existing disorders, with a particular focus on opioid substitution treatment.

LT MHealSc, PGCertHealSc, PGDipHealSc

L Dunedin, Christchurch

Note: Students must have worked clinically for at least two years before commencing this paper, and at the time of study must be working clinically in a therapeutic setting.

PSME 432 Introduction to Perinatal Psychiatry

NO(2028)	0.25 EFTS	DL	30 points
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An outline of the full range of psychiatric disorders as they present during pregnancy and the first postnatal year. Also includes the adaptive demands on the mother and family during the perinatal period.

LT MHealSc, PGCertHealSc, PGDipHealSc

L Christchurch

Note: Candidates must possess an appropriate health professional qualification and have at least two years postgraduate clinical experience.

PSME 433 Introduction to Infant Mental Health

S1	0.25 EFTS	DL	30 points
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Provides an understanding of development and attachment in the context of the perinatal period and first 1000 days.

R PSMX 433

LT MHealSc, PGCertHealSc, PGDipHealSc

L Christchurch

Note: Candidates must possess an appropriate health professional qualification and have at least two years postgraduate clinical experience.

PSME 439 Intellectual Disability: Theory into Practice

S1	0.25 EFTS	DL	30 points
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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.

R NURS 433 and PSMX 439

LT MHealSc, PGCertHealSc, PGDipHealSc

L Christchurch

PSME 455 Foundational Clinical Practice in EMDR Therapy

FY	0.25 EFTS	DL	30 points
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Focuses upon the principles and practice of EMDR Therapy in Aotearoa New Zealand- including bicultural and partnership approaches to EMDR Therapy, introduction to models of information processing, and legal and ethical frameworks for practice.

L Wellington

Notes: Students applying for this paper will already have a mental health qualification. All students will be required to have (1) full registration with a regulatory authority under the Health Practitioners Competency Assurance Act (or an acceptable full membership of a Professional Association); (2) Four years of experience in clinical practice in one-to-one therapies, within a mental health field; (3) a university qualification in a relevant mental health field of at least a Post Graduate Diploma level; and (4) a current work role in a therapies setting where they have access to suitable clients

Key S1: first semester; S2: second semester; ES: each semester; FY: full year; SS: Summer School; N1-7: non-standard periods*; NO: not offered in 2027; NO (20XX): not offered, expected to be offered in the year noted; OC: Paper is available on campus; DL: Paper is available by Distance Learning; DP: Departmental permission required; P: Prerequisite; C: Corequisite; PC: Prerequisite or corequisite; R: Restriction; LT: Limited to; RP: Recommended preparation; RC: Recommended concurrent study; L: Location paper is taught at, or from (if no location mentioned, paper is taught at, or from, Dunedin).

*Up-to-date information on non-standard periods, paper availability and class times is available at otago.ac.nz/courses/papers

PSME 456 Advanced Clinical Practice in EMDR Therapy

FY	0.25 EFTS	DL, DP	30 points
Focuses upon the advanced practice of EMDR Therapy practice in Aotearoa New Zealand – including treatment of complex psychological presentations.			
P	PSME 455		
L	Wellington		

Notes: Students applying for this paper will already have a mental health qualification and will have successfully completed PSME 455. Applicants who have completed EMDR Therapy Basic Training in New Zealand are able to apply directly for entry to PSME 456 without completing PSME 455. Those applicants will need to demonstrate competency in the use of EMDR Therapy by submitting a written Case Conceptualisation using the Adaptive Information Processing (AIP) model and a videotaped interview of the use of the Standard EMDR Therapy protocol. Guidelines will be made available to applicants. All students will be required to have (1) full registration with a regulatory authority under the Health Practitioners Competency Assurance Act (or an acceptable full membership of a Professional Association); (2) Four years of experience in clinical practice in one-to-one therapies, within a mental health field; (3) a university qualification in a relevant mental health field of at least a Post Graduate Diploma level; and (4) a current work role in a therapies setting where they have access to suitable clients.

PSME 580 Dissertation

ES, FY	0.5 EFTS	OC	60 points
A supervised dissertation of up to 20,000 words presenting the results of an original study on a relevant topic in the student's area of interest within psychological medicine.			
LT	MHealSc		
L	Dunedin, Christchurch		

Psychological Medicine BMedSc(Hons) Thesis Full-time

FY	1 EFTS	OC	120 points
LT	BMedSc(Hons)		
L	Dunedin, Christchurch		

Psychology

PSYC 401 Behaviour Analysis

S1	0.0833 EFTS	OC	10 points
Experimental analysis of behaviour and its application in clinical and nonclinical problems.			
R	PSYC 465		

Note: Admission requires an average grade of at least B+ in 300-level PSYC papers and satisfactory performance in PSYC 311.

PSYC 402 Assessment in Child and Adolescent Clinical Psychology

S2	0.0833 EFTS	OC	10 points
Review of approaches for measuring the cognitive, behavioural, and social-emotional functioning of children.			
RP	PSYC 332		

Note: Students must also have been provisionally admitted to the PGDipCIPs programme.

PSYC 403 Adult Psychopathology

S1	0.0833 EFTS	OC	10 points
Advanced topics in abnormal psychology. Features, pathogenesis, and causes of mental disorder.			
RP	PSYC 332		

Note: Students must also have been provisionally admitted to the PGDipCIPs programme.

PSYC 404 Assessment in Clinical Psychology Practice

S1	0.0833 EFTS	OC	10 points
Topics in psychometric theory and the assessment of clients with psychological disorders.			
RP	PSYC 332		

Note: Students must also have been provisionally admitted to the PGDipCIPs programme.

PSYC 405 Clinical Neuropsychology

S2	0.0833 EFTS	OC	10 points
Advanced topics in the assessment and remediation of clients with neurological deficits.			
RP	PSYC 332		

Note: Students must also have been provisionally admitted to the PGDipCIPs programme.

PSYC 406 Foundations of Clinical Intervention

S2	0.0833 EFTS	OC	10 points
The application and efficacy of cognitive-behavioural therapy techniques.			
RP	PSYC 332		

Note: Students must also have been provisionally admitted to the PGDipCIPs programme.

PSYC 407 Professional Practice and Engagement

S2	0.0833 EFTS	OC	10 points
Cultural engagement and professional, ethical, and legal issues in mental health and addictions practice, including Māori and Pacific frameworks, ethical decision-making, and navigating controversy.			
P	PSYC 203		
RP	PSYC 332		
LT	PGDipPAI		

Note: Entry into Psychology 400-level normally requires a major in Psychology, a B+ average or higher in Psychology 300-level papers, and a pass in PSYC 311 Quantitative Methods. Students from other universities must show evidence of an equivalent level of competence. We highly recommend that students have completed PSYC 203 or equivalent.

PSYC 421 Advanced Research Methods

S2	0.0833 EFTS	OC	10 points
Development of critical reading, writing and thinking skills necessary for designing research and assessing the usefulness of the research of others.			
R	PSYC 461		

PSYC 422 Contemporary Issues in Psychology

S1	0.0833 EFTS	OC	10 points
Critical and lively discussion of current and controversial issues in clinical, social, developmental, cognitive and biological psychology.			
R	PSYC 462		

PSYC 423 Advanced Topics in Health Psychology

S2	0.0833 EFTS	OC	10 points
Exploration of advanced theoretical, methodological and empirical issues in health psychology.			
R	PSYC 470		

PSYC 425 Advanced Topics in Behaviour Analysis

NO(2028)	0.0833 EFTS	OC	10 points
Exploration of methodological, empirical and theoretical issues in areas of experimental and applied behaviour analysis.			
R	PSYC 465		

PSYC 426 Social Cognition

S2	0.0833 EFTS	OC	10 points
Exploration of theoretical and methodological issues in modern social psychology.			
R	PSYC 466		

PSYC 428 Culture and Development

S2	0.0833 EFTS	OC	10 points
Exploration of the degree to which children and adolescents differ in their thinking, perceptions, emotions and identities as a function of culture.			
R	PSYC 468		

PSYC 429 Advanced Methods in Cognitive Neuroscience

S1	0.0833 EFTS	OC	10 points
Exploration of methodological, empirical and theoretical issues in areas of cognitive neuroscience.			
R	PSYC 471		

PSYC 430 Synaptic Plasticity Mechanisms

S1	0.0833 EFTS	OC	10 points
Exploration of synaptic mechanisms of memory formation.			
R	PSYC 474		

PSYC 432 Special Topic

NO(2028)	0.0833 EFTS	OC	10 points
To be advised when paper is next taught.			

PSYC 433 Advanced Theoretical Topic

ES	0.0833 EFTS	OC	10 points
In collaboration with any staff member, a student may propose an individual course of study.			
R	PSYC 475		

PSYC 434 Advanced Quantitative Methods

NO(2028)	0.0833 EFTS	OC	10 points
Introduction to a variety of advanced statistical methods used in psychology.			
R	PSYC 461		

PSYC 435 Developmental Psychopathology

S1	0.0833 EFTS	OC	10 points
Exploration of the biological, social and cultural contexts of child and adolescent development from theoretical and applied perspectives.			
R	PSYC 464		

PSYC 436 Topical Issues in Adolescent Behaviour

NO(2028)	0.0833 EFTS	OC	10 points
Exploration of theoretical and methodological issues in research on adolescent development and behaviour.			
R	PSYC 467		

PSYC 437 Cognitive Neuroscience Seminar

S2	0.0833 EFTS	OC	10 points
Exploration of methodological, empirical and theoretical issues in areas of cognitive neuroscience.			
R	PSYC 471		

PSYC 438 Nervous System Plasticity in Health and Disease

S2	0.0833 EFTS	OC	10 points
The cellular and molecular mechanisms of memory across the brain, in both healthy and diseased states.			
P	PSYC 430		
R	PSYC 474		

PSYC 439 Neurobiology and Behavioural Effects of Drugs

S2	0.0833 EFTS	OC	10 points
Exploration of the neurobiological mechanisms and behavioural effects of a number of drugs. Also explores current New Zealand drug policy.			
R	PSYC 476		

PSYC 440 Special Topic: Functional Magnetic Resonance Imaging in Psychology

S1	0.0833 EFTS	OC	10 points
Application of functional magnetic resonance imaging analysis techniques to the study of psychology.			
R	NEUR 456		

Note: Admission requires an average grade of at least B in 300-level PSYC papers and satisfactory performance in PSYC 311.

PSYC 442 Qualitative Methods in Psychology

S1	0.0833 EFTS	OC	10 points
A practical introduction to qualitative methods in psychology; focused on thematic analysis of interviews or focus groups; including considerations for kaupapa Māori or Pasifika qualitative research in psychology.			

PSYC 443 Te Waenganui: Intersecting Culture and the Mind

S2	0.0833 EFTS	OC	10 points
Exploration into how culture is entangled within psychological phenomena, with a particular focus on social psychology and Aotearoa New Zealand cultural content.			
RP	PSYC 329		

Note: May not be credited with PSYC 432 passed in 2022, 2023 or 2024.

PSYC 450 Psychology Assistant Practicum

N1 0.5 EFTS OC, DP 60 points
Supervised taught practicum work providing training in assessment and intervention for associate psychologists in mental health and addiction settings.

P MAOR 102, PSYC 203
R PSYC 501
LT PGDipPAI
RP PACI 101, PSYC 332

Note: Entry into Psychology 400-level normally requires a major in Psychology, a B+ average or higher in Psychology 300-level papers, and a pass in PSYC 311 Quantitative Methods. Students from other universities must show evidence of an equivalent level of competence. We highly recommend that students have completed PSYC 203 or equivalent.

PSYC 480 Dissertation

FY 0.3333 EFTS OC 40 points
A supervised project involving original research and leading to the production of a dissertation.

