

2022



Course Catalogue

Rārangi Akoranga

2022 Rārangi Akoranga | Course Catalogue

Course information in the 2022 Rārangi Akoranga | Course Catalogue is, as far as possible, accurate up to Tihema | December 2021. However, course information is subject to change. Please check www.canterbury.ac.nz/courses for the latest information.

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How to read a Rārangī Akoranga | Course Catalogue entry

Course code	_____ PHYS 399 Physics Research _____	Course title
Points	_____ 15 points	0.1250 EFTS _____ EFTS
Course description	_____ Study of the physics of stellar structure, Martian equations, as well as the theoretical and practical implications of cultural discourse.	
Prerequisites	_____ P: MATH 105	
Corequisites	_____ C: PHYS 398	
Restrictions	_____ R: ASTR 392	
Recommended preparation	_____ RP: PHYS 201	
Equivalent courses	_____ EQ: ASTR 392	
Course occurrence code	_____ PHYS399-22SU2 (C) Summer (Nov 21)	
Notes	_____ <i>Note: Limited entry. See limitation of entry regulations.</i>	

The diagram above explains the components of a typical course entry (the example shown is for the purposes of illustration only and is not a real course).

Course code

The course code consists of a four-letter subject code (eg, PHYS for Physics) and a three digit number (eg, 399), the first number of which indicates the level of the course (eg, 399 = 300-level).

Course title

The course title (eg, Physics Research) provides a quick guide to the area covered by the course.

Pts: Points

This is the number of points that will be credited to your degree/ diploma/certificate if you pass the course.

EFTS

EFTS means 'equivalent full-time student'. This is the Ministry of Education's basic unit of funding to the University. The EFTS value of a course is multiplied by the appropriate fee band to determine the fees for a course. The EFTS value can also be used to a guide to workload.

Course description

The course description is a brief summary of the topics that are covered by the course.

Prerequisites

Prerequisites are the course(s) you need to pass before you can enrol in a course.

Corequisites

Corequisites are courses you must either have already passed, or be concurrently enrolled in, to enrol in a course.

Restrictions

A restriction means you cannot count both this course and any course(s) restricted against it towards your degree. Restrictions occur where two (or more) courses cover substantially the same material..

Recommended preparation

Recommended preparation (RP) includes a course (or courses) the school or department recommends you take before enrolling in a course.

Equivalent courses

Equivalent courses are courses which cover the same material but which are coded to different subjects or different qualifications.

Course occurrence code

eg, **PHYS 399-22SU2 (C) Summer (Nov22)**

The course occurrence code is made up of the course code (eg, PHYS399), the year it is being offered in (eg, 22 = 2022), a semester indicator (eg, SU2 = Summer course with a November 2021 start date) and a site indicator (eg, C = Christchurch) – see over page for a list of official course start dates and site codes. One course can have multiple occurrences.

Notes

The notes field contains any other important information which relates to the course.

Semester indicators and 2022 course start dates

Semester Indicator	Semester Description	Official course start date	Official course finish date
S1	Semester One	21 February	24 June
S2	Semester Two	18 July	11 November
W	Whole Year	21 February	11 November
CY	Cross Year	18 July	7 July 2023
B1	Bridging One	21 February	10 April
B2	Bridging Two	18 July	5 June
FY	Full Year	21 February	20 February 2023
BTM21T1*	BTM One	31 January	24 April
BTM21T2*	BTM Two	16 May	7 August
BTM21T3*	BTM Three	29 August	20 November
MBA21T1	MBA One	14 February	8 May
MBA21T2	MBA Two	23 May	14 August
MBA21T3	MBA Three	5 September	27 November
YA	Full Year A	11 July	13 November
YA1	Full Year A (First Half)	31 January	26 June
YA2	Year A (Second Half)	11 July	13 November
YB	Full Year B	1 February	14 November
YC1	Year C (First Half)	26 June	27 February
YC2	Year C (Second Half)	20 November	31 July

Notes: These dates were accurate as at Oketopa / October 2021. All dates are 2022 unless otherwise noted. Any changes will be updated on www.canterbury.ac.nz/study/keydates

* BTM relates to the Business Taught Masters Programme and includes the following courses codes MBAZ, MBUS, MPAC, MFIN, MBIS.

Summer courses and other semester indicators

The following semesters start and finish on various dates.

Semester Indicator	Semester Description
SU1	Summer (January 2022 start)
SU2	Summer (November 2021 start)
BSU2	18 December
T1	Term One
T2	Term Two
T3	Term Three
T4	Term Four
X	General non-calendar-based
A	Any Time Start

Site codes

Code	Description
A	Christchurch, Arts Centre
C	Christchurch, on-campus
D	Distance
N	Nelson

Accounting

Department of Accounting and Information Systems

ACCT102 Accounting and Financial Information

15 Points 0.1250 EFTS

Students will develop an understanding of the structure and functions of general purpose financial reports from a reader's perspective. They will be introduced to current non-financial reporting issues such as the challenge of sustainability within business and society. Students will gain an introductory understanding of management accounting and business finance.

R: ACIS102, AFIS101, AFIS102, AFIS111, AFIS122, AFIS132, AFIS188.

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

ACCT102-22S1 (C) Semester 1

ACCT102-22S1 (D) Semester 1

ACCT102-22S2 (C) Semester 2

ACCT102-22S2 (D) Semester 2

ACCT103 Accounting and Taxation: An Introduction

15 Points 0.1250 EFTS

The course introduces taxation and accounting in the context of service, retail, manufacturing, tourism, farming and construction businesses. It includes the rudiments of bookkeeping and the preparation of reports about cash flows, profits and accumulating capital and wealth. It caters for accounting and taxation majors, and for entrepreneurially-minded students contemplating running their own businesses.

P: ACCT102

R: ACIS103, AFIS101, AFIS103, AFIS111, AFIS121, AFIS131

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

ACCT103-22S1 (C) Semester 1

ACCT103-22S1 (D) Semester 1

ACCT103-22S2 (C) Semester 2

ACCT103-22S2 (D) Semester 2

ACCT152 Law and Business

15 Points 0.1250 EFTS

An introduction to the legal environment of business in New Zealand including the Treaty of Waitangi and the Bill of Rights, and concepts of contract, tort, trusts, property and law of principal and agent.

R: ACIS152, AFIS151, AFIS152

Domestic Fee: \$845 (2021)

International Fee: \$4,313 (2021)

ACCT152-22S1 (C) Semester 1

ACCT152-22S1 (D) Semester 1

ACCT211 Financial Accounting

15 Points 0.1250 EFTS

The course develops further understanding of financial accounting issues for companies and other entities in their New Zealand and international context. Topics include: the NZ regulatory environment; profit determination; presentation of financial statements including group accounts; current issues in financial accounting.

P: ACCT102 and ACCT103

R: ACIS211, AFIS211

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

ACCT211-22S2 (C) Semester 2

ACCT212 Business Professionals: skills, attributes and practice

15 Points 0.1250 EFTS

Not offered in 2022

This course is a career-oriented learning experience for business professionals participating in corporate, social and public enterprises, including professional accounting firms. It will help in compiling your UC Employability Portfolio, a graduating requirement for the Bachelor of Commerce (see BSNS299). It covers people skills, leadership and followership, curiosity and agility, deep learning, conducting inquiries and analysis, whistle-blowing and ethical dilemmas, and culture. It examines the work of consultants, analysts, innovators, investigators, controllers, etc. This blends with the technical and academic learning in your major, and anticipates the challenging and rewarding situations you will face as your career advances.

P: Any 60 points

ACCT222 Management Accounting

15 Points 0.1250 EFTS

An introduction to contemporary management accounting theory and practice. Topics include: planning and budgeting; cost management; decision-making; performance measurement and evaluation; and strategic management accounting.

P: ACCT102

R: ACIS222, AFIS222

EQ: ACIS222, AFIS222

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

ACCT222-22S1 (C) Semester 1

ACCT252 Law of Business Contracts

15 Points 0.1250 EFTS

This course considers the general principles of contract law and the concepts of consumer law.

P: ACCT152 or LAWS101

R: ACIS252, AFIS151, AFIS252, LAWS203.

Domestic Fee: \$845 (2021)

International Fee: \$4,313 (2021)

ACCT252-22S2 (C) Semester 2

ACCT254 Taxation

15 Points 0.1250 EFTS

The general principles of taxation. Topics include: principles of residence and source, the taxation of income from employment, personal property sales, deductions, depreciation, leases and trading stock and the dispute resolution process. The course will provide a working knowledge of income tax, GST, and FBT.

P: ACCT103

C: ACCT152 or LAWS101

R: ACIS254, AFIS254

EQ: ACIS254

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

ACCT254-22S1 (C) Semester 1

ACCT256 Law of Business Organisations

15 Points 0.1250 EFTS

This course considers aspects of the law relating to companies, partnerships and other trading structures and provides an introduction to personal and corporate insolvency law.

P: ACCT152 or LAWS101

R: AFIS253, ACIS256, AFIS256, LAWS305, LAWS312

Domestic Fee: \$845 (2021)

International Fee: \$4,313 (2021)

ACCT256-22S2 (C) Semester 2

ACCT311 Financial Accounting: Theory & Practice

15 Points 0.1250 EFTS

How is financial accounting information created and communicated? What purposes does it serve? Who uses the information and how? What are the roles of theory and practice in this process? How do agents influence this process and what are their motives? - The course explores topics such as standard setting, accounting allocations, wealth creation, revenue recognition, equity valuation and bankruptcy prediction. The topics follow matters that have been debated for some time and which remain central to financial accounting discourse. The objective of the course is for students to be able to demonstrate advanced knowledge of these contemporary accounting issues and challenges.

P: ACCT211

R: AFIS301, ACIS311, AFIS311, AFIS501.

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

ACCT311-22S1 (C) Semester 1

ACCT312 Advanced Financial Accounting

15 Points 0.1250 EFTS

This course builds upon the knowledge gained in first and second year courses in accounting, and specifically considers various aspects of financial reporting. The course integrates theory, financial accounting standards, relevant current activities taking place in the business environment, and current accounting issues, to provide students with a good understanding of why accounting is practised the way it is, while also considering on key financial reporting standards and controversial issues relating to those topics.

P: ACCT211

R: ACIS312, AFIS301, AFIS312, AFIS501.