LT BA(Hons), BSc(Hons), PGDipArts, PGDipSci

PSYC 490 Dissertation

FY, N1 0.5 EFTS OC 60 points
A supervised project involving original research and leading to the production of a dissertation.

LT BA(Hons), BSc(Hons), PGDipArts, PGDipSci

Note: Admission requires an average grade of at least B+ in 300-level PSYC papers and satisfactory performance in PSYC 311.

PSYC 495 Master's Thesis Preparation

ES, FY, N1 0.3333 EFTS OC 40 points
Preparation of a thesis proposal/preliminary thesis research. Normally taken by students in the papers year for a Master's degree by papers and thesis.

LT MA, MSc

Note: Admission requires an average grade of at least B+ in 300-level PSYC papers and satisfactory performance in PSYC 311.

PSYC 501 Clinical Intervention

N1 0.625 EFTS OC 75 points
A course of lectures, workshops and supervised practicum work providing training in the application of interventions in clinical psychology.

LT PGDipCIPs

PSYC 601 Clinical Psychology Internship

N1 1.0 EFTS OC 144 points
A supervised internship of no less than 1500 hours at one or more placements approved by the Director of Clinical Psychology Training.

P MAOR 102 and PSYC 501
LT PGDipCIPs

PSYC 611 Clinical Psychology Internship

ES 0.5 EFTS OC 144 points
P MAOR 102 and PSYC 501
LT PGDipCIPs

Public Health

PUBH 711 Principles of Epidemiology

N1 0.125 EFTS OC 15 points
Introduction to the principles and practice of epidemiology, including measuring disease frequency; study design and methods; dealing with error, linking exposures with outcomes and critical appraisal of published research.

R HASC 411, HASX 411
LT MA, MHealSc, MMLSc, MPH, MSc, DPH, PGDipArts, PGDipHealSc, PGDipMLSc, PGDipPHC, PGCertPH, PGCertPHC
L Dunedin, Christchurch, Wellington

PUBH 712 Foundations of Hauora Māori

N1 0.125 EFTS OC 15 points
An overview of many aspects of, and approaches to, hauora Māori; including the impact and role of historical and political determinants in relation to contemporary hauora Māori outcomes.

LT MA, MHealSc, MPH, DPH, PGDipArts, PGDipHealSc, PGCertPH
L Dunedin, Christchurch, Wellington

PUBH 713 Society, Health and Health Promotion

N1 0.125 EFTS OC 15 points
Covers multiple factors that influence human health, how social structure and social change influence health outcomes, how public health and health promotion intervention address poor health outcomes and health inequalities.

LT MA, MHealSc, MPH, DPH, PGDipArts, PGDipHealSc, PGDipPHC, PGCertPH, PGCertPHC
L Dunedin, Christchurch, Wellington

PUBH 714 Public Policy and Health Systems

N1 0.125 EFTS OC 15 points
How government is structured; contribution of public policy and health policy to population health; policy advocacy; funding and organisation of health systems with a New Zealand focus.

LT MA, MHealSc, MPH, DPH, PGDipArts, PGDipHealMgt, PGDipHealthSc, PGDipPHC, PGCertPH, PGCertPHC
L Dunedin, Christchurch, Wellington

PUBH 721 Methods for Epidemiological Research

N1 0.125 EFTS DL 15 points
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.

P (HASC 413 or HUNT 454 or PUBH 725 or STAT 110 or STAT 115) and PUBH 711
R HASC 419
LT MA, MHealSc, MPH, MSc, DPH, PGDipArts, PGDipHealSc, PGDipPHC, PGCertPH (Endorsed), PGCertPHC

Notes: (i) An approved statistics paper may be substituted for HASC 413 or STAT 110 or STAT 115. (ii) Students with an appropriate background who have not passed the usual prerequisites may be admitted with approval from the Postgraduate Public Health Board of Studies.

PUBH 723 Survey Methods

N1 0.125 EFTS DL 15 points
Development of skills to plan a survey including how to identify appropriate research questions, sample participants, construct and validate a questionnaire, and analyse data descriptively.

R HASC 419
LT MA, MSc, MHealSc, MPH, DPH, PGDipArts, PGDipHealSc, PGDipPHC, PGCertPH, PGCertPHC
L Christchurch

PUBH 724 Introduction to Qualitative Research Methods

N1 0.125 EFTS OC 15 points
Development of skills to plan and undertake a qualitative study including identifying research questions suitable for qualitative study, recruiting participants, collecting and analysing data.

R HASC 419
LT MA, MSc, MHealSc, MPH, DPH, PGDipArts, PGDipHealSc, PGDipPHC, PGCertPH, PGCertPHC
L Dunedin, Christchurch, Wellington

PUBH 725 Applied Biostatistics 1 – Fundamentals

N1 0.125 EFTS DL 15 points
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.

R HASC 413
LT MA, MAppSc, MCLinPharm, MHealSc, MMLSc, MPH, MPharm, MPHc, MSc, DPH, PGDipAppSc, PGDipArts, PGDipHealSc, PGDipMLSc, PGDipPharm, PGDipSci, PGCertPH, BMLSc(Hons)

PUBH 726 Applied Biostatistics 2 – Regression methods

N1 0.125 EFTS DL 15 points
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.

P HASC 413 or PUBH 725
R HASC 415, STAT 241, STAT 341
LT MA, MAppSc, MCLinPharm, MHealSc, MPH, MPharm, MPHc, MSc, DPH, PGDipAppSc, PGDipArts, PGDipHealSc, PGDipMLSc, PGDipPharm, PGDipSci, PGCertPH

Note: The prerequisite may be waived for students with an equivalent level of knowledge.

PUBH 732 Using Epidemiology in Public Health Practice

N1 0.125 EFTS OC 15 points
Summarising the health of a population, methods to monitor and prevent disease in populations and the evaluation of public health approaches to controlling disease.

LT MA, MHealSc, MPH, DPH, PGDipArts, PGDipHealSc, PGCertPH
RP PUBH 711
L Dunedin, Christchurch, Wellington

PUBH 733 Environment and Health

N1 0.125 EFTS OC 15 points
An introduction to the relationship between human wellbeing and environmental sustainability in New Zealand and globally. Sustainability frameworks, environmental health determinants and environmental relationships to health inequalities are integrated throughout.

LT MA, MHealSc, MPH, MSc, DPH, PGDipArts, PGDipHealSc, PGDipPHC, PGCertPH, PGCertPHC
L Dunedin, Christchurch, Wellington

PUBH 734 Health Protection

N1 0.125 EFTS DL 15 points
Principles of protecting human health from environmental hazards and application to environmental health practice in New Zealand. Strong emphasis on developing conceptual, analytical and field-based skills for health protection.

LT MA, MHealSc, MPH, MSc, DPH, PGDipArts, PGDipHealSc, PGDipPHC, PGCertPH, PGCertPHC
L Wellington

Note: Includes one field day in Wellington.

PUBH 735 The Economics of Health Policy Decision Making

N1 0.125 EFTS OC 15 points
Principles of economic decision making in health including microeconomic foundations, demand and supply analysis, taxation, subsidies and policy options of health care, market failures and evaluation of health systems performance.

LT MA, MHealSc, MPH, MSc, DPH, PGDipArts, PGDipHealMgt, PGDipHealSc, PGDipPHC, PGCertPH, PGCertPHC
L Dunedin, Christchurch, Wellington

Key S1: first semester; S2: second semester; ES: each semester; FY: full year; SS: Summer School; N1-7: non-standard periods*; NO: not offered in 2027; NO (20XX): not offered, expected to be offered in the year noted; OC: Paper is available on campus; DL: Paper is available by Distance Learning; DP: Departmental permission required; P: Prerequisite; C: Corequisite; PC: Prerequisite or corequisite; R: Restriction; LT: Limited to; RP: Recommended preparation; RC: Recommended concurrent study; L: Location paper is taught at, or from (if no location mentioned, paper is taught at, or from, Dunedin).

**Up-to-date information on non-standard periods, paper availability and class times is available at otago.ac.nz/courses/papers*

PUBH 736 Economic Evaluation

N1 0.125 EFTS OC 15 points
Skills in economic evaluation including types of economic evaluation, cost-effectiveness analysis, measuring and valuing costs and benefits, prioritisation and decision-making in health and evaluation of new health technologies.

LT MA, MHealSc, MPH, MSc, DPH, PGDipArts, PGDipHealMgt, PGDipHealSc, PGDipPHC, PGCertPH, PGCertPHC
L Dunedin, Wellington

PUBH 737 Public Health Law and Public Health Ethics – Fundamentals

NO 0.125 EFTS DL 15 points
Law as a tool for public health: understand key concepts in public health law and ethics; overview relevant law in New Zealand; skills in research and analysis of current law.

LT MA, MHealSc, MPH, DPH, PGDipArts, PGDipHealSc, PGDipPHC, PGCertPH, PGCertPHC
L Wellington

Note: Includes a two-day workshop in Wellington.

PUBH 738 Global Health Law and Global Health Ethics

NO 0.125 EFTS DL 15 points
Developing law for public health in contemporary society; law and non-communicable diseases; impact of globalisation and international law; ethical implications; relationships between global law for health and the environment.

LT MA, MHealSc, MPH, DPH, PGDipArts, PGDipHealSc, PGDipPHC, PGCertPH, PGCertPHC
L Wellington

PUBH 739 Special Topic

NO 0.125 EFTS DL, DP 15 points
Topics change year to year.
L Christchurch, Wellington

PUBH 740 Special Topic: One Health

NO 0.125 EFTS OC, DL 15 points
An introduction to the One Health approach to understanding the ecology of infectious disease.

LT MA, MHealSc, MSc, MPH, DPH, PGDipArts, PGDipHealSc, PGDipPHC, PGCertPH, PGCertPHC
L Dunedin, Christchurch, Wellington

Note: (i) PGCertPHC and PGDipPHC students require approval from the Board of Studies in Primary Health Care to enrol for this paper.

PUBH 741 Hauora Māori- Policy Practice and Research

N1 0.125 EFTS OC 15 points
An overview of the New Zealand health policy, service delivery and research contexts as they relate to hauora Māori. Key examples and approaches are explored and critically analysed.

P PUBH 712
LT MA, MHealSc, MPH, DPH, PGDipArts, PGDipHealSc, PGCertPH
L Dunedin, Christchurch, Wellington

PUBH 742 Global Health and International Health Systems

N1 0.125 EFTS DL 15 points
Health systems in a global context, comparative health systems and how different countries organise their health systems. Evaluation of the performance of different health systems.

LT MA, MHealSc, MPH, DPH, PGDipArts, PGDipHealMgt, PGDipHealSc, PGDipPHC, PGCertPH, PGCertPHC
RP PUBH 714
L Dunedin, Christchurch, Wellington

PUBH 743 Health Promotion Programme Planning and Evaluation

N1 0.125 EFTS OC 15 points
Introduction to the principles and practice of health promotion programme planning and evaluation.

LT MA, MHealSc, MPH, DPH, PGDipArts, PGDipHealSc, PGDipPHC, PGCertPH, PGCertPHC
L Dunedin, Christchurch, Wellington

PUBH 744 Healthy Public Policy

N1 0.125 EFTS OC 15 points
Introduction to public policy and its crucial role in population health. Investigation of New Zealand policymaking, process and analysis. Roles of evidence, the media, interest groups and corporations in policy development.

LT MA, MHealSc, MPH, DPH, PGDipArts, PGDipHealMgt, PGDipHealSc, PGDipPHC, PGCertPH, PGCertPHC
L Dunedin, Christchurch, Wellington

PUBH 745 Introduction to Pacific Public Health

N1 0.125 EFTS DL 15 points
An introduction to key aspects of, and approaches to, Pacific public health.

LT MA(Coursework), MA (Thesis), MHealSc, MPH, MSc, DPH, PGDipArts, BA (Hons), PGDipHealMgt, PGDipHealSc, PGDipPH, PGCertPHC
L Wellington

Note: May not be credited with PUBH 739 completed in 2020 or 2021

PUBH 890 MPH Dissertation

N1-4 0.25 EFTS OC 60 points
A supervised dissertation of up to 20,000 words presenting the results of an original study on a relevant topic in the student's area of interest within public health.

LT MPH
L Dunedin, Christchurch, Wellington

Public Health BMedSc(Hons) Thesis Full-time

FY 1 EFTS OC 120 points
LT BMedSc(Hons)

R

Radiation Therapy**RADT 401 Applied Radiation Therapy Advanced Practice**

S1 0.25 EFTS DL 30 points
Cancer cell biology, radiobiology, chemotherapy, hormone therapy, immunotherapy. History taking and clinical assessment. Evidence based treatment and toxicities of breast, prostate, cervix/endometrial and colo-rectal sites. Symptom management.

R RADX 401
LT PGCertHealSc
L Wellington

RADT 402 Patient Centred Radiation Therapy Advanced Practice

S2 0.25 EFTS DL 30 points
Quality of life assessment, supportive cancer care, cultural safety, Clinical reasoning. Evidenced based treatment and toxicities of head and neck, thorax and central nervous system sites. Symptom management.

R RADX 402
LT PGCertHealSc
L Wellington

RADT 403 Brachytherapy Principles and Practice

NO(2028) 0.25 EFTS DL 30 points
Historical development, sources, specifications, radiobiology, high/low dose rate, interstitial and intracavity systems, national and international criteria, radiation safety.

R RADX 403
LT PGCertHealSc
L Wellington

Bachelor of Radiation Therapy (Honours) Thesis Full-time, Full-year

TY 0.75 EFTS DL 90 points
LT BRT(Hons)
L Wellington

Bachelor of Radiation Therapy (Honours) Thesis Full-time, Part-year

T1, T2 0.375 EFTS DL 90 points
LT BRT(Hons)
L Wellington

Bachelor of Radiation Therapy (Honours) Thesis Part-time, Full-year

TY 0.375 EFTS DL 90 points
LT BRT(Hons)
L Wellington

Bachelor of Radiation Therapy (Honours) Thesis Part-time, Part-year

T1, T2 0.1875 EFTS DL 90 points
LT BRT(Hons)
L Wellington

Radiology BMedSc(Hons) Thesis Full-time

FY 1 EFTS OC 120 points
LT BMedSc(Hons)
L Dunedin, Christchurch

Rehabilitation**REHB 701 Rehabilitation Principles**

S1 0.25 EFTS DL 30 points
A broad framework for understanding rehabilitation practice including: the ICF, goal planning, compensation systems and the ACC, ethical issues, team dynamics and the concept of transdisciplinary teams; cultural perspectives and person-centred rehabilitation.

R REHX 701
LT MHealSc, PGCertHealSc, PGCertRehab, PGDipRehab, PGDipHealSc, PGDipPhy, MPhty
L Wellington

REHB 703 Musculoskeletal Rehabilitation

S2 0.25 EFTS DL 30 points
A rehabilitation perspective on the assessment and management of musculoskeletal syndromes including back pain, regional pain disorders (including OOS), inflammatory arthritis, osteoarthritis and limb amputation.

LT MHealSc, PGDipRehab, PGCertRehab, PGDipPhy, PGDipHealSc, MPhty
L Wellington

REHB 704 Neurological Rehabilitation

NO(2028) 0.25 EFTS DL 30 points
A rehabilitation perspective on the assessment and management of a range of neurological conditions including stroke, subarachnoid haemorrhage, multiple sclerosis, traumatic brain injury, spinal cord injury and Parkinson's disease.

LT MHealSc, PGDipRehab, PGCertRehab, PGDipPhy, PGDipHealSc, MPhty
L Wellington

REHB 706 Work Rehabilitation

S2 0.25 EFTS DL 30 points
Understanding the workplace, workers and employers and using modern management techniques to reduce worksite injury and promote early return to work.

R REHX 706
LT MHealSc, PGDipRehab, PGCertRehab, PGDipPhy, PGDipHealSc, MPhty
L Wellington

REHB 707 Rehabilitation for the Older Adult

S2 0.25 EFTS DL 30 points
The paper emphasises rehabilitation and management of conditions that cause impairment and activity limitation in older adults such as falls and cognitive impairment.

LT MHealSc, PGDipRehab, PGCertRehab, PGDipPhy, PGDipHealSc, MPhty
L Wellington

REHB 710 Rehabilitation Service Innovation and Evaluation

NO(2028) 0.25 EFTS DL 30 points
Using examples drawn directly from practice, students apply rehabilitation and evaluation theory and research evidence, to propose and evaluate innovations or changes in rehabilitation service delivery.

R REHX 710
LT PGCertRehab, MHealSc, PGCertHealSc, PGDipHealSc, PGDipPhy, PGDipRehab, MPhty
L Wellington

REHB 711 Special Topic			
NO(2028)	0.25 EFTS	DL	30 points
LT	MHealSc, PGDipRehab, PGDipPhy,		
	PGDipHealSc, MPhty, PGCertHealSc		
L	Wellington		

REHB 714 Personal and Psychological Factors in Rehabilitation			
NO	0.25 EFTS	DL	30 points
	An enquiry into personal and psychological factors that influence outcomes in rehabilitation and long-term conditions. Identification of risk and protective factors in rehabilitation.		
R	REHX 714		
LT	MHealSc, PGCertRehab, PGDipHealSc,		
	PGDipPHC, PGDipRehab, PGCertPHC,		
	PGDipPhy, MPhty		
L	Wellington		

REHB 716 Rehabilitation with Children			
NO(2028)	0.25 EFTS	DL	30 points
	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.		
R	REHX 716		
LT	MHealSc, PGCertRehab, PGDipHealSc,		
	PGDipRehab		
L	Wellington		

REHB 780 Research Project			
ES, FY	0.25 EFTS	DL	30 points
	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.		
R	REHX 780		
LT	MHealSc, PGDipRehab, PGDipHealSc		
L	Wellington		

REHB 790 Dissertation			
FY	0.5 EFTS	DL	60 points
LT	MHealSc		

Religious Studies

RELS 490 Dissertation			
NO	0.5 EFTS	OC, DL	60 points
	Either a piece of original work on a specified research question, or a more wide-ranging discussion which gives a critical account of existing literature and knowledge.		
P	Three 300-level RELS or RELX papers		
R	RELX 490		
LT	BA(Hons), PGDipArts		

RELS 501 The Evolution of Religion			
S1	0.25 EFTS	OC, DL	30 points
	A survey of major theories and writings on the evolution of religion. Provides an introduction to the methods appropriate to the study of ancient texts.		
LT	MA		

RELS 521 Readings in Religious Texts			
S1	0.25 EFTS	OC, DL	30 points
	Critical study of selected texts from Buddhism and/or other religions. Considers advanced methods for textual research. Taught by field-leading visiting lecturers and/or RELS staff with expertise in those texts.		
LT	MA(Coursework)		

RELS 523 Key Debates in Religious Studies			
NO	0.25 EFTS	OC, DL	30 points
	Key debates and theories in the academic study of religion with an emphasis on current trends. Content updated regularly to reflect changes in the field and expertise of lecturers.		
LT	MA(Coursework)		

RELS 531 Pali for Postgraduates			
FY	0.25 EFTS	OC, DL	30 points
	Intensive Pali, reading both scriptures and commentaries from the Tipitaka. Particular attention is paid to grammatical and stylistic features and to the manner in which ideas are presented.		
LT	MA		

RELS 532 Sanskrit for Postgraduates			
FY	0.25 EFTS	OC, DL	30 points
	Intensive Sanskrit, reading both scriptures and commentaries from classical Sanskrit literature. Particular attention is paid to grammatical and stylistic features and to the manner in which ideas are presented.		
LT	MA(Coursework)		

RELS 590 Research Dissertation			
N1, N2	0.5 EFTS	OC, DL, DP	60 points
	A supervised research dissertation of up to 20,000 words on an approved topic.		
LT	MA(Coursework)		

S

Science

SCNC 401 Science for a Changing World			
ES	0.0417 EFTS	OC, DL	5 points
	An exploration of the role of science in global challenges. Connecting research and innovation to broader issues in society, technology, health, or the environment.		

SCNC 501 Solving wicked problems			
N1	0.1667 EFTS	OC	20 points
	Demonstrate critical awareness of a wicked problem and solutions: research, communicate with and lead a team to identify potential solutions whilst, respecting the beliefs and specialist knowledge of your team.		

SCNC 502 Global Indigenous Worldviews in Sciences: Theory to Practice			
S2	0.1667 EFTS	DL	20 points
	Explore the global landscape of Indigenous research worldviews and frameworks. Equips students with tools to design research that honours global Indigenous worldviews and theories while addressing contemporary challenges.		

SCNC 503 Resources, design and sustainability			
N1	0.1667 EFTS	OC	20 points
	Embeds the principles of sustainable and regenerative design with responsible resource use and processes to solve complex problems with sustainable solutions/ initiatives that meet UN Sustainable Development Goals (SDGs).		

SCNC 597 Supervised Independent Study			
N1-9	0.3333 EFTS	OC, DL, DP	40 points
	A supervised independent study resulting in a piece of original work on a specific research question or an advanced critical analysis of existing, area-specific, literature and knowledge.		
R	APPS 597		

SCNC 598 Workplace-based Project			
N1-6, 8-9	0.3333 EFTS	OC, DL	40 points
	A student-initiated project in collaboration with a host organisation/institution comprising either a strategic plan, or an evaluation of a new science/technologybased initiative, within the host organisation/institution.		
R	APPS 598		

SCNC 599 Group Project			
N1-5	0.3333 EFTS	OC, DL	40 points
	A supervised group project resulting in a piece of work on a specific research question or an advanced critical analysis of existing, area-specific, literature and knowledge.		
P	60 points at 400-level		

Science Communication

SCOM 419 Special Topic: Key Voices in Science Communication			
NO(2028)	0.1667 EFTS	OC, DL	20 points
	Topics change year to year.		

SCOM 420 Key Voices in Science Communication			
S1	0.1667 EFTS	DL	20 points
	Examines classic and contemporary readings and other material in creative science communication, exploring use of style, voice, exposition, structure, and other narrative elements in conveying scientific content in engaging ways.		

Note: Normally available only to postgraduate students.

SCOM 432 The Craft of Storytelling			
S1	0.1667 EFTS	DL	20 points
	A seminar-based paper that explores the requirements for the core skill necessary for the communication of science and natural history – telling a story.		
R	NHFC 402, SCOM 402		
LT	PGDipSciComm, PGCertSciComm		

SCOM 434 Science Communication Internship			
ES, FY	0.1667 EFTS	DL	20 points
	Project-based development of professional skills and networks in a work setting, extending the skills and implementing practices and principles learned in other Science Communication papers.		
R	NHFC 404, SCOM 404		
LT	PGDipSciComm, PGCertSciComm		

Note: Admission is subject to approval from the Director, Centre for Science Communication.

SCOM 435 Science Communication in the Era of Science Denialism			
S2, DL	20 points		
	Examines challenges and strategies in science communication in the context of science misinformation and science denial.		

SCOM 439 Introduction to Science Communication			
S1	0.1667 EFTS	DL	20 points
	A seminar-based introduction to models of science communication, theories of what science is, audiences and publics for science communication and how to communicate widely and effectively.		
R	SCOM 409		

Note: Normally available only to postgraduate students.