Domestic Fee: \$831 (2021)

International Fee: \$3,875 (2021)

ACCT312-22S2 (C) Semester 2

ACCT316 Public Management and Governance

15 Points 0.1250 EFTS

Where does your water come from? How can you manage, control and account a hospital? If you were elected to a regional council, how would you balance farming, fishing, tourism and conservation interests? This course examines how public services are governed and managed locally, nationally and internationally, bringing in such challenges as achieving consensus among publics with differing politics and competing interests, making the most of scarce resources, recovering from natural disasters and persuading people to fund services through taxation.

P: Any 45 points at 200-level or above.

R: ACIS316, AFIS316, AFIS516, POLS316

EQ: ACIS316, and AFIS316

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

ACCT316-22S1 (C) Semester 1

Accounting

ACCT332 Advanced Management Accounting

15 Points 0.1250 EFTS
Develops advanced understanding of the application of management accounting to complex problems. Explores issues in strategic management, costing systems, control systems and performance management. Builds communication, critical thinking and managerial skills.

P: ACCT222 and ACCT103
R: ACIS332, AFIS332, AFIS322, AFIS522
Domestic Fee: \$845 (2021)
International Fee: \$3,975 (2021)

ACCT332-22S2 (C) Semester 2

ACCT340 Social and Environmental Reporting

15 Points 0.1250 EFTS
A study of forms of non-financial accounting; possibilities and limitations; philosophies behind different accounts - especially sustainability accounts and intellectual capital statements; reasons for non-financial accounting; problems such accounts can contribute to solve.

P: Any 45 points at 200-level or above.
R: ACIS340, AFIS340
Domestic Fee: \$845 (2021)
International Fee: \$3,975 (2021)

ACCT340-22S1 (C) Semester 1

ACCT341 Public Accounting and Finance

15 Points 0.1250 EFTS
What does the NZ Government do with your \$100 billion? Indeed, what does any national or local government do with the trillions of dollars in taxes they collect? Students will consider these and related questions, examining the roles and practices of accounting and finance among political, official and professional persons involved in governmental organisations in such domains as education, health and welfare, conservation, security, and institutional, material, economic and social infrastructure.

P: Any 45 points at 200-level or above.
R: ACIS341, AFIS341
EQ: ACIS341
Domestic Fee: \$845 (2021)
International Fee: \$3,975 (2021)

ACCT341-22S2 (C) Semester 2

ACCT342 Contemporary Issues in Management Accounting

15 Points 0.1250 EFTS

Not offered in 2022

Management accounting theory and research; contemporary issues; insights from practice, research and academic commentary.

P: ACCT222 and ACCT103
R: ACIS342, AFIS322, AFIS342, AFIS522.

ACCT346 Auditing

15 Points 0.1250 EFTS

The need for and the nature of auditing; knowledge base about audit theory and method; skills needed for the practice of auditing; issues confronting the auditing profession.

P: INFO123 and ACCT211.
R: ACIS346, AFIS306, AFIS346, AFIS506.
RP: INFO243
Domestic Fee: \$845 (2021)
International Fee: \$3,975 (2021)

ACCT346-22S1 (C) Semester 1

ACCT356 Advanced Auditing

15 Points 0.1250 EFTS

A study of advanced topics and contemporary issues in auditing, such as audit data analytics, fraud auditing, and the roles of professional judgement and scepticism.

P: ACCT346
R: ACIS356, AFIS306, AFIS356, AFIS506.
Domestic Fee: \$845 (2021)
International Fee: \$3,975 (2021)

ACCT356-22S2 (C) Semester 2

ACCT358 Advanced Taxation

15 Points 0.1250 EFTS

This course considers the interpretation of legislation; tax planning, tax avoidance and tax evasion; tax investigations and dispute resolution; tax penalties; ethics; international taxation; and company taxation.

P: (1) ACCT152 or LAWS101; and (2) ACCT254 OR LAWS352
R: ACIS358, ACIS354
Domestic Fee: \$845 (2021)
International Fee: \$3,975 (2021)

ACCT358-22S1 (C) Semester 1

ACCT359 Further Issues in Advanced Taxation

15 Points 0.1250 EFTS
This course includes consideration of tax compliance; business and tax ethics; tax policy; international taxation; and an introduction to the charities sector (and other taxation issues) in New Zealand.

P: ACCT358
R: ACIS359, ACIS354
EQ: ACIS359
Domestic Fee: \$845 (2021)
International Fee: \$3,975 (2021)

ACCT359-22S2 (C) Semester 2

ACCT365 Special Topic

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Head of Department.

R: AFIS365

ACCT367 Special Topic

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Head of Department.

R: AFIS367

ACCT368 Special Topic

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Head of Department.

R: AFIS368

ACCT369 Special Topic

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Head of Department.

R: AFIS369

Limited entry. See limitation of entry regulations.

ACCT390 Accounting Internship

15 Points 0.1250 EFTS

An accounting internship involving real world work experience that enables the (further) development and application of knowledge and/or expertise in accounting related subjects; problem solving; reflection; synthesis; and communication skills.

P: (1) At least 60 points in 200 level ACCT courses (2) Subject to Head of Department Approval

R: ACCT364, ECON390, FINC390, MKTG390, INFO390

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

ACCT390-22S1 (C) Semester 1

ACCT390-22S2 (C) Semester 2

Postgraduate

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

ACCT614 Research Methodology and Epistemology

30 Points 0.2500 EFTS

ACCT614 seeks to provide students with a thorough introduction to the principal assumptions that underpin the development of research ideas in accounting, information systems and related disciplines. More particularly, it seeks to expose students to the theoretical and philosophical foundations of knowledge and reality. You will also be introduced to both quantitative and qualitative research methods.

P: Subject to approval of the Head of Department.

R: ACIS614, AFIS614, INFO614

Domestic Fee: \$2,018 (2021)

International Fee: \$7,950 (2021)

ACCT614-22S1 (C) Semester 1

ACCT621 The Law and Economics of Competition Policy

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Head of Department.

R: ACIS621

ACCT622 Special Topic
15 Points 0.1250 EFTS
Not offered in 2022
P: Subject to approval of the Head of Department

ACCT623 Management Accounting Research
15 Points 0.1250 EFTS
The course examines current issues in management accounting research.
P: Subject to approval of the Head of Department.
R: ACIS623, AFIS623
Domestic Fee: \$1,009 (2021)
International Fee: \$3,975 (2021)
ACCT623-22S2 (C) Semester 2

ACCT624 Corporate Governance
15 Points 0.1250 EFTS
Corporate governance theory and practice. Topics include: Corporate governance in New Zealand, Australia, and around the world; Theories of corporate governance; The board of directors and its committees; Director and executive remuneration; Corporate governance scandals; and Stakeholders.
P: Subject to approval of the Head of Department.
R: FINC611, FINC650, ACIS624
EQ: FINC611
Domestic Fee: \$1,009 (2021)
International Fee: \$3,975 (2021)
ACCT624-22S2 (C) Semester 2

ACCT625 Financial Distress
15 Points 0.1250 EFTS
Not offered in 2022
Aspects of financial distress
P: Subject to approval of the Head of Department.
R: FINC606, FINC649, ACIS625
EQ: FINC606

ACCT626 Advanced Issues in Tax Compliance
15 Points 0.1250 EFTS
The objective of this course is to give a critical examination of advanced aspects of taxation theory, law, and practice from a tax compliance perspective. The course draws upon theories and research techniques from accounting and other disciplines, including economics, law, psychology, and sociology.
P: Subject to approval of the Head of Department.
R: ACIS626, AFIS626
Domestic Fee: \$1,009 (2021)
International Fee: \$3,975 (2021)
ACCT626-22S1 (C) Semester 1

ACCT627 Special Topic
15 Points 0.1250 EFTS
Not offered in 2022
P: Subject to approval of the Head of Department

ACCT632 Special Topic
15 Points 0.1250 EFTS
Not offered in 2022
P: Subject to approval of the Head of Department

ACCT634 Contemporary Issues in Taxation
15 Points 0.1250 EFTS
The objectives of this course are to critically explore current issues in taxation; to consider some of the primary theoretical frameworks used in tax research; and to investigate global approaches to important tax issues.
P: Subject to approval of the Head of Department
R: ACIS634
Domestic Fee: \$1,009 (2021)
International Fee: \$3,975 (2021)
ACCT634-22S2 (C) Semester 2

ACCT635 Special Topic
15 Points 0.1250 EFTS
P: Subject to approval of the Head of Department
Domestic Fee: \$1,009 (2021)
International Fee: \$3,975 (2021)
ACCT635-22S1 (C) Semester 1

ACCT641 Special Topic
15 Points 0.1250 EFTS
Not offered in 2022
P: Subject to approval of the Head of Department

ACCT644 Financial Management and Accountability of Governments
15 Points 0.1250 EFTS
Not offered in 2022
Students explore particular features of governments and organisations that provide public services from various accounting and public finance perspectives.
P: Subject to approval of the Head of Department.
R: ACIS644, AFIS644

ACCT648 Contemporary Issues in Financial Accounting
15 Points 0.1250 EFTS
The course will engage students in analysis of a wide range of contemporary issues in financial accounting and financial reporting. At the conclusion of the course, students will have acquired a deeper and more critical appreciation of the corpus of contemporary financial accounting thought and practice.
P: Subject to approval of the Head of Department
R: ACIS648
Domestic Fee: \$1,009 (2021)
International Fee: \$3,975 (2021)
ACCT648-22S1 (C) Semester 1

ACCT656 European Business Law
15 Points 0.1250 EFTS
Not offered in 2022
This course examines the legal framework for the conduct of business in the European Community as well as the wider implications of the role played in international trade by the EC as a trading power. The course analyses in detail the mechanisms for the creation and maintenance of the single market within the EC. To this end it considers the critical areas of free movement of goods, persons, services, economic enterprises (establishment) and capital as well as the contingent issues of taxation and harmonisation.
P: Subject to approval of Head of Department
R: ACIS656, EURO456
EQ: EURO456

ACCT657 Franchising Law
15 Points 0.1250 EFTS
Not offered in 2022
Franchising Law includes aspects of Business Law with an emphasis on franchising and related issues in New Zealand, Australia and relevant jurisdictions; contract issues, remedies.
P: Subject to approval of the Head of Department.
R: ACIS 657
RP: ACCT 152, 252 and 256

ACCT658 Contemporary Research in Auditing
15 Points 0.1250 EFTS
This course (1) develops students' abilities to identify and understand contemporary auditing issues and related professional problems, and (2) develops a capability to identify, design and conduct research relating to such issues/problems.
P: Subject to approval of the Head of Department
R: ACIS658, AFIS658
Domestic Fee: \$1,009 (2021)
International Fee: \$3,975 (2021)
ACCT658-22S1 (C) Semester 1

ACCT659 Sustainability, Business, and Social and Environmental Accountability
15 Points 0.1250 EFTS
Not offered in 2022
This course exposes students to an array of international and NZ-based emerging issues in sustainability, and the role of business organisations in contributing to sustainable development, as well as how such organisations account for and report on their social and environmental impacts.
P: Subject to approval of the Head of Department.
R: ACIS659, AFIS659
Domestic Fee: \$1,009 (2021)
International Fee: \$3,975 (2021)

Antarctic Studies

ACCT680 Research Project

30 Points 0.2500 EFTS

This course is one of individual study under personal supervision. It entails carrying out research over a seven month period, and writing a report about how and why the research was conducted, what was found and the implications of these findings. The course is designed for students completing the B.Com(Hons) degree in Accounting or Taxation and Accounting.

P: Subject to approval of the Head of Department

R: ACIS680, AFIS680, INFO680

Domestic Fee: \$2,018 (2021)

International Fee: \$7,950 (2021)

ACCT680-22A (C) Starts Anytime

ACCT680-22W (C) Whole Year (S1 and S2)

ACCT690 MCom Thesis

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department.

R: ACIS690, AFIS690

Domestic Fee: \$7,558 (2021)

International Fee: \$31,800 (2021)

ACCT690-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval.

ACCT694 MCom Thesis

90 Points 0.7500 EFTS

P: Subject to approval of the Head of Department

Domestic Fee: \$5,669 (2021)

International Fee: \$23,850 (2021)

ACCT694-22A (C) Starts Anytime

ACCT790 Accounting PhD

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department.

R: ACIS790, AFIS790

Domestic Fee: \$7,558 (2021)

International Fee: \$31,800 (2021)

ACCT790-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.

Antarctic Studies

Gateway Antarctica

ANTA101 Antarctica

15 Points 0.1250 EFTS

This introductory course explores the Antarctic continent and the Southern Ocean. It aims to develop an understanding of the relevance of the polar regions to current issues such as climate change, environmental management, and living resource conservation and protection. The content of the course will be a combination of ANTA102 and ANTA103. The course will be delivered entirely online through LEARN, which will allow students flexibility as to when they view the lectures.

R: INCO103, ANTA102 and ANTA103, ANTA112 and ANTA113

Domestic Fee: \$910 (2021)

International Fee: \$4,438 (2021)

ANTA101-21SU2 (D) Summer (Nov 21)

ANTA102 Antarctica: The Cold Continent

15 Points 0.1250 EFTS

This introductory course explores the evolution of the Antarctic continent, the dynamics of polar ice, the drivers of weather and climate in Antarctica, the circulation of the Southern Ocean, astronomy and human interaction with the polar region including the history of exploration and intriguing legal issues.

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

ANTA102-22S1 (C) Semester 1

ANTA103 Antarctica: Life in the Cold

15 Points 0.1250 EFTS

Not offered in 2022

This introductory course focuses on biology and explores how plants, microbes, animals and humans adapt to living in the extreme environments of the Antarctic, the sub-Antarctic and the Southern Ocean. Low temperatures and periods of total darkness are just some of the extremes to be endured. Discussion includes human psychology, and our interaction with the polar region lying at New Zealand's back door.

ANTA201 Antarctica and Global Change

15 Points 0.1250 EFTS

This course provides a multidisciplinary approach to understanding how Antarctica will be affected by global change. It takes a Science System approach and investigates the linkages between the Antarctic atmosphere, cryosphere, lithosphere and biosphere.

P: 30 points from 100-level Antarctic Studies, Biology, Geography or Geology courses

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

ANTA201-22S1 (C) Semester 1

Postgraduate

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

ANTA601 Antarctica: Contemporary Issues, Perspectives Part 1

15 Points 0.1250 EFTS

Not offered in 2022

A critical examination of the major scientific and environmental themes and contemporary issues facing Antarctica and the Southern Ocean. This course will be taught as an intensive summer school, and will include lectures, workshops, seminars, syndicate work, and Christchurch-based field work. This course will be offered in November. ANTA601 is one of the four compulsory courses (ANTA601-604), which make up the Postgraduate Certificate in Antarctic Studies.

P: Subject to approval of the Head of Department.

R: ANTA501

Limited entry. See limitation of entry regulations.

ANTA602 Antarctica: Contemporary Issues, Perspectives Part 2

15 Points 0.1250 EFTS

Not offered in 2022

A critical examination of the major social, political and legal themes and contemporary issues facing Antarctica and the Southern Ocean. This course will be taught as an intensive summer school and will include lectures, seminars, group discussion and the preparation of a written review on a major topic. This course will be offered in November. ANTA602 is one of the four compulsory courses (ANTA601-604), which make up the Post Graduate Certificate in Antarctic Studies.

P: Subject to approval of the Head of Department.

R: ANTA502

Limited entry. See limitation of entry regulations.

ANTA603 Antarctic Field Work

15 Points 0.1250 EFTS

Not offered in 2022

An 8-10 day field course at Scott Base and in Windless Bight, Antarctica, comprising a mix of analytical projects (data and information gathering, analysis and interpretation) and interpretative exercises. Antarctic field training and the experience of living and working in the polar environment are additional components of this course. A written report on field projects will be required. This course will be offered in November. ANTA603 is one of the four compulsory courses (ANTA601-604), which make up the Postgraduate Certificate in Antarctic Studies.

P: Subject to approval of the Head of Department.

R: ANTA503

Limited entry. See limitation of entry regulations.

ANTA604 Supervised Project in Antarctic Studies

15 Points 0.1250 EFTS

Not offered in 2022

A major written project on an approved topic relating to Antarctica and the Southern Ocean. This course will be offered in November. ANTA604 is one of the four compulsory courses (ANTA601-604), which make up the Postgraduate Certificate in Antarctic Studies.

P: Subject to approval of the Head of Department.

R: ANTA504

Limited entry. See limitation of entry regulations.

ANTA607 Introduction to Antarctic Studies and Research

30 Points 0.2500 EFTS

Not offered in 2022

A major written literature review and project report on an approved topic relating to Antarctica and the Southern Ocean as appropriate, including the analysis of newly acquired or available data or information. Projects on offer, along with pre-requisites, will be made available at least a month prior to the PCAS/MASt course application deadline and students will be encouraged to contact a potential supervisor to assist in identifying a good match between supervisors' and supervisees' skillsets. The literature study will start at enrolment into the course. Project allocations will have to be approved by supervisors, and students will need to make contact with the project supervisor prior to the commencement of the course. Practical components, data analysis, and field experiments may be related to ANTA603 (Antarctic field work) in some cases, but, this will need to be discussed with the course coordinator and project supervisor at an early stage. All projects will be expandable into a MASt dissertation topic if agreed with the relevant project supervisor.

P: Subject to approval of the Head of Department.

R: ANTA602 and ANTA604

ANTA691 Dissertation
90 Points 0.7500 EFTS
A dissertation in Antarctic Studies
P: 60 points (ANTA601; ANTA602; ANTA603; ANTA604)
Domestic Fee: \$6,129 (2021)
International Fee: \$30,000 (2021)
ANTA691-22A (C) Starts Anytime

ANTA692 Thesis
120 Points 1.0000 EFTS
Research thesis on a topic of relevance to Antarctic Studies.
P: Subject to the approval of the Head of Department.
Domestic Fee: \$8,172 (2021)
International Fee: \$40,000 (2021)
ANTA692-22A (C) Starts Anytime
Part-time enrolment (0.65 EFTS) is available on approval.

ANTA790 Antarctic Studies PhD
120 Points 1.0000 EFTS
P: Subject to approval of the Head of Department.
Domestic Fee: \$8,172 (2021)
International Fee: \$40,000 (2021)
ANTA790-22A (C) Starts Anytime
*Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Anthropology

Language, Social and Political Sciences

ANTH102 Cultural Diversity and The Making of The Modern World
15 Points 0.1250 EFTS
Not offered in 2022
Global in its scope and comparative in its analysis, social and cultural anthropology is ideally equipped to explore the diversity of human social life and the variety of cultural understandings that emerge from it. This course introduces the discipline of socio-cultural anthropology, the peoples and places with whom anthropologists work, and key themes in the study of society and culture. Crucially, it also explores fundamental questions about cultural diversity, and provides the intellectual tools for making sense of the diverse, interconnected world in which we live.