Social Work

SOWK 402 Micro Intervention: Theories and Skills			
S1	0.1667 EFTS	OC, DL	20 points
	This paper covers the application of interpersonal theories to practice, develops intervention skills, and explores current issues in social work through a critically reflective lens.		
P	SOWK 301, 302, 303, 320, 392		
R	SOWK 401, SOWK 562 SOWX 401, SOWX 402		
LT	BSW, BSW(Hons)		

Key S1: first semester; S2: second semester; ES: each semester; FY: full year; SS: Summer School; N1-7: non-standard periods*; NO: not offered in 2027; NO (20XX): not offered, expected to be offered in the year noted; OC: Paper is available on campus; DL: Paper is available by Distance Learning; DP: Departmental permission required; P: Prerequisite; C: Corequisite; PC: Prerequisite or corequisite; R: Restriction; LT: Limited to; RP: Recommended preparation; RC: Recommended concurrent study; L: Location paper is taught at, or from (if no location mentioned, paper is taught at, or from, Dunedin).

*Up-to-date information on non-standard periods, paper availability and class times is available at otago.ac.nz/courses/papers

SOWK 403 Communities and Organisations – Advanced Practice

S1	0.1667 EFTS	OC, DL	20 points
Professional frameworks of organisational and community change and development practice.			
P	126 300-level SOWK or SOWX points		
R	SOWK 563, SOWX 403, SOWX 404		
LT	BSW, BSW(Hons), MA, PGDipArts		

Notes: (i) Non-BSW students may be admitted to this paper with approval from the Head of the Social and Community Work Programme. (ii) May not be credited together with SOWK 404 completed in 2011 or earlier.

SOWK 404 Care and Protection

NO	0.1667 EFTS	OL, OC, DL	20 points
The development of specialist knowledge and skills in relation to care and protection of vulnerable children, young people and adults.			
R	SOWK 504		
LT	BSW, MSCW (Applied)		

Note: May not be credited with SOWK 411 or SOWX 411 completed in 2013 or with SOWK 410 completed in 2015 or 2017.

SOWK 405 Social Work Issues Across the Lifespan

NO	0.1667 EFTS	OL, OC, DL	20 points
A lifespan perspective on issues encountered in social work practice.			
P	126 300-level SOWK or SOWX points		
R	SOWK 505, SOWX 405		
LT	BSW, MA		

Note: Non-BSW students may be admitted to this paper with approval from the Head of the Social and Community Work Programme.

SOWK 406 Social Problems: Policies and Practice Models

S2	0.1667 EFTS	OL, OC, DL	20 points
Examines social problems in the context of social work. It explores the influence of anti-oppressive practice in understanding social problems and advancing social justice, equality and social inclusion.			
P	126 300-level SOWK or SOWX points		
R	SOWK 318, SOWX 318, SOWX 406		
LT	BSW, MA		

SOWK 407 Kaupapa Māori and Social Work Practice

S1	0.1667 EFTS	OL, OC, DL	20 points
Training in Kaupapa Māori social work theory and methods, for work in social service organisations.			
P	SOWK 304 or SOWK 554		
R	SOWK 515		
LT	BSW, MSCW (Applied)		

Note: May not be credited with SOWK 411 or SOWX 411 completed in 2014 or with SOWK 410 completed in 2016.

SOWK 408 Pasifika and Social Services

NO	0.1667 EFTS	OL, OC, DL	20 points
Critical exploration of contemporary Pacific social issues, considering and developing relevant social service responses to identified Pacific social issues.			
R	SOWK 508		
LT	BSW, MSCW (Applied)		

Note: May not be credited with SOWK 411 or SOWK 521 completed in 2016 or 2017.

SOWK 409 Decision-making in Child Welfare

S1	0.1667 EFTS	OL, OC, DL	20 points
Critical examination, using the decision-making ecology framework, of macro, institutional and individual decision-maker influences on decision making in response to child abuse and neglect.			
R	SOWK 509		
LT	BSW		

SOWK 411 Advanced Special Topic

NO	0.1667 EFTS	OL, OC, DL	20 points
P	126 300-level SOWK or SOWX points		
R	SOWX 411		
LT	BSW, MA		

SOWK 480 Research Project

FY	0.1667 EFTS	OL, OC, DL	20 points
A research paper in which key elements of social work practice are integrated within a research framework.			
P	SOWK 301, 302, 303, 320, 392		
R	SOWK 580, SOWX 480		
LT	BSW		

SOWK 490 Dissertation

FY	0.3333 EFTS	OC, DL	40 points
Supervised individual research on a topic in Social Work.			
P	126 300-level SOWK or SOWX points		
R	SOWK 590, SOWX 490		
LT	BSW(Hons), MA		

SOWK 492 Fieldwork Practice 2

ES, N1-N6	0.3333 EFTS	OC, DL	40 points
Advanced fieldwork practice (in a different setting from SOWK392 or SOWX392).			
P	SOWK 392, SOWK 402, SOWK 403		
R	SOWK 593, SOWX 492		
LT	BSW, BSW(Hons)		

Note: Full-time students should normally enrol for SOWK 492 in the second semester. Part-time students may enrol for SOWK 492 in the first semester if they have already completed the prerequisite.

SOWK 504 Care and Protection

NO	0.25 EFTS	OC, DL	30 points
The development of in-depth knowledge and enhanced skills in relation to the care and protection of vulnerable children and adults, with critical reflection on practice experience.			
R	SOWK 404		
LT	PGDipCCP, PGDipSW, MSW		

Note: May not be credited with SOWK 411 or SOWX 411 completed in 2013 or with SOWK 410 completed in 2015 or 2017.

SOWK 505 Lifespan Issues – Advanced Practice with Older Adults

NO	0.25 EFTS	OC, DL	30 points
Examination of key issues encountered in advanced social work practice with older adults, using a lifespan perspective.			
R	SOWK 405		
LT	PGDipSW, MSCW (Applied), MSW		

SOWK 506 Social Problems: Policies and Practice Models

S2	0.25 EFTS	OC, DL	30 points
An examination of social problems in the context of social work. It explores the influence of anti-oppressive practice in understanding social problems and advancing social justice, equality and social inclusion.			
R	SOWK 406		
LT	PGDipSW, MSCW (Applied), MSW		

SOWK 508 Pasifika and Social Services

NO	0.25 EFTS	OC, DL	30 points
Critical exploration of contemporary Pacific social issues, considering and developing relevant social service responses to identified Pacific social issues.			
R	SOWK 408		
LT	PGDipSW, MSW		

Note: May not be credited with SOWK 411 or SOWK 521 completed in 2016 or 2017.

SOWK 509 Decision-making in Child Welfare

S1	0.25 EFTS	OC, DL	30 points
Critical examination, using the decision-making ecology framework, of macro, institutional and individual decision-maker influences on decision making in response to child abuse and neglect.			
R	SOWK 409		
LT	PGDipSW, PGDipCCP, MSW		

SOWK 510 Advanced Social Service Counselling

NO	0.25 EFTS	DL	30 points
Introduction to key theories and techniques of social services counselling with particular application to mid-career social workers and other social service professionals.			
LT	PGDipSW, MSW		

Note: Admission subject to approval from Head of the Social and Community Work Programme.

SOWK 511 Advanced Family Practice

NO	0.25 EFTS	DL	30 points
Critical approaches to family practice and its application in the social services including the active development of professional family practice competence.			
LT	PGDipSW, MSW		

Note: Admission subject to approval from Head of the Social and Community Work Programme.

SOWK 514 Advanced Community Development Practice

NO	0.25 EFTS	DL	30 points
Analysis and application of theories and models of sustainable development based on the international creation of community participatory models.			
LT	PGDipSW, MSW		

SOWK 515 Iwi Social Services I – Contextual Issues

S1	0.25 EFTS	DL	30 points
An introduction to the wider political issues that arise in the development of iwi social services.			
R	SOWK 407		
LT	PGDipSW, MSW		

Note: Admission subject to approval from Head of the Social and Community Work Programme.

SOWK 516 Iwi Social Services II - Development and Facilitation

NO	0.25 EFTS	DL	30 points
An examination of existing provisions for iwi social services and their relevance for iwi social policy.			
LT	PGDipSW, MSW		

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

SOWK 517 Social Policy Development

NO	0.25 EFTS	DL	30 points
Analysis of the process of social policy development in New Zealand within a comparative international context, focusing on the skills and methods of social policy change.			
LT	PGDipSW, MSW		

Note: Admission subject to approval from Head of the Social and Community Work Programme.

SOWK 518 Social Services Supervision

NO	0.25 EFTS	DL	30 points
An exploration and analysis of skills and knowledge for clinical supervision in the social services.			
LT	PGDipSW, MSW		

Note: Admission subject to approval from Head of the Social and Community Work Programme.

SOWK 521 Advanced Special Topic

NO	0.25 EFTS	DL	30 points
Critical exploration of contemporary Pacific social issues, preparing students to develop a policy, practice or research framework about an identified Pacific social issue.			
R	SOWX 521		
LT	PGDipSW, MSW		

Note: Admission subject to approval from Head of the Social and Community Work Programme.

SOWK 551 Theories and Methods of Social Work

S1	0.1667 EFTS	OC, DL	20 points
The application of theory to social work and development of a case-based practice framework. Case studies include youth justice, foster care, health (physical and mental), family violence, (dis)ability, and family support practice domains.			
R	SOWK 301		
LT	MSCW(Applied), PGDipSW		

SOWK 552 Child and Family Social Work

S1	0.1667 EFTS	OC, DL	20 points
The spectrum of child and family social work, covering the macro environment, the family support/prevention domain, the statutory child protection context, and issues for children and young people in care.			
R	SOWK 302		

SOWK 553 Communities and Organisation – Analysis and Theory

S1	0.1667 EFTS	OC, DL	20 points
Organisational and community theories, patterns and change and their application within community and social services in Aotearoa/New Zealand.			
R	SOWK 303		
LT	MSCW (Applied), PGDipSW		

SOWK 554 Kaupapa Māori and Indigenous Approaches to Social Work

S2	0.1667 EFTS	OC, DL	20 points
The application of Kaupapa Māori, Pasifika and Indigenous approaches, including cross-cultural contexts, to social work practice.			
R	SOWK 304		
LT	MSCW (Applied), PGDipSW		

SOWK 562 Micro Intervention – Theories and Skills

S1	0.1667 EFTS	OC, DL	20 points
This paper offers advanced application of interpersonal theories to practice, develops intervention skills, and explores current issues in social work through a critically reflective lens.			
P	SOWK 551, 552, 553, 554, 570, 592		
R	SOWK 402		

SOWK 563 Communities and Organisations – Advanced Practice

S1	0.1667 EFTS	OC, DL	20 points
Uses practice research to critically examine professional frameworks of organisational and community change and development practice.			
P	SOWK 553		
R	SOWK 403		
LT	MSCW (Applied), PGDipSW		

SOWK 570 Introduction to Professional Practice

S1	0.1667 EFTS	OC, DL	20 points
Uses skills-based training to teach interpersonal skills and professional practice in different settings.			
R	SOWK 320		
LT	MSCW (Applied), PGDipSW		

SOWK 580 Research Project

FY	0.1667 EFTS	OC, DL	20 points
A supervised social work research project based on the student's topic of interest. The project should demonstrate knowledge of integrative and critical social work research and practice.			
P	SOWK 551, 552, 553, 554, 570, 592		
R	SOWK 480		
LT	MSCW (Applied)		

SOWK 590 Research Dissertation

N1, N2	0.5 EFTS	OC, DL	60 points
A supervised research dissertation of up to 20,000 words on an approved topic.			
LT	MSW		

SOWK 592 Fieldwork Practice 1

S2, N1-N6	0.2083 EFTS	OC, DL	25 points
Introduction to social work in social service and community settings through supervised fieldwork placement.			
P	SOWK 551, SOWK 552, SOWK 553, SOWK 570		
PC	SOWK 554		
R	SOWK 392		
LT	MSCW (Applied)		

SOWK 593 Fieldwork Practice 2

ES, N1-N6	0.2083 EFTS	OC, DL	25 points
Advanced fieldwork practice in a setting different from that for SOWK 592.			
P	SOWK 562, SOWK 563 and SOWK 592		
R	SOWK 492		
LT	MSCW (Applied)		

Note: Full-time students should normally enrol for SOWK 593 in the second semester. Part-time students may enrol for SOWK 593 in the first semester if they have already completed the prerequisite.

Sociology

SOCI 401 Qualitative Research Ethics

NO	0.25 EFTS	OC	30 points
Aims to make students employing a qualitative methodology familiar with the epistemological and ethical issues they are likely to encounter in a formal ethics review. Explores common ethical dilemmas that routinely confront qualitative researchers in the field.			

P 72 300-level SOCI points

Note: Students who have not passed the normal prerequisite may be admitted with approval from the Head of Department.

SOCI 402 Advanced Sociological Theory

S1	0.25 EFTS	OC	30 points
Builds on the theoretical knowledge acquired by students at 100-, 200- and 300-level. Supplements SOCI490.			

P 72 300-level SOCI points

Note: Students who have not passed the normal prerequisite may be admitted with approval from the Head of Department.

SOCI 403 Micro-Sociology

NO	0.25 EFTS	OC	30 points
Focuses on the specific interface between the individual's experience of contemporary society and the theoretical concepts of post-modernism and post-structuralism.			

P 72 300-level SOCI points

Note: Students who have not passed the normal prerequisite may be admitted with approval from the Head of Department.

SOCI 404 Special Topics

NO	0.25 EFTS	OC, DL	30 points
Topics change year to year.			

P 54 300-level points

SOCI 409 Special Topic in Sociology

NO	0.25 EFTS	OC	30 points
Special topic presenting key concepts in the theory and practice of sociology.			

P 72 300-level SOCI points

SOCI 410 Alternative Futures

S1	0.25 EFTS	OC	30 points
Relying on "theory at the margins", this paper explores alternative forms of social organisation and human relationships.			

P 72 300-level SOCI points

SOCI 490 Dissertation

FY, N2	0.5 EFTS	OC	60 points
Individual research in an approved topic, culminating in a dissertation of no more than 20,000 words.			
P	72 300-level SOCI points		
LT	BA(Hons), PGDipArts		

SOCI 590 Research Dissertation

N1, N2	0.5 EFTS	OC, DL, DP	60 points
A supervised research dissertation of up to 20,000 words on an approved topic.			
LT	MA(Coursework)		

Software Engineering

SENG 490 Dissertation

FY	0.3333 EFTS	OC	40 points
A supervised project involving original research and leading to the production of a dissertation.			
LT	BAppSc(Hons), PGDipAppSc, PGDipSci		
<i>Notes: (i) Admission normally requires at least a B average in the 300-level papers taken previously. (ii) Doing SENG 490 in a single semester is exceptional and requires approval from the Head of Department.</i>			

SENG 580 Research Project

FY	0.3333 EFTS	OC	40 points
A supervised project involving research and leading to the production of a research report.			
LT	MAppSc		

Sport, Physical Education and Exercise

SPEX 401 Research Methods in Sport, Exercise and Health

S1	0.1667 EFTS	OC, DL	20 points
Advanced study of methodologies used in sport, health and exercise research.			
LT	BAppSc(Hons), BSc(Hons), PGDipSc, MSc, PGCertAppSc, PGDipAppSc, MAppSc, MSpDM, PGDipSpDM		

SPEX 440 Advanced Topics in Physical Education, Activity and Health

S1	0.1667 EFTS	OC	20 points
Advanced study of selected topics examining the relationship between physical education, physical activity and health.			
P	72 300-level points		
LT	BAppSc (Hons), BSc(Hons), PGDipSci, MSc, PGCertAppSc, PGDipAppSc, MAppSc, MSpDM, PGDipSpDM		

SPEX 441 Advanced Topics in Physical Education, Activity and Health

S2	0.1667 EFTS	OC	20 points
Advanced study of selected topics examining the relationship between physical education, physical activity and health.			
P	72 300-level points		
LT	BAppSc (Hons), BSc(Hons), PGDipSci, MSc, PGCertAppSc, PGDipAppSc, MAppSc, MSpDM, PGDipSpDM		

SPEX 450 Advanced Topics in Exercise and Sport Science

S1	0.1667 EFTS	OC	20 points
Advanced study of two modules (each worth 10 points) from a selection of topics in exercise and sport science.			
P	72 300-level points		
LT	BAppSc (Hons), BSc(Hons), PGDipSci, MSc, PGCertAppSc, PGDipAppSc, MAppSc, MSpDM, PGDipSpDM		

SPEX 451 Advanced Topics in Exercise and Sport Science

S2	0.1667 EFTS	OC	20 points
Advanced study of two modules (each worth 10 points) from a selection of topics in exercise and sport science.			
P	72 300-level points		
LT	BAppSc (Hons), BSc(Hons), PGDipSci, MSc, PGCertAppSc, PGDipAppSc, MAppSc, MSpDM, PGDipSpDM		

SPEX 460 Advanced Topics in Sport Development

S1	0.1667 EFTS	OC, DL	20 points
Advanced study of two modules (each worth 10 points) from a selection of topics in sport development.			
P	72 300-level points		
LT	BAppSc (Hons), BSc(Hons), PGDipSci, MSc, PGCertAppSc, PGDipAppSc, MAppSc, MSpDM, PGDipSpDM		

SPEX 461 Advanced Topics in Sport Management and Policy

S2	0.1667 EFTS	OC, DL	20 points
Advanced study of two modules (each worth 10 points) from a selection of topics in sport development.			
P	72 300-level points		
LT	BAppSc (Hons), BSc(Hons), PGDipSci, MSc, PGCertAppSc, PGDipAppSc, MAppSc, MSpDM, PGDipSpDM		

Key S1: first semester; S2: second semester; ES: each semester; FY: full year; SS: Summer School; N1-7: non-standard periods*; NO: not offered in 2027; NO (20XX): not offered, expected to be offered in the year noted; OC: Paper is available on campus; DL: Paper is available by Distance Learning; DP: Departmental permission required; P: Prerequisite; C: Corequisite; PC: Prerequisite or corequisite; R: Restriction; LT: Limited to; RP: Recommended preparation; RC: Recommended concurrent study; L: Location paper is taught at, or from (if no location mentioned, paper is taught at, or from, Dunedin).

*Up-to-date information on non-standard periods, paper availability and class times is available at otago.ac.nz/courses/papers

SPEX 480 Independent Project

FY, N1 0.3333 EFTS OC, DP 40 points
A supervised project involving research on an approved topic in the areas of Sport, Exercise and Health or Sport Development and Management, leading to the production of a report.
LT PGDipSci, PGDipSpDM

SPEX 481 Independent Study

ES 0.1667 EFTS OC, DP 20 points
An original research project, or an approved topic or project relating to sport, exercise and health.
LT PGDipSci (Sport, Exercise and Health), MSc (Sport, Exercise and Health), MSpDM

SPEX 490 Dissertation

FY 0.5 EFTS OC 60 points
A supervised project involving original research and leading to the production of a dissertation.
LT BSc(Hons)

SPEX 495 Master's Thesis Preparation

FY, N1, N2 0.3333 EFTS OC, DP 40 points
Preparation of a thesis proposal/preliminary thesis research. Normally taken by students in the papers year for a Master's degree by papers and thesis.
LT MSc

SPEX 516 Practicum

N1 0.25 EFTS OC, DL 30 points
A 360-hour practical experience in the sport development and management field.
C SPEX 517
LT MSpDM

SPEX 517 Practicum Report

FY, N1 0.25 EFTS OC, DL 30 points
A report on the SPEX516 practicum.
C SPEX 516
LT MSpDM

Sports Medicine

SPME 701 Issues in Sports Medicine

S1 0.25 EFTS DL 30 points
The foundations of the multidisciplinary study of sports medicine to include core anatomy, physiology, nutrition and human movement.
R SPMX 701
LT MHealSc, PGCertPHC, PGDipPHC, PGDipSEM, PGDipPhy, PGDipHealSc, MPhty

SPME 702 Medical Aspects of Exercise

S1 0.125 EFTS DL 15 points
The issues which relate to the supervision and care of individuals involved in sport and recreational activities.
LT MHealSc, PGCertPHC, PGDipPHC, PGDipSEM, PGDipPhy, PGDipHealSc, MPhty

SPME 703 Sports Nutrition

S2 0.25 EFTS DL 30 points
The relationship between nutrition and exercise and the application of human nutrition to sport and sport performance.
R CMNX 407, HUNT 355, NUTN 407, NUTX 407, SPMX 703
LT MHealSc, PGDipSEM, PGDipPhy, MPhty, PGDipHealSc

SPME 705 Health and Human Performance B

S2 0.125 EFTS DL 15 points
The 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.
LT MHealSc, PGDipSEM, PGDipPhy, MPhty, PGDipHealSc

SPME 707 Regional Sports Injury 1

S1 0.125 EFTS DL, DP 15 points
The issues which relate to the supervision and care of individuals involved in sport and recreational activities, with specific emphasis on the prevention and treatment of commonly encountered injuries to the upper limb.
R SPMX 707
LT MHealSc, PGCertPHC, PGDipPHC, PGDipSEM, PGDipPhy, MPhty, PGDipHealSc

SPME 708 Regional Sports Injury 2

S2 0.125 EFTS DL, DP 15 points
The issues which relate to the supervision and care of individuals involved in sport and recreational activities, with specific emphasis on the prevention and treatment of commonly encountered injuries to the lower limb.
R SPMX 708
LT MHealSc, PGCertPHC, PGDipPHC, PGDipSEM, PGDipPhy, MPhty, PGDipHealSc

SPME 709 Women in Sport: Health Issues

S1 0.25 EFTS DL 30 points
The recognition and management of specific issues relating to the physically active female, including active leisure to high performance sport.
LT MHealSc, PGCertPHC, PGDipPHC, PGDipSEM, PGDipPhy, MPhty, PGDipHealSc

SPME 711 Exercise Prescription

S2 0.25 EFTS DL 30 points
An appreciation of the link between physical activity and health in the contemporary primary care setting that promotes interdisciplinary collaboration.
R SPMX 711
LT MHealSc, PGCertPHC, PGDipPHC, PGDipSEM, PGDipPhy, MPhty, PGDipHealSc

Statistics

STAT 401 Applied Statistical Methods and Models

S1 0.1667 EFTS OC 20 points
Theory and methods of statistics, with applications.
P (STAT 210, STAT 260) or (HASC 413, HASC 415)

STAT 402 Regression Models for Complex Data

S2 0.1667 EFTS OC 20 points
Topics include generalized linear models; methods for handling incomplete data and censored data; survival analysis and methods for analysis of multilevel (including longitudinal) data. Applications to real world data.
P STAT 401 or (STAT 270, STAT 310)

STAT 403 Case Studies in Statistics

S2 0.1667 EFTS OC 20 points
Application of advanced statistical methods through case studies
P STAT 401 or (STAT 270, STAT 310)

STAT 404 Advanced Statistical Inference

S1 0.1667 EFTS OC 20 points
A core theory paper, examining the foundations of statistical methods of inference in both frequentist and Bayesian settings. It will include classical and modern computer-age methods.
P STAT 370, MATH 202, MATH 203

STAT 405 Probability and Random Processes

S1 0.1667 EFTS OC 20 points
Theory and application of probability and random processes.
P STAT 370, MATH 202, MATH 203

STAT 423 Bayesian Modelling

S2 0.1667 EFTS OC, DP 20 points
Methodological and computational aspects of Bayesian statistics, with applications.
P STAT 401 or (STAT 260, STAT 270, STAT 310), or equivalent (contact department for further information)
R STAT 371

STAT 424 Research Design and Methods

S1 0.1667 EFTS OC 20 points
Design of studies for quantitative research. Causal inference and models, culturally appropriate design, western and tikanga research ethics, complex surveys, experiments, and observational studies addressing causation and prediction.
P STAT 401 or (STAT 270, STAT 310), or equivalent (contact department for further information)
R STAT 311

STAT 425 Statistical Learning

S2 0.1667 EFTS OC 20 points
Statistical learning techniques commonly used to analyse high-dimensional (or multivariate) data. Penalised regression, classification trees, clustering, dimension-reduction, bagging, stacking, boosting, random forests and ensemble learning.
P STAT 401 or (STAT 260, STAT 270, STAT 310), or equivalent (contact department for further information)
R STAT 312

STAT 435 Data Analysis for Bioinformatics

S1 0.1667 EFTS OC, DP 20 points
Topics include an overview of genetics and molecular biology; genetic, genomic, and proteomic technologies; analysis of large data sets; incorporation of biological information into the statistical analysis process.