ANTH104 Indigenous peoples, development and anthropology
15 Points 0.1250 EFTS
Not offered in 2022
This course provides a critical view of the contemporary and historical situation of indigenous people in New Zealand and elsewhere. The course pays attention especially to the wider socio-political and economic contexts that indigenous people have experienced and continue to live in. This includes questions relevant to colonial and post-colonial contexts, the relationship between indigenous people and the modern nation-state, and their position within a globalized world. The question of cultural survival is addressed through analyses of genocide and ethnocide, constructions of identity (including bi-cultural identity), and the nature and extent of appropriation and modification of culture by both indigenous peoples and those with whom they have political and economic relationships. The nature and effects of hegemonic rule, accommodation of new cultural elements, subaltern resistance and the development of new identities and movements, are also included. The course illustrates that indigenous people are not simply victims of oppression and marginalization, but self-conscious actors who in all periods of history and with different means have - more or less successfully - resisted structures of power and domination and fought for their rights.
R: MAOR170
EQ: MAOR170

ANTH105 Human Evolution
15 Points 0.1250 EFTS
This course is an introduction to the biological, behavioural, and cultural evolution of hominids from the earliest evidence to the emergence of the Neolithic revolution.
Domestic Fee: \$799 (2021)
International Fee: \$3,600 (2021)
ANTH105-22S2 (C) Semester 2

ANTH108 Witchcraft, Magic and The Dead
15 Points 0.1250 EFTS
This course aims to challenge taken-for-granted assumptions about witchcraft, magic and the dead, including their association with non-western worlds, as well as introducing students to key anthropological concerns such as ritual, symbolism and religion.
Domestic Fee: \$799 (2021)
International Fee: \$3,600 (2021)
ANTH108-22S1 (C) Semester 1

ANTH202 Politics, Power and Capitalism
15 Points 0.1250 EFTS
Not offered in 2022
This course poses fundamental questions about the domain of "the political" in relation to interest, influence, and power. It applies these concerns to the dominant social, political, and economic system of our times - capitalism. Concerned with its historical and geographical spread, its ideological manifestations, its crises, and its oppositional movements, it introduces students to critical ethnographies that explore issues of wealth and inequality, protest and control, and the role of military, technological, and economic power in contemporary societies.
P: Any 15 points at 100 level from ANTH or SOCI, or any 60 points at 100 level from the Schedule V of the BA.
R: ANTH302

ANTH207 Visual Anthropology
15 Points 0.1250 EFTS
Not offered in 2022
This course is about visual representations of culture and cultural difference. It looks at a wide variety of visual media, including art, photography, film, video, and digital technologies, to explore the ways in which these shape both the perception, and the experience, of cultural difference.
P: Any 15 points at 100 level from ANTH or SOCI or any 60 points at 100 level from the Schedule V of the BA.
R: ANTH307

ANTH208 Food and Eating
15 Points 0.1250 EFTS
Not offered in 2022
This course explores the food chain, from production, through consumption, to exchange and considers the ways in which food is implicated in the reproduction of and resistance to, inequalities of class, gender, ethnicity and nationalism.
P: Any 15 points at 100 level from ANTH or SOCI or any 60 points at 100 level from the Schedule V of the BA.
R: GEND224, ANTH308, SOCI262, GEND324, SOCI362
EQ: SOCI262

ANTH212 Kinship and Family in Comparative Perspective
15 Points 0.1250 EFTS
This course focuses on the importance and nature of family and kinship in the construction and maintenance of social relations by individuals as well as groups, in a variety of ethnographic contexts.
P: Any 15 points at 100 level from ANTH or SOCI or any 60 points at 100 level from the Schedule V of the BA.
R: ANTH312, GEND218, GEND318, SOCI212, SOCI312
EQ: SOCI212
Domestic Fee: \$799 (2021)
International Fee: \$3,600 (2021)
ANTH212-22S1 (C) Semester 1

ANTH213 Environment, Development and Disaster
15 Points 0.1250 EFTS
Not offered in 2022
This course is concerned with the social and ecological impacts of human activity in the context of a global fossil fuel civilization. Investigating problems of climate change, natural disaster, declining biodiversity, and environmental degradation, it provides an anthropologically informed perspective on crucial issues at the intersection of ecology, sustainable development, and social activism.
P: Any 15 points at 100 level from ANTH, GEOG, or SOCI, or 60 points at 100 level from the Schedule V of the BA.
R: ANTH313
EQ: ANTH313

ANTH223 Ethnicity, Racism and History
15 Points 0.1250 EFTS
This course provides a critical introduction to the historical and anthropological study of ethnicity, racism, genocide and migration.
P: Any 15 points at 100 level from ANTH, HIST, MAOR, or SOCI, or 60 points at 100 level from the Schedule V of the BA.
R: HIST283, MAOR230, PACS204, SOCI223
EQ: HIST283, MAOR230, PACS204
Domestic Fee: \$799 (2021)
International Fee: \$3,600 (2021)
ANTH223-22S2 (C) Semester 2

Anthropology

ANTH238 Exploring the Past: Public History, Memory and Material Culture

15 Points 0.1250 EFTS

Not offered in 2022

This course is a 'hands-on' introduction to public history and historical ethnography, taught through a combination of workshops, tutorials and field trips.

P: Any 15 points at 100 level from ANTH, HIST, or SOCI, or any 60 points at 100 level from the Schedule V of the BA.

R: HIST288, SOCI238

EQ: HIST288

ANTH250 Travel, Tourism and Pilgrimage

15 Points 0.1250 EFTS

Not offered in 2022

The course introduces students to Sociological and Anthropological approaches to travel and tourism. Through the study of topics such as travel literature, indigenous tourism, tourism and development, sex tourism and 'dark' tourism, it examines the way in which notions of the cultural 'self' and cultural 'others' have been both forged and sustained within various sorts of tourist encounter.

P: Any 15 points at 100 level from ANTH or SOCI or any 60 points at 100 level from the Schedule V of the BA.

R: ANTH350, SOCI275, SOCI375

EQ: SOCI275

ANTH298 Religion and Society: Why God Won't Die

15 Points 0.1250 EFTS

This course is an introduction to the Sociology & Anthropology of religion focused on thinking and rethinking religion, culture & society. Central to the discussion is why god and religion has not disappeared as was predicted in much modern social theory. In considering this question, the course provides a critical discussion of the ways religion, god and religious practices have been thought, dismissed and applied over the past 150 years within the Sociology & Anthropology of Religion.

P: Any 15 points at 100 level from ANTH or SOCI, or any 60 points at 100 level from the Schedule V of the BA.

R: SOCI278, SOCI292, SOCI392 in 2012

EQ: SOCI278

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

ANTH298-22S2 (C) Semester 2

ANTH301 Doing Ethnography: Concepts and Practices

30 Points 0.2500 EFTS

This course explores the double meaning of ethnography in socio-cultural anthropology as the product of research and writing and as the process of fieldwork.

P: Any 30 points at 200 level from ANTH or SOCI, or any 60 points at 200 level from the Schedule V of the BA.

R: SOCI353

EQ: SOCI353

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

ANTH301-22S2 (C) Semester 2

ANTH302 Politics, Power and Capitalism

30 Points 0.2500 EFTS

Not offered in 2022

This course poses fundamental questions about the domain of "the political" in relation to interest, influence, and power. It applies these concerns to the dominant social, political, and economic system of our times - capitalism. Concerned with its historical and geographical spread, its ideological manifestations, its crises, and its oppositional movements, it introduces students to critical ethnographies that explore issues of wealth and inequality, protest and control, and the role of military, technological, and economic power in contemporary societies.

P: Any 30 points at 200 level from ANTH or SOCI, or any 60 points at 200 level from the Schedule V of the BA.

R: ANTH202

ANTH307 Visual Anthropology

30 Points 0.2500 EFTS

Not offered in 2022

This course is about visual representations of culture and cultural difference. It looks at a wide variety of visual media, including art, photography, film, video, and digital technologies, to explore the ways in which these shape both the perception, and the experience, of cultural difference.

P: Any 30 points at 200 level from ANTH or SOCI, or any 60 points at 200 level from the Schedule V of the BA.

R: ANTH207

ANTH308 Food and Eating

30 Points 0.2500 EFTS

Not offered in 2022

This course explores the food chain, from production, through consumption, to exchange and considers the ways in which food is implicated in the reproduction of and resistance to, inequalities of class, gender, ethnicity and nationalism.

P: Any 30 points at 200 level from ANTH or SOCI, or any 60 points at 200 level from the Schedule V of the BA.

R: GEND224, GEND324, ANTH208, SOCI262, SOCI362

EQ: SOCI362

ANTH311 Mental Health and Society

30 Points 0.2500 EFTS

Not offered in 2022

This course will engage with debates and issues associated with mental health, mental illness and addictions. It will consider: differing approaches to 'madness'; critiques of the war on drugs; debates around psychotropic medications; Māori and indigenous perspectives on mental health; policy debates relating to mental health and addictions; global differences in the expression of mental distress; mental health consumers movements; and social and cultural determinants of mental health.

P: Any 30 points at 200 level from ANTH or SOCI, or any 60 points at 200 level from the Schedule V of the BA.

R: SOCI347; SOCI311

EQ: SOCI311

ANTH312 Kinship and Family in Comparative Perspective

30 Points 0.2500 EFTS

This course focuses on the importance and nature of family and kinship in the construction and maintenance of social relations by individuals as well as groups, in a variety of ethnographic contexts.

P: Any 30 points at 200 level from ANTH or SOCI, or any 60 points at 200 level from the Schedule V of the BA.

R: ANTH212, GEND218, GEND318, SOCI212, SOCI312

EQ: SOCI312

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

ANTH312-22S1 (C) Semester 1

ANTH313 Environment, Development and Disaster

30 Points 0.2500 EFTS

Not offered in 2022

This course is concerned with the social and ecological impacts of human activity in the context of a global fossil fuel civilization. Investigating problems of climate change, natural disaster, declining biodiversity, and environmental degradation, it provides an anthropologically informed perspective on crucial issues at the intersection of ecology, sustainable development, and social activism.

P: Any 30 points at 200 level from ANTH, GEOG, or SOCI, or any 60 points at 200 level from the Schedule V of the BA.

R: ANTH213

EQ: ANTH213

ANTH318 Special Topic: Parenting and alloparenting around the world: extended family care, fosterage, adoption, surrogacy and gamete donation

30 Points 0.2500 EFTS

This course will focus on the various forms of parenting support from intermittent childcare to changes in primary caregiver. This includes parental helpers of various types: extended family caregivers, foster carers, and adoptive parents. This content will be explored from a culturally comparative framework, both from history and to the present. Diverse geographical and cultural perspectives from regions such as Africa, Asia, the Arctic, North America, the U.K, Aotearoa New Zealand (both Māori and settler worldviews), and Samoa will be included. This exploration will extend to new assistive technologies, such as surrogacy and gamete donation.

P: Any 30 points at 200 level from ANTH or SOCI, or any 60 points at 200 level from the Schedule V of the BA.

R: ANTH418

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

ANTH318-22S1 (C) Semester 1

ANTH350 Travel, Tourism and Pilgrimage

30 Points 0.2500 EFTS

Not offered in 2022

The course introduces students to Sociological and Anthropological approaches to travel and tourism. Through the study of topics such as travel literature, indigenous tourism, tourism and development, sex tourism and 'dark' tourism, it examines the way in which notions of the cultural 'self' and cultural 'others' have been both forged and sustained within various sorts of tourist encounter.

P: Any 30 points at 200 level from ANTH or SOCI, or any 60 points at 200 level from the Schedule V of the BA.

R: ANTH250, SOCI275, SOCI375

EQ: SOCI375

ANTH388 Exploring Heritage: Politics, Power and Practice

30 Points 0.2500 EFTS

This course provides students with a hands-on introduction to the study of heritage. We explore ways we might understand and interpret contemporary heritage practices in a range of contexts, including post-earthquake Christchurch.

P: Any 30 points at 200 level from ANTH or SOCI, or any 60 points at 200 level from the Schedule V of the BA.

R: SOCI388

EQ: HIST372

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

ANTH388-22S1 (A) Semester 1**Postgraduate**

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

ANTH401 Research Methodology and Ethical Controversies in Anthropology

30 Points 0.2500 EFTS

This course is designed to provide students with an introduction to anthropological research and its various fieldwork methods, and to enable students to put these into practice. Each student, assisted by a supervisor, is required to select a research problem or topic, carry out required background reading, formulate appropriate research questions, choose or design methods appropriate to obtaining the data required to answer the questions, write a research proposal and an ethics proposal, carry out the research, present a progress report, and finally to analyse the material collected and write a final report detailing the research process and the results obtained, making reference to appropriate anthropological literature. This course is compulsory for students wanting to enrol in the Anthropology Honours programme. The course also provides preparation for entry into the M.A. (Anthropology) programme, for students wishing to progress to Masters by research thesis after completing the Honours degree.

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

ANTH401-22S2 (C) Semester 2**ANTH402 Issues and Debates in Contemporary Anthropology**

30 Points 0.2500 EFTS

This course addresses selected, current issues and debates of a theoretical, methodological and interpretative nature. This course is compulsory for students wanting to enrol in the Anthropology Honours programme.

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

ANTH402-22S1 (C) Semester 1**ANTH410 Multispecies Studies**

30 Points 0.2500 EFTS

Not offered in 2022

This course introduces a new subfield of anthropology concerned with the interconnectedness of humans and other life forms. Recognizing that the human condition cannot be understood in isolation, it considers the meaningful agency of nonhuman others and their entanglement with human lives, landscapes and technologies. The course introduces students to cutting-edge studies of mammalian interspecies intimacies, to intersections with insects, fish, fungi, and microbes, to issues of extinction and invasion, and to the implications of other species for human bodies, economies, foods and technologies.

P: Subject to approval of the Head of Department.

R: CULT421, SOCI410

EQ: CULT421

ANTH418 Special Topic: Parenting and alloparenting around the world: extended family care, fosterage, adoption, surrogacy and gamete donation

30 Points 0.2500 EFTS

This course will focus on the various forms of parenting support from intermittent childcare to changes in primary caregiver. This includes parental helpers of various types: extended family caregivers, foster carers, and adoptive parents. This content will be explored from a culturally comparative framework, both from history and to the present. Diverse geographical and cultural perspectives from regions such as Africa, Asia, the Arctic, North America, the U.K, Aotearoa New Zealand (both Māori and settler worldviews), and Samoa will be included. This exploration will extend to new assistive technologies, such as surrogacy and gamete donation.

P: Subject to approval by the Head of Department

R: ANTH318

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

ANTH418-22S1 (C) Semester 1**ANTH650 MA Dissertation**

60 Points 0.5000 EFTS

MA Dissertation

P: Subject to approval of the Head of Department.

Domestic Fee: \$3,610 (2021)

International Fee: \$16,500 (2021)

ANTH650-22S1 (C) Semester 1**ANTH650-22S2 (C) Semester 2**

Part-time enrolment (0.65 EFTS) is available on approval.

ANTH690 MA Thesis

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$7,220 (2021)

International Fee: \$33,000 (2021)

ANTH690-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval.

ANTH790 Anthropology PhD

120 Points 1.0000 EFTS

P: Subject to approval of the Anthropology Programme Director.

Domestic Fee: \$7,220 (2021)

International Fee: \$33,000 (2021)

ANTH790-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.

Applied Psychology*Department of Psychology*

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

APSY601 Employee Recruitment, Selection and Induction

30 Points 0.2500 EFTS

Not offered in 2022

The focus is on research and measurement problems as well as practical work and applications within the field of job analysis, and employee recruitment, selection and induction.

P: Subject to approval of the Head of Department.

Limited entry. See limitation of entry regulations.

APSY607 Special Topic

30 Points 0.2500 EFTS

Not offered in 2022

Direct enquiries to MSc in Applied Psychology Coordinator(s)

P: Subject to approval of the Head of Department.

Limited entry. See limitation of entry regulations.

APSY612 Performance Management and Appraisal

15 Points 0.1250 EFTS

This course will focus on the theory and application of performance management research.

Considerable attention will be given to the development of performance management systems in organisations. Topics such as criterion theory and development, performance appraisal methods, feedback, job evaluation and reward systems will be discussed.

P: Entry is subject to approval of the Head of Department

Domestic Fee: \$1,051 (2021)

International Fee: \$5,000 (2021)

APSY612-22S2 (C) Semester 2

Limited entry. See limitation of entry regulations.

APSY613 Special Topic

15 Points 0.1250 EFTS

Direct enquiries in MSc in Applied Psychology Coordinator(s)

P: Entry subject to approval of the Head of Department

Domestic Fee: \$1,051 (2021)

International Fee: \$5,000 (2021)

APSY613-22S1 (C) Semester 1

Limited entry. See limitation of entry regulations.

Architectural Engineering

APSY614 Leadership and Motivation in Organisations

15 Points 0.1250 EFTS

The aim of this course is to familiarise students with the domain and scope of practice of leadership and motivation in organisations. Classic and contemporary theories and research are outlined and discussed, highlighting their contributions and limitations in occupational settings. The leadership topics covered span trait and behavioural theories, values-based leadership frameworks, and their implications to organisational dynamics and success. Motivation topics include needs- and process-based theories, and how insights from each of these theories contribute to increasing and sustaining motivation at work.

P: Subject to approval of the Head of Department
Domestic Fee: \$1,051 (2021)
International Fee: \$5,000 (2021)

APSY614-22S1 (C) Semester 1

Limited entry. See limitation of entry regulations.

APSY615 Organisational Development

15 Points 0.1250 EFTS

Not offered in 2022

This course focuses on a number of work related attitudes (e.g., organisational commitment, group cohesion, job satisfaction etc), theories that attempt to explain how these attitudes are related to organisational problems, the instruments that have been developed for their measurement, and how organisational development can change organisational attitudes and deal with problems. Organisational problems such as absenteeism, turnover, and safety, are a particular focus.

P: Subject to approval of the Head of Department
Limited entry. See limitation of entry regulations.

APSY617 Industrial and Organisational Psychology Measurement Issues

15 Points 0.1250 EFTS

The objective of this course is to introduce and expand on measurement issues relevant within the field of Industrial and Organisational Psychology. Particular emphasis is placed on scale development, reliability analysis, validity assessment techniques, common method variance issues, measurement bias issues, design issues, classical test theory. Critical thinking, relation of theory to practice, as well as reflection, both oral and written, will be strongly emphasized.

P: Subject to approval of the Head of Department
Domestic Fee: \$1,051 (2021)
International Fee: \$5,000 (2021)

APSY617-22S2 (C) Semester 2

Limited entry. See limitation of entry regulations.

APSY618 Organisational Change: Directions for I/O Psychology Practice

15 Points 0.1250 EFTS

The first course objective is to familiarise the students with frameworks and research (e.g., leadership, motivation, training, and individual differences) that inform organisational change planning and implementation. The second course objective is to provide students with the knowledge and competencies to: a) critically analyse organisational change practices, b) identify challenges faced by change leaders and employees, and c) facilitate organisational change implementation as I/O practitioners. Topics covered include psychological mechanisms of change resistance and readiness, change leadership, and training for changing organisations.

P: Subject to approval of the Head of Department
Domestic Fee: \$1,051 (2021)
International Fee: \$5,000 (2021)

APSY618-22S1 (D) Semester 1

Limited entry. See limitation of entry regulations.

APSY619 Psychology of Stress, Health, and Wellbeing at Work

15 Points 0.1250 EFTS

This course focuses on stress, health, and wellbeing at work. The course will provide an overview of recent research on how to create psychologically healthy workplaces. It provides students with a framework for analysing how stress, health, and wellbeing at work impact on individuals and organisations. The course also focuses on how I/O psychology can contribute to solving problems related to stress, health, and wellbeing at work. Critical thinking, relating theory to practice, and relating new concepts to old theories, as well as critical reflection and discussion, both oral and written, will be strongly emphasised.

P: Subject to approval of the Head of Department
Domestic Fee: \$1,051 (2021)
International Fee: \$5,000 (2021)

APSY619-22S1 (C) Semester 1

Limited entry. See limitation of entry regulations.

APSY620 Special Topic

15 Points 0.1250 EFTS

Special Topic

P: Subject to approval of the Head of Department.
Domestic Fee: \$1,051 (2021)
International Fee: \$5,000 (2021)

APSY620-22S2 (C) Semester 2

Limited entry. See limitation of entry regulations.

APSY621 Special Topic

15 Points 0.1250 EFTS

Special Topic

P: Subject to approval of the Head of Department
Domestic Fee: \$1,051 (2021)
International Fee: \$5,000 (2021)

APSY621-22S2 (C) Semester 2

Limited entry. See limitation of entry regulations.

APSY660 Dissertation

90 Points 0.7500 EFTS

A supervised research dissertation. Candidates enrolled for APSY660 Dissertation must present a dissertation to the Postgraduate Office no later than 1 February of the year following enrolment in the course.

P: Subject to the approval of the Head of Department.
Domestic Fee: \$5,925 (2021)
International Fee: \$30,000 (2021)

APSY660-22A (C) Starts Anytime

Limited entry. See limitation of entry regulations.

APSY790 Applied Psychology PhD

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department
Domestic Fee: \$7,900 (2021)
International Fee: \$40,000 (2021)

APSY790-22A (C) Starts Anytime

*Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Architectural Engineering

Te Tari Pūhanga Metarahi, Rawa Taiao | Department of Civil and Natural Resources Engineering

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

ENAE601 Whole Building Behaviour and Performance

15 Points 0.1250 EFTS

Building performance and its relationship to design, construction, occupant behaviour and the environment. Building performance regulations and the regulatory environment. Failure, success and value of building projects. Building performance assessment. Roles and responsibilities and liabilities. Collaboration and communication with project stakeholders.