STAT 441 Topic in Advanced Statistics

NO 0.1667 EFTS OC, DP 20 points
Details available from the Department of Mathematics and Statistics.

STAT 442 Topic in Advanced Statistics

NO 0.1667 EFTS OC, DP 20 points
Details available from the Department of Mathematics and Statistics.

Note: Students should have completed a first-year paper in statistics (STAT 110, STAT 115 or BSNS 102) and two further papers at 200/300-level that include experience in quantitative research methods or applied statistics before enrolling in STAT 442. Students should see the course co-ordinator for approval.

STAT 490 Dissertation

FY, N1 0.3333 EFTS OC, DP 40 points
A supervised project involving original research and leading to the production of a dissertation.
LT BA(Hons), BSc(Hons), MSc, PGDipApStat, PGDipArts, PGDipSci, MA

STAT 498 Special Topic

NO 0.1667 EFTS OC 20 points
Topics change year to year.

STAT 499 Special Topic: Clinical Trials

NO 0.1667 EFTS OC 20 points
Statistical, scientific, ethical, and practical issues in designing, conducting, and reporting randomised trials in humans.
P STAT 110 or STAT 115
Note: With departmental approval, an equivalent paper may be substituted for the prerequisite.

Surgery

Surgery BMedSc(Hons) Thesis Full-time

FY 1 EFTS OC 120 points
LT BMedSc(Hons)

Surgical Anatomy

SUAN 701 Upper Limb and Thorax

N1 0.25 EFTS DL 30 points
Anatomy of the upper limb and thorax relevant to the clinical practice of surgery and radiology. Includes regional cadaver dissection.
LT PGDipSurgAnat

SUAN 702 Lower Limb and Pelvis

N1 0.25 EFTS DL 30 points
Anatomy of the lower limb and pelvis relevant to the clinical practice of surgery and radiology. Includes regional cadaver dissection.
PC SUAN 701 or SUAX 701
LT PGDipSurgAnat

SUAN 703 Abdomen and Neck

N1 0.25 EFTS DL 30 points
Anatomy of the abdomen and neck relevant to the clinical practice of surgery and radiology. Includes regional cadaver dissection.
PC SUAN 701 or SUAX 701
LT PGDipSurgAnat

SUAN 704 Head, Spine, Neuroanatomy and Skin

N1	0.25 EFTS	DL	30 points
Anatomy of the head (including basic neuroanatomy) spine and skin relevant to the clinical practice of surgery and radiology. Includes regional cadaver dissection.			
PC	SUAN 701 or SUAX 701		
LT	PGDipSurgAnat		

Surveying

SURV 413 Resource Mapping and Image Processing

NO(2028)	0.1334 EFTS	OL, OC	18 points
Digital image pre-processing and processing, including advanced processing techniques. Field data collection, image classification, and image enhancement. Students will produce a resource map and critically evaluate its accuracy based upon literature searches and field checks.			
P	SURV 309 or SURV 314 or SURV 318		
R	SURV 513 and SURV 424		
SC	Science		

SURV 418 Advanced Geographic Information Science

S2	0.1334 EFTS	OC	18 points
Advanced Geographic Information Science topics in spatial analysis, modelling and visualisation, including geostatistics, principal components analysis, spatial AI, visual analytics, map cognition and art-enhanced visualisation.			
PC	SURV 320 or SURV 520		
R	SURV 518, SURV 411, SURV 511, SURV 412, SURV 512		
SC	Science		

SURV 450 Professional Practice

S2	0.1334 EFTS	OC	18 points
Professional bodies, duties and behaviour. Professional practice and management.			
P	216 points		

Note: May only be taken by students in the final year of study for a degree.

SURV 451 Surveying Methods 3

NO(2028)	0.1334 EFTS	OL, OC	18 points
The study of advanced surveying methods and tools including GPS position models, data processing methods and contemporary GPS. Positioning applications including deformation monitoring and analysis methods. Introduction to other space based positioning systems and global datums.			
P	(SURV 301 or 311) and (SURV 302 or 312)		
R	SURV 421, SURV 551		
SC	Science		

SURV 452 Hydrographic Surveying 2

S2	0.1334 EFTS	OL, OC	18 points
Fundamentals of acoustics, multibeam sonar systems, motion compensation, side scan sonar methods, LiDAR bathymetry, acoustic positioning, reporting, charting and error analysis, and electronic navigation charts (ENCs).			
P	(SURV 301 or SURV 311) and (SURV 302 or SURV 312) and SURV 322		
R	SURV 422, SURV 552		
SC	Science		

SURV 453 Urban Design 2

NO	0.1334 EFTS	OL, OC	18 points
Advanced urban design and land development planning: sustainability in urban design, urban design theory, place making and the built environment.			
P	SURV 303 or SURV 315		
R	SURV 425, SURV 553		
SC	Science		

Note: Non-Surveying students must seek approval from the Dean of the School of Surveying before enrolling in this paper.

SURV 455 Statutory Planning 2

S1	0.1334 EFTS	OC	18 points
Research and practice for the preparation and presentation of resource consent applications (notification requirements, assessments of environmental effects and public participation) under the Resource Management Act 1991; the functions, roles and decisions of the Environment Court and the Environmental Protection Authority.			
P	SURV 205 and 236 further SURV points		
R	SURV 335, SURV 555		
SC	Science		

SURV 456 Land Tenure 3

S1	0.1334 EFTS	OL, OC	18 points
An exposure to wider issues of land tenure, land administration, land registration and cadastral surveying in the national and international arena.			
P	216 points		
R	SURV 426, SURV 556		
RP	SURV 306 or SURV 316		
SC	Science		

Note: May not be credited together with SURV 427 passed before 2005.

SURV 457 Cadastral Surveying 3

S1	0.1334 EFTS	OL, OC	18 points
An in-depth cadastral project requiring field-work and a full dataset for LINZ lodgement. Advanced case studies of cadastral surveys, limited title surveys, water boundary surveys, surveyor's responsibilities, digital cadastres, licensing issues.			
P	SURV 307 or SURV 317		
R	SURV 427, SURV 557		
SC	Science		

SURV 458 Marine Law and the Environment

NO	0.1334 EFTS	OL, OC	18 points
An introduction to the law of the sea relating to hydrography including on-shore and off-shore boundary definition, delimitation zones, and the extent of continental shelves. Includes ocean policy, product liability, maritime law, and associated environmental issues.			
P	216 points		
R	SURV 429, SURV 558		
SC	Science		

SURV 459 Engineering Surveying

S2	0.1334 EFTS	OL, OC	18 points
Precise surveying for engineering, scientific or industrial purposes. Includes survey techniques and management for major structures, tunnels, mining, deformation, and industrial measurement applications.			
P	(SURV 301 or SURV 311) and (SURV 302 or SURV 312)		
R	SURV 431, SURV 559		
SC	Science		

Note: May not be credited together with SURV 421 passed before 2005.

SURV 462 Hydrographic Field Design and Voyage

NO	0.1334 EFTS	OC	18 points
Planning, set up, execution, management, analysis and reporting of hydrographic surveys, including field work and voyage components.			
PC	SURV 452 and PMAN 401		
R	SURV 462		
SC	Science		

SURV 463 Advanced Practical Techniques in Hydrography

NO	0.1334 EFTS	OL, OC	18 points
Advanced course: planning, execution, management, analysis and reporting of a hydrographic survey, with student-led fieldwork and voyage components.			
PC	SURV 462		
R	SURV 563		
SC	Science		

SURV 465 Land Development Management

NO	0.1334 EFTS	OL, OC	18 points
An investigation of the engineered systems inherent to land development and the management processes that govern their construction.			
P	216 points or PMAN 401 or PMAN 501		
R	SURV 454, SURV 460		
SC	Science		

SURV 469 Selected Topics in Surveying 2

ES	0.1334 EFTS	OC, DP	18 points
An in-depth study of selected topics in surveying.			
P	162 SURV points		
SC	Science		

Note: Students must seek approval from the Dean of the School of Surveying before enrolling in this paper.

SURV 470 Professional Project

ES	0.1334 EFTS	OC, DP	18 points
A project representative of the kind of professional report work done in a government agency, surveying practice, consulting firm, etc.			
P	360 points		
SC	Science		

Note: Students must seek approval from the Dean of the School of Surveying before enrolling in this paper.

SURV 473 Special Topic

FY	0.2668 EFTS	OC, DP	36 points
Courses in approved topics.			
R	SURV 573		

Note: Students must seek approval from the Dean of the School of Surveying before enrolling in this paper.

SURV 474 Special Topic

ES	0.2668 EFTS	OC, DP	18 points
Courses in approved topics.			
R	SURV 574		

Note: Students must seek approval from the Dean of the School of Surveying before enrolling in this paper.

SURV 480 Research Project

FY, N1	0.2668 EFTS	OC, DP	36 points
A supervised project involving research and leading to the production of a research report.			
R	SURV 481		
SC	Science		

Note: Students must seek approval from the Dean of the School of Surveying before enrolling in this paper.

SURV 499 Vacation Employment

ES, FY	0.0 EFTS	OC	0 points
Approved work experience.			
LT	BSurv, BSurv(Hons)		
SC	Science		

SURV 509 Advanced Remote Sensing for Earth Observation

NO	0.1482 EFTS	OC	20 points
Comprehensive introduction to remote sensing for Earth Observation and environmental monitoring. Electromagnetic radiation and interactions with materials, optical and radar remote sensing systems, image processing and image interpretation, with applications.			
P	216 points		
R	SURV 309, SURV 318		

SURV 513 Resource Mapping and Image Processing

NO(2028)	0.1482 EFTS	OC	20 points
Digital image pre-processing and processing, including advanced processing techniques. Field data collection, image classification, and image enhancement. Students will produce a resource map and critically evaluate its accuracy based upon literature searches and field checks.			
P	SURV 309 or SURV 314 or SURV 318		
R	SURV 413, SURV 424		

Key S1: first semester; S2: second semester; ES: each semester; FY: full year; SS: Summer School; N1-7: non-standard periods*; NO: not offered in 2027; NO (20XX): not offered, expected to be offered in the year noted; OC: Paper is available on campus; DL: Paper is available by Distance Learning; DP: Departmental permission required; P: Prerequisite; C: Corequisite; PC: Prerequisite or corequisite; R: Restriction; LT: Limited to; RP: Recommended preparation; RC: Recommended concurrent study; L: Location paper is taught at, or from (if no location mentioned, paper is taught at, or from, Dunedin).