P: Subject to approval of the Head of Department
Domestic Fee: \$1,133 (2021)
International Fee: \$5,625 (2021)

ENAE601-22X1 (C)

ENAE601-22X2 (C)

ENAE602 Collaborative Building Design Studio

15 Points 0.1250 EFTS

Collaborative design of buildings and the use of digital tools. Creativity, communication and coordination in multidisciplinary design teams. Building information modelling strategies. Holistic approaches to building design.

P: Subject to approval of the Head of Department.
Domestic Fee: \$1,133 (2021)
International Fee: \$5,625 (2021)

ENAE602-22X1 (C)

ENAE602-22X2 (C)

ENAE603 Structural Design Practice

15 Points 0.1250 EFTS

Application of structural engineering principles and methods to the professional practice of structural design. Initiating and managing structural design projects. Concept, preliminary and developed structural design. Detailing and design for construction. Design for safety and sustainability.

P: Subject to approval of the Head of Department
Domestic Fee: \$1,133 (2021)
International Fee: \$5,625 (2021)

ENAE603-22X2 (C)

ENAE604 Structural Assessment and Retrofit

15 Points 0.1250 EFTS

Structural damage and deterioration forensics. Seismic assessment procedures. Strengthening and structural retrofit design strategies and practice. Case studies of damaged and undamaged residential, commercial and industrial buildings.

P: Subject to approval of the Head of Department

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENAE604-22X2 (C)**ENAE605 Sustainable Building Design Practice**

15 Points 0.1250 EFTS

Sustainable building design philosophy, strategies and practice. Materials, water, airflow and energy in buildings. High-performance, low energy buildings. Building performance simulation. Coordination and integration with other building design disciplines.

P: Subject to approval of the Head of Department

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENAE605-22X1 (C)**ENAE605-22X2 (C)****ENAE606 Building Modelling and Integrated Design**

15 Points 0.1250 EFTS

Digital methods for modelling, designing, simulating and visualising buildings. Application of digital methods for developing integrated solutions to complex building design and construction challenges.

P: Subject to approval of the Head of Department

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENAE606-22X1 (C)**ENAE606-22X2 (C)****ENAE607 Building Energy Systems Design Practice**

15 Points 0.1250 EFTS

Building energy design philosophy, strategies and practice. Energy loads and energy supply systems. Energy audits, modelling and performance assessment. Design of energy efficient building retrofits. Coordination and integration with other building design disciplines.

P: Subject to approval of the Head of Department

ENAE608 HVAC and Lighting Design Practice

15 Points 0.1250 EFTS

Not offered in 2022

Building environment design philosophy, strategies and practice. Selection and performance characteristics of lighting and HVAC systems. Indoor climate assessment, modelling and performance assessment. Coordination and integration with other building design disciplines.

P: Subject to approval of the Head of Department

ENAE609 Building Envelope Design and Engineering

15 Points 0.1250 EFTS

Building envelope design philosophy, strategies and practice. Heat, light and airflow through envelopes. Form, function, performance and value of facades. High-performance envelopes for resilient and sustainable buildings.

P: Subject to approval of the Head of Department

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENAE609-22X2 (C)**ENAE610 Building Sustainability Assessment**

15 Points 0.1250 EFTS

Building sustainability performance metrics. Modelling, measurement and survey methods for sustainability assessment and rating of buildings. Design, management and operational strategies for improving building sustainability.

P: Subject to approval of the Head of Department

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENAE610-22X2 (C)**ENAE611 Human Factors in Building Design**

15 Points 0.1250 EFTS

Not offered in 2022

Health, safety, access, productivity and well-being in building design. Modelling and assessing occupant behaviour. Designing buildings for human function and experience.

P: Subject to approval of the Head of Department

ENAE612 Advanced Building Environmental Control

15 Points 0.1250 EFTS

Not offered in 2022

Airflow and microclimates in and around buildings. Advanced airflow and building energy modelling methods. CFD for buildings. Passive and hybrid heating, cooling and ventilation systems. System commissioning.

P: Subject to approval of the Head of Department

ENAE620 Integrated Building Design Project

15 Points 0.1250 EFTS

Research for innovative building designs. Case studies of integrated building design solutions. Individual and team research and design projects.

P: Subject to approval of the Head of Department

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENAE620-22X2 (C)

Art Curatorship

Te Kura Kete Aronui | School of Humanities and Creative Arts

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

ARTC401 Practicum

30 Points 0.2500 EFTS

This course provides students with practical experience of working for a museum, gallery, library or archive-related institution, under the supervision of a staff member there.

P: Subject to approval of the Head of Department.

Domestic Fee: \$2,033 (2021)

International Fee: \$9,375 (2021)

ARTC401-22A (C) Starts Anytime**ARTC401-22S1 (C) Semester 1****ARTC401-22S2 (C) Semester 2****ARTC402 Never Neutral: Museums in Context**

30 Points 0.2500 EFTS

A critical exploration of the history and theory of museums, examining some of the political and social contexts that determine their development, and the meanings and narratives constructed through practices of collecting and display.

P: Subject to approval of the Head of Department.

R: ARTH417, CULT406

EQ: ARTH417

Domestic Fee: \$2,033 (2021)

International Fee: \$9,375 (2021)

ARTC402-22S2 (C) Semester 2**ARTC404 Special Project**

30 Points 0.2500 EFTS

The Special Project allows students to explore a topic associated with curatorial studies in depth, while working under the supervision of a member of academic staff.

P: Subject to approval of the Head of Department.

Domestic Fee: \$2,033 (2021)

International Fee: \$9,375 (2021)

ARTC404-22A (C) Starts Anytime**ARTC404-22S1 (C) Semester 1****ARTC404-22S2 (C) Semester 2**

Art History and Theory

*Te Kura Kete Aronui | School of Humanities and Creative Arts***ARTH103 'Picasso who?' Introducing Modern Art**

15 Points 0.1250 EFTS

What makes modern art modern? This course covers all you've always wanted to know about modern art and never dared asking. This course offers a general introduction to modern art from 1850 to 1945. It examines key art movements from Impressionism to Surrealism in their cultural and social contexts while introducing you to art historical methodologies and key art theories.

Domestic Fee: \$785 (2021)

International Fee: \$3,500 (2021)

ARTH103-21SU2 (D) Summer (Nov 21)**ARTH103-22S2 (D) Semester 2****ARTH103-22S2 (C) Semester 2**

ARTH104 Māori Art: Taonga Tuku Iho
15 Points 0.1250 EFTS

Not offered in 2022
Taonga Tuku Iho (Treasures handed down from the ancestors) is an introductory survey of traditional Māori art forms within their social, historical and cultural contexts.

ARTH111 Contextualising Art: An Introduction to Art Theory
15 Points 0.1250 EFTS

Not offered in 2022
A study of theories of art through central texts, from the 18th century to the present day.
R: ARTT101

ARTH112 Art and Things: introduction to Art History and Material Culture
15 Points 0.1250 EFTS

This is an integrated introduction to Art History and Material Culture, providing you with an up-to-date, varied and critical 'toolkit' for thinking about art, architecture and objects. The discipline of Art History has a history of its own, and as you will see, this distorts what we understand about art and about 'things'.

Domestic Fee: \$799 (2021)
International Fee: \$3,600 (2021)
ARTH112-22S1 (C) Semester 1

ARTH202 Art and Revolution
15 Points 0.1250 EFTS

This course explores the relationship between art and a particularly eventful and transformative period in European history, from c.1750 to c.1850.

P: Any 15 points at 100 level from ARTH, or 60 points at 100 level from the Schedule V of the BA.
Domestic Fee: \$799 (2021)
International Fee: \$3,600 (2021)
ARTH202-22S2 (C) Semester 2

ARTH210 Japanese Art
15 Points 0.1250 EFTS

This course presents an introduction to the arts of Japan, with a particular focus on the art of the fifteenth and sixteenth centuries.

P: Any 15 points at 100 level from ARTH, or 60 points at 100 level from the Schedule V of the BA.
Domestic Fee: \$799 (2021)
International Fee: \$3,600 (2021)
ARTH210-22S1 (C) Semester 1

ARTH211 Theory of Criticism
15 Points 0.1250 EFTS

Not offered in 2022
This course examines the history, theory and practice of writing about visual art.

P: Any 15 points at 100 level from ARTH, or 60 points at 100 level from the Schedule V of the BA.
R: ARTT202

ARTH215 International Contemporary Art
15 Points 0.1250 EFTS

This course provides an introduction to international contemporary art, focusing on developments in Europe, the USA and New Zealand since 1945. After looking at mid-twentieth-century tendencies such as Minimalism, Conceptual Art and Land Art, the course turns to consider some of the broader trajectories of contemporary art practice and criticism in the late twentieth and early twenty-first centuries.

P: Any 15 points at 100 level from ARTH, or 60 points at 100 level from the Schedule V of the BA.
R: ARTT102, ARTH109
Domestic Fee: \$799 (2021)
International Fee: \$3,600 (2021)
ARTH215-22S2 (C) Semester 2

ARTH216 Greek Art: The Power of Images in Archaic and Classical Greece
15 Points 0.1250 EFTS

Not offered in 2022
We focus on the brilliant achievements of the Greeks in architecture, figurative painting, sculpture and other media that have been influential for centuries. We see what these meant in their broader cultural context, including Greek myth and history, as well as Greek interaction with cultures of Egypt and the Middle East. Students in this course have a chance to work directly with the splendid artefacts from the James Logie Memorial Collection (including Greek vases) now housed in the Tecece Museum.

P: Any 15 points at 100 level from ARTH or CLAS, or 60 points at 100 level from the Schedule V of the BA.
R: CLAS206, CLAS336
EQ: CLAS206

ARTH217 Kiwi Icons: Introduction to Art in Aotearoa New Zealand
15 Points 0.1250 EFTS

Not offered in 2022
In this course, art in Aotearoa New Zealand is explored through looking at a range of works deriving from Māori, Pākehā, and Pacific traditions. These works include paintings, carvings and buildings, and they have been selected for their rich entanglements with debates around art, culture, and society. This course explores the works in relation to their broad contexts, both in Aotearoa New Zealand and overseas.

P: Any 15 points at 100 level from ARTH, or 60 points at 100 level from the Schedule V of the BA.
R: ARTH110

ARTH218 Images in circulation: Print, photography, and pixels
15 Points 0.1250 EFTS

This course focuses on how images communicate, and examines the contexts, exchanges, and transformations that shape their meanings. While visual sources are a ubiquitous part of the information economy, their specific properties enable them to work on audiences in ways that differ from written and spoken accounts. The course explores a range of approaches for thinking about images, what they can and can't do, and the spaces in which they circulate, being made and remade in the process. In particular, this course is concerned with the entanglements of media and meaning, and the how the changing technologies of image-making engender shifting conceptualisations of how visual sources and reality relate.

P: 15 pts ARTH at 100-level, or 60 points at 100-level.
RP: ARTH112; ARTH103; ARTH111
Domestic Fee: \$799 (2021)
International Fee: \$3,600 (2021)
ARTH218-22S1 (C) Semester 1

ARTH304 He Kōrero Toi Whiriwhiria: Indigenous Art
30 Points 0.2500 EFTS

Not offered in 2022
An exploration of Indigenous art, including Māori, relating to practice and theory within such institutions as marae, art galleries, museums, and classrooms.

P: Any 30 points at 200 level from ARTH, or any 60 points at 200 level from the Schedule V of the BA or from the BFA.

ARTH325 Aesthetic Theory
30 Points 0.2500 EFTS

Not offered in 2022
This course examines some of the principal problems in the study of aesthetics, and their relevance to contemporary art and theory.

P: Any 30 points at 200 level from ARTH, or any 60 points at 200 level from the Schedule V of the BA or from the BFA.

ARTH328 Art of the Floating World
30 Points 0.2500 EFTS

Not offered in 2022
This course studies ukiyo-e, Art of the Floating World, which was produced in Japan from the seventeenth century to the nineteenth century.

P: Any 30 points at 200 level from ARTH, or any 60 points at 200 level from the Schedule V of the BA or from the BFA.

ARTH329 In search of Nowhere: the international Arts and Crafts Movement
30 Points 0.2500 EFTS

A detailed introduction to the Arts and Crafts Movement, one of the most interdisciplinary, international, and influential artistic phenomena in history.

P: Any 30 points at 200 level from ARTH, or any 60 points at 200 level from the Schedule V of the BA or from the BFA.
Domestic Fee: \$1,597 (2021)
International Fee: \$7,200 (2021)
ARTH329-22S2 (C) Semester 2

ARTH330 Medium and Materiality in Contemporary Art
30 Points 0.2500 EFTS

This course will examine medium and materiality across a range of contemporary art practices, focusing in particular on the shift from modernist notions of medium purity to the radical fracturing and opening up of medium that has taken place since the 1970s.

P: Any 30 points at 200 level from ARTH, or any 60 points at 200 level from the Schedule V of the BA or from the BFA.
RP: ARTH215 International Contemporary Art
Domestic Fee: \$1,597 (2021)
International Fee: \$7,200 (2021)
ARTH330-22S1 (C) Semester 1

ARTH331 Revival to Rebuild: the History of Architecture in Christchurch
30 Points 0.2500 EFTS**Not offered in 2022**

An exploration of Christchurch architecture and urbanism from European settlement to the present day. This course explores the rich diversity of Christchurch architecture that once defined the city's urban character, the impact of the earthquakes on that character, and examines recent influences to reshape and determine the city and its architecture since 2010.

P: Any 30 points at 200 level from ARTH, or any 60 points at 200 level from the Schedule V of the BA or from the BFA.

PACE395 Internship
30 Points 0.2500 EFTS

What can you do with your major? With your degree? The purpose of the internship course is to explore both the ideological and practical assumptions guiding this question. The course is designed to be a critical, theoretical and "real-world" examination of the practices and ideologies inherent in both community and business organisations. You will apply the analytical skills acquired through your major, and through class seminars and readings, to a project designed by a local company or community group. Please check out the website for further information and specific project descriptions: www.arts.canterbury.ac.nz/internships

P: 150 points, special application and interview, and permission of the Internship Director.

R: ARTS395

EQ: ARTS395

Domestic Fee: \$1,570 (2021)

International Fee: \$7,000 (2021)

PACE395-21SU2 (C) Summer (Nov 21)**PACE395-22A (C) Starts Anytime****PACE395-22S1 (C) Semester 1****PACE395-22S2 (C) Semester 2**

Limited entry. See limitation of entry regulations. A student will be selected for a specific project. Only students accepted for projects will be allowed into the course. Please go to <http://www.arts.canterbury.ac.nz/internships> for more information.

Postgraduate

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

ARTH424 Art and the Environment
30 Points 0.2500 EFTS

ARTH 424 Art and Environment will examine some of the diverse entanglements of artistic practices and the environment, and will address these intersections in a variety of contexts: aesthetic, historical, social and political. Taught as a series of seminars over twelve weeks, the course will traverse a range of topics that draw on research expertise within the Department of Art History and Theory. Topics include: visualising landscapes; the aesthetic experience of nature, gardens and other human-altered landscapes; colonialism and eco-violence; geology and deep time; the anthropocene and post-humanism; urbanism and art; art and environmental activism; environmental disaster and art. Students will consider these topics within art historical frameworks but will also be introduced to the necessarily interdisciplinary nature of the field.

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

ARTH424-22S1 (C) Semester 1

Art History

Te Kura Kete Aronui | School of Humanities and Creative Arts

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

ARTH417 Never Neutral: Museums in Context
30 Points 0.2500 EFTS

A critical exploration of the history and theory of museums, examining some of the political and social contexts that determine their development, and the meanings and narratives constructed through practices of collecting and display.

P: Subject to approval of the Head of Department.

R: CULT406 and ARTC402

EQ: ARTC402

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

ARTH417-22S2 (C) Semester 2**ARTH418 Aspects of Contemporary Art**
30 Points 0.2500 EFTS**Not offered in 2022**

This course looks at recent tendencies in contemporary art practice, as well as looking at key critical and theoretical texts relating to current art practice.

P: Subject to approval of the Head of Department.

R: ARTC403, ARTT425

EQ: ARTT425

ARTH422 Talking Art: Issues in Aesthetics
30 Points 0.2500 EFTS**Not offered in 2022**

This course covers a wide range of conceptual problems raised by art - from poetry to painting to cinema to music. It utilises perspectives from a range of disciplines.

P: Subject to approval of the Head of Department.

R: PHIL445

ARTH423 Independent Course of Study
30 Points 0.2500 EFTS

P: Subject to approval of the Head of Department

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

ARTH423-22S2 (C) Semester 2**ARTH480 Research Paper**
30 Points 0.2500 EFTS

This course requires students to work on a supervised research project leading to the presentation of a long essay of approximately 10,000 words.

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

ARTH480-22S1 (C) Semester 1**ARTH480-22S2 (C) Semester 2****ARTH650 MA Dissertation**
60 Points 0.5000 EFTS

MA Dissertation

P: Subject to approval of the Head of Department.

Domestic Fee: \$3,610 (2021)

International Fee: \$16,500 (2021)

ARTH650-22A (C) Starts Anytime**ARTH650-22S1 (C) Semester 1****ARTH650-22S2 (C) Semester 2****ARTH690 MA Thesis**
120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$7,220 (2021)

International Fee: \$33,000 (2021)

ARTH690-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval.

ARTH790 Art History PhD
120 Points 1.0000 EFTS

P: Subject to approval of the Programme Convenor.

Domestic Fee: \$7,220 (2021)

International Fee: \$33,000 (2021)

ARTH790-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.

Art Theory

Te Kura Kete Aronui | School of Humanities and Creative Arts

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

ARTT415 Art Theory
30 Points 0.2500 EFTS**Not offered in 2022**

P: Subject to approval of the Programme Convenor.

R: PACS414

EQ: PACS414

ARTT425 Aspects of Contemporary Art
30 Points 0.2500 EFTS**Not offered in 2022**

This course looks at recent tendencies in contemporary art practice, as well as looking at key critical and theoretical texts relating to current art practice.

P: Subject to approval of the Programme Convenor

R: ARTC403; ARTH418

EQ: ARTH418

ARTT690 MA Thesis

120 Points 1.0000 EFTS

P: Subject to approval of the Programme Convenor.

Domestic Fee: \$7,220 (2021)

International Fee: \$33,000 (2021)

ARTT690-22A (C) Starts Anytime*Part-time enrolment (0.65 EFTS) is available on approval.***ARTT790 Art Theory PhD**

120 Points 1.0000 EFTS

P: Subject to approval of the Programme Convenor.

Domestic Fee: \$7,220 (2021)

International Fee: \$33,000 (2021)

ARTT790-22A (C) Starts Anytime*Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.***Arts***Te Rāngai Toi Tangata | Faculty of Arts***ARTS102 Problems, questions, evidence**

15 Points 0.1250 EFTS

To answer many of the world's most challenging questions e.g. those related to healthcare, social justice, poverty, climate change, and how we deal with global pandemics we need to understand evidence. This can come in various forms text, images, numbers. Evidence can be a driver for major decision making, help us to gain insight and form connections between issues, and reveal patterns and trends that would otherwise be hidden from us. How do we confidently assess evidence like this? Our decision-making is very often based on the numbers that shape the world we live in. In this course we will explore how to think quantitatively and qualitatively about the evidence behind the world's 'wicked problems', and our ideals now and in the past. Subjects touched on will include public health crises, gender and ethnicity biases in the media, the representation of minority groups in the criminal justice system, and symmetry and patterns in art, literature, and other forms of human expression. The skills you will learn--of evaluating the evidence behind big issues and ideals of the day, and being able to communicate those issues to others--will be of value no matter what your course of study or future walk of life.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

ARTS102-22S1 (D) Semester 1**ARTS102-22S1 (C) Semester 1****ARTS102-22S2 (D) Semester 2****ARTS102-22S2 (C) Semester 2****ARTS115 Islam and Islamic Societies**

15 Points 0.1250 EFTS

This course is an introduction to Islam, highlighting its principles, rituals and various manifestations in today's world. Offering a multi-disciplinary and global perspective, it aims to familiarize students with contemporary debates on various issues including political Islam, the role of Sharia, gender and Islam, Jihad and terrorism, Islamophobia and Islamic civil society. The course covers a wide range of countries including New Zealand.