*Up-to-date information on non-standard periods, paper availability and class times is available at otago.ac.nz/courses/papers

SURV 514 Advanced 3D Reality Capture

S1	0.1482 EFTS	OC	20 points
Integration of point-cloud mapping technologies, on land and at sea, including lidar, photogrammetry, and multibeam acoustic sensing. Practical applications and skills for collecting, processing, analysing and delivering high-resolution survey data.			
P	216 points		
R	SURV 314		

SURV 518 GI Science for Postgraduates

S2	EFTS	OC	20 points
Advanced Geographic Information Science topics in spatial analysis, modelling and visualisation, including geostatistics, principal components analysis, spatial AI, visual analytics, map cognition and art-enhanced visualisation.			
PC	SURV 320 or SURV 520		
R	SURV 418, SURV 411, SURV 511, SURV 412, SURV 512		

SURV 519 Spatial Algorithms and Programming

S1	0.1482 EFTS	OC	20 points
Spatial data structures and algorithms, underpinned by spatial databases and programming, including customisation of GIS software.			
P	(COMP 121 or COMP 150 or COMP 151 or SURV 102) and (SURV 208 or SURV 220)		
R	SURV 319		

SURV 520 Advanced Spatial Analysis and Visualisation

S2	EFTS	OC	20 points
Geographic Information Science (GIS) through raster analysis, geographic visualisation and big spatial data. Surface and hydrology analysis, visual communication in three dimensions and time, and GIS algorithms and customisation emphasised.			
P	216 points including SURV 220 or SURV 208		
R	SURV 320		

SURV 551 Advanced Surveying Methods

NO(2028)	0.1482 EFTS	OC	20 points
The study of advanced surveying methods and tools including GPS position models, data processing methods and contemporary GPS. Positioning applications including deformation monitoring and analysis methods. Introduction to other space based positioning systems and global datums.			
P	(SURV 301 or SURV 311) and (SURV 302 or SURV 312)		
R	SURV 421 and SURV 451		

SURV 552 Advanced Hydrographic Surveying

S2	0.1482 EFTS	OC	20 points
Fundamentals of acoustics, multibeam sonar systems, motion compensation, side scan sonar methods, LiDAR bathymetry, acoustic positioning, reporting, charting and error analysis, and electronic navigation charts (ENCs).			
P	(SURV 301 or SURV 311) and (SURV 302 or SURV 312) and SURV 322		
R	SURV 422 and SURV 452		

SURV 553 Advanced Urban Design

NO(2028)	0.1482 EFTS	OC	20 points
Advanced urban design and land development planning: sustainability in urban design, urban design theory, place making and the built environment.			
R	SURV 425 and SURV 453		

SURV 555 Advanced Statutory Planning

S1	0.1482 EFTS	OC	20 points
Research and practice for the preparation and presentation of resource consent applications (notification requirements, assessments of environmental effects and public participation) under the Resource Management Act 1991; the function, roles and decisions of the Environment Court and the Environmental Protection Authority.			
P	SURV 205 and 270 points		
R	SURV 335 and SURV 455		

SURV 556 Advanced Land Tenure

S1	0.1482 EFTS	OC	20 points
An exposure to wider issues of land tenure, land administration, land registration and cadastral surveying in the national and international arena.			
P	216 points		
R	SURV 426 and SURV 456		

SURV 557 Advanced Cadastral Surveying

S1	0.1482 EFTS	OC	20 points
An in-depth cadastral project requiring field-work and a full dataset for LINZ lodgement. Advanced case studies of cadastral surveys, limited title surveys, water boundary surveys, surveyor's responsibilities, digital cadastres, licensing issues.			
P	SURV 307 or SURV 317		
R	SURV 427 and SURV 457		

SURV 558 Advanced Marine Law and the Environment

NO	0.1482 EFTS	OC	20 points
An introduction to the law of the sea relating to hydrography including on-shore and off-shore boundary definition, delimitation zones, and the extent of continental shelves. Includes ocean policy, product liability, maritime law, and associated environmental issues.			
P	216 points		
R	SURV 429 and SURV 458		

SURV 559 Advanced Engineering Surveying

S2	0.1482 EFTS	OC	20 points
Precise surveying for engineering, scientific or industrial purposes. Includes survey techniques and management for major structures, tunnels, mining, deformation, and industrial measurement applications.			
P	(SURV 301 or SURV 311) and (SURV 302 or SURV 312)		
R	SURV 431 and SURV 459		

SURV 562 Hydrographic Field Design and Voyage

NO	0.1482 EFTS	OC, DL	20 points
Planning, set up, execution, management, analysis and reporting of hydrographic surveys including field work and voyage components.			
PC	SURV 452 and PMAN 401		
R	SURV 462		
LT	BSurv(Hons), PGDipSci, MSurv, MSc		

SURV 563 Advanced Practical Techniques in Hydrography

NO	0.1482 EFTS	OC	20 points
Advanced course: planning, execution, management, analysis and reporting of a hydrographic survey, with student-led fieldwork and voyage components.			
PC	SURV 562		
R	SURV 463		

SURV 565 Advanced Land Development Management

NO(2028)	0.1482 EFTS	OC	20 points
An in-depth investigation of the engineered systems inherent to land development and the management processes that govern their construction.			
R	SURV 454, SURV 460, SURV 554		

SURV 569 Advanced Topics in Surveying

ES	0.1482 EFTS	OC, DP	20 points
An in-depth study of selected topics in surveying.			
P	162 SURV points		

Note: Students must seek approval from an appropriate School of Surveying supervisor, prior to enrolling in this paper.

SURV 573 Special Topic

FY	0.2964 EFTS	OC, DP	40 points
Courses in approved topics.			
R	SURV 473		
<i>Note: Students must seek approval from an appropriate School of Surveying supervisor, prior to enrolling in this paper.</i>			

SURV 574 Special Topic

ES	0.2964 EFTS	OC, DP	20 points
Courses in approved topics.			
P	20 points		
R	SURV 474		

Note: Students must seek approval from an appropriate School of Surveying supervisor, prior to enrolling in this paper.

SURV 580 Research project

FY, N1	0.3333 EFTS	OC, DP	40 points
A supervised project involving research and leading to the production of a research report.			
R	SURV 473, SURV 590 and SURV 591		
LT	PGDipSci (Surveying) and MSc (Surveying)		

SURV 590 Dissertation

FY, N1	0.2353 EFTS	OC, DP	60 points
A supervised project involving original research and leading to the production of a dissertation.			
R	SURV 490, SURV 580 and SURV 591		

Sustainable Energy

ENRG 401 Applied Applied Engineering Thermodynamics

S1	0.1667 EFTS	OC, DL	20 points
Fundamentals and applications of engineering thermodynamics to energy conversion technologies including heat pumps, air conditioning, refrigeration, combustion and power generation from renewable and non-renewable resources			
R	EMAN 201, ENRG 201		
SC	Science		

Notes: Students without experience of MATH 130 or equivalent should contact the department prior to selecting this paper

ENRG 402 Process Optimisation

S1	0.1667 EFTS	OC	20 points
First and second law analysis; entropy, exergy and pinch methods for process analysis. Process optimisation, integration and applications.			
R	EMAN 402		

ENRG 403 Linear Systems and Control Theory

S2	0.1667 EFTS	OC, DL	20 points
The concept of a system, Laplace transforms, data sampling. Process simulation. Control theory, and numerical methods for design, operation and control of energy systems.			
SC	Science		

ENRG 404 Advanced Energy Resources

S2	0.1667 EFTS	OC, DP	20 points
Advanced studies in the economic, environmental and technical ranking of contemporary energy sources, including non-renewable and renewable resources, energy storage, transportation, inter-conversion and end-use systems.			
R	EMAN 204, EMAN 404 and ENRG 204		

ENRG 405 Energy Practice

S1	0.1667 EFTS	OC, DL	20 points
Energy auditing including site surveys, data acquisition, metering, assessment of demand, analysis of data, project management, monitoring, targeting and reporting.			
SC	Science		

ENRG 406 Special Topic: Renewable Electricity Systems

S1	0.1667 EFTS	OC	20 points
Advanced study of modern highly renewable electricity systems, including generation, variable renewable supply, system security, demand, transmission, markets and regulation. Future scenarios using electrification for deep decarbonisation will be explored.			
R	ENRG 310		

Note: Students without experience of MATH 130 or equivalent should contact the department prior to selecting this paper.

ENRG 410 Energy Policy

NO(2029) 0.1667 EFTS OC, DL 20 points
Contemporary case studies in the energy industry: energy trading and pricing; energy system and plant planning; demand-side management; advanced energy technology; environmental impact analysis; Resource Management Act.

R EMAN 410

T**Telecommunications****TELE 490 Dissertation**

NO 0.3333 EFTS OC 40 points
A supervised project involving original research and leading to the production of a dissertation.

P TELE 202
LT BAppSc(Hons), PGDipAppSci, PGDipSci

Notes: (i) Admission normally requires at least a B average in the 300-level papers taken previously. (ii) Doing TELE 490 in a single semester is exceptional and requires approval from the Head of Department.

Theatre Studies**THEA 422 Theatre of Australasia**

NO 0.25 EFTS OC 30 points
A comparative study of selected theatre texts and performances from New Zealand, Australia and the Pacific.

P 72 300-level THEA points
R THEA 322

Note: Students who have not passed the normal prerequisite may be admitted with approval from the Programme Co-ordinator.

THEA 423 Performance Research

NO 0.25 EFTS OC 30 points
Advanced study of performance as a cultural phenomenon in relation to a variety of historical and theoretical approaches to research methodology.

P 72 300-level THEA points
R THEA 323

THEA 424 Aspects of Modern Drama and Theatre

NO 0.25 EFTS OC 30 points
The study of a body of modern dramatic texts with reference to the particular context of their production.

P 72 300-level THEA points
R THEA 324

Note: With approval from the Programme Co-ordinator, the normal prerequisite may be waived for students with an equivalent level of knowledge.

THEA 441 Advanced Writing for the Stage and Screen

S1 0.25 EFTS OC, DP 30 points
This course combines theory and practice to assist students while they write an original 75-90 minute play or screenplay.

P 72 300-level THEA points
R THEA 341

Note: With approval from the Programme Co-ordinator, the normal prerequisite may be waived for students with an equivalent level of knowledge.

THEA 451 Advanced Directing

FY 0.5 EFTS OC, DP 60 points
The art of directing, through the study and practical application of different methodologies. Students will co-direct and direct two fully realised productions in Allen Hall Theatre.

P 72 300-level THEA points (including THEA 352)

Note: (i) The prerequisite THEA 352 may be replaced by an approved equivalent. (ii) Admission to THEA 451 in any year is limited. Students intending to enrol for this paper should contact the programme co-ordinator.

THEA 452 Advanced Production Project

NO 0.25 EFTS OC, DP 30 points
The staff-led creation and realisation of a theatrical production (or productions) for public performance.

P 72 300-level THEA points

Note: With approval from the Programme Co-ordinator, the normal prerequisite may be waived for students with an equivalent level of knowledge. To do this, apply for Special Permission at the 'Review and Submit' stage of your application.

THEA 453 Directed Project in Theatre

ES, FY 0.25 EFTS OC, DP 30 points
Contribution to an approved theatrical project or the creation of an individual theatrical project.

P 72 300-level THEA points

Notes: (i) Admission by application to the programme co-ordinator by 1 February 2021. (ii) With approval from the Programme Co-ordinator, the normal prerequisite may be waived for students with an equivalent level of knowledge. To do this, apply for Special Permission at the Review and Submit stage of your application.

THEA 454 Special Topic: Theatre from Science

NO 0.25 EFTS OC, DP 30 points
Exploring the relationship between theatre and science, with specific reference to new and emerging trends and developments. This paper contains a significant practice-led component and presumes no prior experience in science.

P 72 300-level THEA points

Notes: (i) Admission to THEA 454 requires Departmental Permission. Students wishing to apply for this paper must contact Theatre Studies to complete an application form and to arrange an interview. (ii) With approval from the Programme Co-ordinator, the normal prerequisite may be waived for students with an equivalent level of knowledge. To do this, apply for Special Permission at the 'Review and Submit' stage of your application.

THEA 455 Shakespeare Text to Performance

NO 0.25 EFTS OC, DP 30 points
Exploring performance practices and an introduction to the dramaturgical and devising skills required to create a Shakespearean concept performance targeting a specific community audience.

P 72 300-level ENGL or THEA points (including THEA 351)

THEA 456 Trauma and Violence in Performance

NO 0.25 EFTS OC 30 points
The issues and practices involved in representing trauma and violence in theatre and performance.

P 72 300-level THEA points
LT BA(Hons), PGDipArts

Note: May not be credited together with THEA 454 passed in 2011 or 2014.

THEA 457 The Working Dramaturg

S1 0.25 EFTS OC 30 points
An overview of the key practices of the dramaturg, including editing of play-scripts, communicating with playwright, director and community, and the selection, development, research and analysis of plays for production.

R THEA 458
P 72 300-level THEA points

Note: May not be credited with THEA 421 taught in 2018 and 2020

THEA 480 Research Project

ES, FY 0.25 EFTS OC, DP 30 points
Supervised study of an approved research topic in theatre studies, involving the writing of one or more long essays.

P 72 300-level THEA points
R THEA 481
LT BA(Hons), PGDipArts

Note: Admission by application to the programme co-ordinator by 1 February.

THEA 490 Dissertation

FY, N1, N2 0.5 EFTS OC, DP 60 points
A dissertation of 14,000 to 17,000 words on an approved research topic. The project may include a practical/creative component, which may affect the word count.

P 72 300-level THEA points
LT BA(Hons), PGDipArts

Note: Admission by application to the programme co-ordinator by 1 February.

THEA 580 Studio Project in Theatre

FY, N1, N2 0.5 EFTS OC, DP 60 points
Creation of one or more approved theatre projects.

LT MA

Note: Admission is by application to the Head of Programme (Theatre Studies) by 1 February.

THEA 590 Research Dissertation

N1, N2 0.5 EFTS OC, DL, DP 60 points
A supervised research dissertation of up to 20,000 words on an approved topic.

LT MA(Coursework)

Tourism**TOUR 423 Advanced Tourism Concepts**

S1 0.1667 EFTS OC 20 points
An examination of the core concepts of tourism studies which incorporates the fields of leisure and recreation, hospitality, and events in a broad social, economic, and environmental frame.

TOUR 428 Event Management: Theory and Practice

S2 0.1667 EFTS OC 20 points
Based around creating and running an event. Connects theory to practice in designing, planning, and evaluating events, with an emphasis on the benefits for attendees, communities and places.

R TOUR 304, TOUR 328, TOUR 426

TOUR 430 Adventure Tourism

N1 0.1667 EFTS DL 20 points
An intensive paper combining online study and fieldwork in the Queenstown Lakes region. Critically examines adventure tourism's cultural, environmental, and sustainability contexts, linking theory and practice through industry engagement and applied learning.

R TOUR 330

TOUR 511 Tourist Culture

S1 0.1667 EFTS OC 20 points
An advanced paper aimed at understanding tourists from a social and cultural perspective, including the scope and nature of tourism and tourist places.

R TOUR 411

Key S1: first semester; S2: second semester; ES: each semester; FY: full year; SS: Summer School; N1-7: non-standard periods; NO: not offered in 2027; NO (20XX): not offered, expected to be offered in the year noted; OC: Paper is available on campus; DL: Paper is available by Distance Learning; DP: Departmental permission required; P: Prerequisite; C: Corequisite; PC: Prerequisite or corequisite; R: Restriction; LT: Limited to; RP: Recommended preparation; RC: Recommended concurrent study; L: Location paper is taught at, or from (if no location mentioned, paper is taught at, or from, Dunedin).

*Up-to-date information on non-standard periods, paper availability and class times is available at otago.ac.nz/courses/papers

TOUR 516 Tourism Entrepreneurship and Business

NO 0.1667 EFTS OC 20 points
Practical and theoretical considerations and the entrepreneurial skills required to operate, finance, manage and acquire tourism businesses.
R TOUR 416

TOUR 518 Tourism Destination Development

S1 0.1667 EFTS OC 20 points
An introduction to the relationships between tourism destinations, management, planning and promotion. Considers strategies relating specifically to tourist destinations, including relationships between stakeholders and tourism organisations, and the role of tourism in regional development.
R TOUR 418

TOUR 520 Special Topic

NO 0.1667 EFTS OC 20 points

TOUR 521 Special Topic: Global Hospitality Operations

NO 0.1667 EFTS OC 20 points
An advanced course of study that examines the key theories and concepts surrounding hospitality and sustainable hospitality management in the twenty-first century and beyond.

TOUR 522 Tourism and Global Environmental Change

S2 0.1667 EFTS OC 20 points
Introduction to tourism and business management in relation to nationally and globally significant natural resources and environments. Critical engagement with the local, national and global environmental issues associated with the sustainable development of tourism.
R TOUR 422

TOUR 527 Tourism and Development Ethnographic Field School

Short Course 0.1667 EFTS OC, DP 20 points
An ethnographic field school, providing students with critical understanding and guided practical experience in designing and conducting ethnographic research related to tourism and development.
R TOUR 427

W

Wildlife Conservation

WILD 401 Principles of Wildlife Conservation

S2 0.1667 EFTS OC 20 points
The application of conservation, evolutionary and ecological sciences to solve wildlife management issues and species recovery.
R WILM 401

Note: Approval from the Head of Department of Zoology is required for non-PGDipWLC / MWLC students.

WILD 402 Techniques of Wildlife Conservation

S1 0.1667 EFTS OC 20 points
A field-based course about perspectives and techniques in wildlife management, including ethical considerations, traditional and novel methods, site and species-led conservation.

R WILM 402
LT PGDipWLC, MWLC

WILD 404 Biostatistics for Wildlife Conservation

S1 0.1667 EFTS OC 20 points
The statistical analysis of real biological data. Graphical and exploratory analysis, estimation and hypothesis testing, experimental design, simulation. Project work consisting of analysis of a real data set.

R WILM 404, ZOOL 316
LT PGDipWLC, MWLC

Note: Approval from the Head of Department of Zoology is required for non-PGDipWLC/MWLC students.

WILD 405 SSpecial Topic in Wildlife Conservation

NO 0.1667 EFTS OC, DP 20 points
R WILM 405
LT PGDipWLC, MWLC

Note: Approval from the Head of Department of Zoology is required for non-PGDipWLM students.

WILD 406 Conservation Biology for Wildlife Conservation

S2 0.1667 EFTS OC 20 points
Ecological, genetic and biogeographic principles underlying biological conservation; rationale for conservation; genetics and population dynamics of small populations; conservation problems relating to human-mediated threats to species. Project work consisting of submission of a research proposal relating to the conservation of indigenous biodiversity in New Zealand.

R ECOL 311, WILM 406, ZOOL 319
LT PGDipWLC, MWLC

Note: Approval from the Head of Department of Zoology is required for non-PGDipWLC/MWLC students.

WILD 501 Wildlife Management Research Placement

S1, FY, N1, N2 0.3333 EFTS OC 40 points
A research project relating to some aspect of wildlife management conducted as a placement within a host organisation.

R WILM 501
LT MWLC

Z

Zoology

ZOOL 410 Evolutionary Genetics

S2 0.1667 EFTS OC 20 points
Contemporary issues in evolutionary genetics. Species concepts, modes of speciation, phylogenetics, defining genetics units for conservation, and the identification and conservation value of hybrids.

ZOOL 411 Evaluating Trends and Controversies in Ecology and Evolution

S1 0.1667 EFTS OC 20 points
Evaluation of past and current trends regarding questions in ecological and evolutionary research and of how those trends influence research outcomes and scientific conclusions.

ZOOL 412 Neurobiology and Behaviour

S2 0.1667 EFTS OC 20 points
Examination of neural basis of perception and behaviour in animals. Advantages and limitations of a simple systems approach for studying brain function.

ZOOL 414 Comparative Physiology

NO 0.1667 EFTS OC 20 points
Issues in reproductive physiology of vertebrates, with emphasis on the mediation and modification of reproductive processes via chemical signals. The two major themes are stress and reproduction.

ZOOL 415 Disease Ecology

S2 0.1667 EFTS OC 20 points
Impact of parasitism on animal behaviour and sociality. Consequences of social network structure for disease transmission. Implications for natural ecosystems, conservation, and wildlife management. Evolution of parasites and transmission modes.

ZOOL 416 Freshwater Ecology

S1 0.1667 EFTS OC 20 points
Current issues in freshwater ecology related to the management and conservation of rivers and lakes. Topics include disturbance, biomanipulation, climate change, biomonitoring and biodiversity.

ZOOL 417 Harvest Management

NO(2028) 0.1667 EFTS OC 20 points
Current concepts and case studies in the sustainable use of wildlife resources, including commercial, recreational, cultural and subsistence harvests.

ZOOL 418 Conservation Biology of Marine Mammals

NO(2028) 0.1667 EFTS OC 20 points
The major conservation problems faced by marine mammals, and the scientific methods used to quantify, reduce and avoid such impacts. Case studies are used to study integration of science and management. The paper focuses on science, including the biological features of marine mammals that make them relatively vulnerable (e.g. long-lived, slow reproducing), but also touches on the social and political dimensions of marine mammal conservation.

ZOOL 420 Advanced Topics in Zoology

NO 0.1667 EFTS OC 20 points

ZOOL 422 Advanced Topics in Animal Behaviour

S2 0.1667 EFTS OC 20 points
In-depth discussion-based format focused on 3-4 current topics in the field of animal behaviour. Each topic to be led by an expert in that field.

P ZOOL 314 or ZOOL 315

Note: The prerequisite may be waived for students with an equivalent level of knowledge. To do this, apply for Special Permission during paper selection on the Review and submit page.

ZOOL 423 From Extinction to De-Extinction

S1 0.1667 EFTS OC 20 points
Reconstructing prehistoric ecosystems and impacts of humans and climate change through the use of Quaternary techniques, including assessing extinction causes, what the future holds for conservation, ecosystem restoration and de-extinction.

ZOOL 424 Special Topic

NO 0.1667 EFTS OC 20 points
Topics change year to year.

ZOOL 425 Conservation Genomics

S2 0.1667 EFTS OC 20 points
Understanding how genetic concepts, including inbreeding and population structure, inform the management of populations. This paper pays particular attention to indigenous perspectives and communication skills.

R GENE 222, GENE 315, ZOOL 424 passed between 2020 and 2023.

ZOOL 480 Research Project

FY, N1 0.3333 EFTS OC 40 points
A supervised project involving research and leading to the production of a research report.

LT PGDipSci

Note: Carried out over 9 to 10 months, involving an average of 12 to 13 hours of work per week.

ZOOL 490 Dissertation

FY, N1 0.5 EFTS OC 60 points
A supervised project involving original research and leading to the production of a dissertation.

LT BSc(Hons)

Note: Carried out over 9 to 10 months, involving an average of 16 to 18 hours of work per week.

ZOOL 495 Master's Thesis Preparation

FY, N1 0.3333 EFTS OC 40 points
Preparation of a thesis proposal/preliminary thesis research. Normally taken by students in the papers year for a Master's degree by papers and thesis.

LT MSc

Note: Carried out over 9 to 10 months, involving an average of 12 to 13 hours of work per week.