R: POLS203

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

ARTS115-22SU1 (C) Summer (Jan 22)**ARTS115-22SU1 (D) Summer (Jan 22)****Postgraduate**

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

ARTS401 Arts Research and Scholarship: Introduction to Theories and Methods

30 Points 0.2500 EFTS

This course will prepare students to carry out original research by an exploration of methods and epistemologies of research across Arts disciplines, including Kaupapa Ma'ori approaches. It will provide students with a broad suite of essential postgraduate research skills, with a particular emphasis on research methods common to the humanities and social sciences. It will have a strongly practical focus.

P: Permission of the Head of Department.

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

ARTS401-22S1 (C) Semester 1**Astronomy***Te Kura Matū | School of Physical and Chemical Sciences***ASTR109 The Cosmos: Birth and Evolution**

15 Points 0.1250 EFTS

In this "astronomy for poets" course, we take a grand tour of the universe! We will explore how our societies connect to our place in the cosmos, build your own personal awareness of how the Earth and sky relate, and gain an understanding of astronomy, astrophysics and planetary science, beginning with our Solar System and expanding outward to visit exotic stars, remote planets, and distant galaxies. During the journey we will learn about the ways we build this understanding, from voyaging Te Moana-nui-a-Kiwa | the Pacific to mapping the structure and origin of the Universe itself. Suitable for inclusion in any course of study.

R: (1) PHYS109. (2) Students who have been credited with ASTR112 cannot subsequently be credited with ASTR109.

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

ASTR109-22S1 (C) Semester 1**ASTR109-22S1 (D) Semester 1****ASTR112 Astrophysics**

15 Points 0.1250 EFTS

A cutting-edge introduction to modern astrophysics for those potentially interested in further study, building your expertise in how to apply the tools of physics and mathematics to astronomical situations. We start by explaining how stars shine, and follow their evolution from birth to violent death. We explore the physics of our planetary system and strange new worlds around other stars. We then move out into the cosmos, viewing our own Galaxy across the electromagnetic spectrum: revealing the evidence for dark matter and supermassive black holes. Finally, we use our telescopes as time machines to look out and back in the Universe, studying other galaxy systems, and the origin and fate of the whole Universe. This course requires some mathematical skills; please contact the course organiser for details.

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

ASTR112-22S1 (C) Semester 1**ASTR112-22S1 (D) Semester 1****ASTR211 Observational Astronomy**

15 Points 0.1250 EFTS

A very hands-on course, with the participation of students in tutorials and all of the assessment by way of practical assignments. The syllabus will include: telescopes, CCDs, filters, general image processing methods, astrometry, coordinate systems, time photometry and spectroscopy. Students will also be exposed to astronomy research, including a field trip to the University of Canterbury Mt. John Observatory where students are expected to carry out their own projects.

P: (1) ASTR112; and (2) COSC131 or COSC121.

R: ASTR231

RP: PHYS285

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

ASTR211-22S2 (C) Semester 2*Offered in odd-numbered years.***ASTR212 Dynamical Astronomy and the Solar System**

15 Points 0.1250 EFTS

Not offered in 2022

Orbital dynamics, the solar system and planetary exploration.

P: 30 points from ASTR112, MATH 100-level, STAT 100-level, PHYS101-102, or PHYS111. These prerequisites may be replaced by a high level of achievement in NCEA Level 3 Physics and Mathematics with Calculus or other background as approved by the Head of Department.

*Offered in even-numbered years.***ASTR231 Observational Astronomy**

30 Points 0.2500 EFTS

A very hands-on course, with the participation of students in tutorials and all of the assessment by way of practical assignments. The syllabus will include: telescopes, CCDs, filters, general image processing methods, astrometry, coordinate systems, time photometry and spectroscopy. Students will also be exposed to astronomy research, including a field trip to the University of Canterbury Mt. John Observatory where students are expected to carry out their own projects.

P: Subject to approval of the Head of Department.

R: ASTR211

Domestic Fee: \$1,820 (2021)

International Fee: \$8,875 (2021)

ASTR231-21SU2 (C) Summer (Nov 21)**ASTR323 Stellar Structure and Evolution**

15 Points 0.1250 EFTS

Not offered in 2022

The physics governing stellar structure, a descriptive approach to stellar evolution, and related topics.

P: (1) 30 points from PHYS203-206, ASTR211-212; and (2) MATH103 or MATH109 or EMTH119 or MATH201.

R: PHYS323, ASTR423

EQ: PHYS323

Offered in odd-numbered years.

ASTR324 Special Topic

15 Points

0.1250 EFTS

Not offered in 2022

P: (1) 30 points from PHYS 203-206, ASTR 211-212; (2) MATH 103 or MATH 109 or EMTH 119 or MATH 201, or Entry by permission of the Head of School, School of Physical and Chemical Sciences.

ASTR325 The Structure and Evolution of Galaxies

15 Points

0.1250 EFTS

This course will give a thorough grounding in the physics of galaxies, covering galactic structure, dynamics, stellar populations, the Local Group, spiral galaxies, elliptical galaxies, galactic formation, galactic distribution and large-scale structure.

P: (1) 30 points from PHYS203-206, ASTR211-212; and (2) MATH103 or MATH109 or EMTH119 or MATH201.

R: PHYS325, ASTR425

EQ: PHYS325

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

ASTR325-22S2 (C) Semester 2

Offered in even-number years.

ASTR332 Theoretical and Observational Cosmology

15 Points

0.1250 EFTS

This course is an account of modern cosmology. It will include a discussion on the large scale homogenous and isotropic nature of the Universe and how the Universe is expanding with time. This will be followed by a brief review of the aspects of General Relativity that we will need in the course. After that, we will discuss the constituents of the Universe and how the expansion of the Universe has changed over time. The apparent accelerating expansion of the Universe and the proposed dark energy explanation for it will also be discussed. The evidence for dark matter and what properties it appears to have will be reviewed. We will use the Boltzmann equation to understand big bang nuclear synthesis and the cosmic microwave background. These are two of the main observational pillars of the big bang model of the Universe. The Boltzmann equation will be used to study a thermal relic model of dark matter. We will then go on to study the inhomogeneity of large scale structure such as galaxies, galaxy clusters and the cosmic web. The anisotropies in the cosmic microwave background will be analysed. We will see how observations of both of these phenomena can allow us to tightly constrain many properties of the Universe. Pre-requisites - additional info: Prior astronomy courses would be useful but are not essential as we will cover any needed subjects during the course.

P: (1) PHYS205 and PHYS203; and (2) MATH103 or MATH109 or EMTH119 or MATH201.

R: ASTR422, ASTR322

RP: MATH202

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

ASTR332-22S1 (C) Semester 1

Offered in odd-numbered years.

ASTR381 Advanced Experiments in Physics and Astronomy

15 Points

0.1250 EFTS

Execution and write-up of selected laboratory experiments.

P: (1) PHYS285; (2) 30 points from PHYS201-206 including either PHYS202 or PHYS205; (3) MATH103 or EMTH119 or MATH201.

R: PHYS381

RP: MATH201

EQ: PHYS381

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

ASTR381-22S2 (C) Semester 2

This course is normally taken in Semester 2. Entry for SU2 or S1 will only be granted by the HOD in exceptional circumstances.

ASTR391 Introductory Astronomy Research

15 Points

0.1250 EFTS

150 hours of research undertaken with the supervision of an active researcher. To be assessed with an oral presentation 20%, and a short written report 80%. This course may be started at any time with the agreement of the HOD. Note that start and end dates may affect entitlement to Studylink support.

P: (1) MATH103 or MATH109 or equivalent (2) 44 points from PHYS200 or ASTR200 (3) Entry subject to a supervisor approved by the Head of Department, being available

R: ASTR392, ASTR393

Domestic Fee: \$910 (2021)

International Fee: \$4,438 (2021)

ASTR391-21SU2 (C) Summer (Nov 21)

ASTR391-22S1 (C) Semester 1

ASTR391-22S2 (C) Semester 2

1. This course cannot be credited to the 56 points of 300 level ASTR required for ASTR major. 2. Entry subject to a supervisor being approved by the HOD being available.

Postgraduate

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

ASTR422 Theoretical and Observational Cosmology

15 Points

0.1250 EFTS

P: Subject to approval of the Head of Department. Prior astronomy courses would be useful but are not essential as we will cover any needed subjects during the course.

R: ASTR332

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

ASTR422-22S1 (C) Semester 1

ASTR423 Stellar Structure and Evolution

15 Points

0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Head of Department.

R: ASTR323

Offered in odd-numbered years.

ASTR425 The Structure and Evolution of Galaxies

15 Points

0.1250 EFTS

This course will give a thorough grounding in the physics of galaxies, covering galactic structure, dynamics, stellar populations, the Local Group, spiral galaxies, elliptical galaxies, galactic formation, galactic distribution and large-scale structure.

P: Subject to approval of the Head of Department.

R: ASTR325, PHYS325

RP: ASTR112, ASTR211 or ASTR212, 33 points from PHYS221-224

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

ASTR425-22S2 (C) Semester 2

Offered in even-numbered years.

ASTR427 Special Topic

15 Points

0.1250 EFTS

Not offered in 2022

P: Entry subject to approval of the Head of Department

ASTR430 Astronomy Literature Review

15 Points

0.1250 EFTS

Students should consult the Postgraduate Diploma in Science Regulations for further requirements.

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

ASTR430-22S1 (C) Semester 1

ASTR430-22W (C) Whole Year (S1 and S2)

ASTR430-22S2 (C) Semester 2

ASTR480 Astronomy Research Project

30 Points

0.2500 EFTS

An independent research project in Astronomy for 400-level students.

P: Subject to approval of the Head of Department

Domestic Fee: \$2,168 (2021)

International Fee: \$10,000 (2021)

ASTR480-22A (C) Starts Anytime

ASTR690 MSc Thesis

120 Points

1.0000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$8,172 (2021)

International Fee: \$40,000 (2021)

ASTR690-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval.

ASTR790 Astronomy PhD

120 Points

1.0000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$8,172 (2021)

International Fee: \$40,000 (2021)

ASTR790-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.

Audiology

Te Kura Mahi ā-Hirikapo | School of Psychology, Speech and Hearing

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

CMDS677 Independent Course of Study

15 Points 0.1250 EFTS

Not offered in 2022

Basic principles of the anatomy and physiology of the peripheral auditory and vestibular systems, with a focus on vestibular assessment techniques.

P: Approval of the Head of Department.

HEAR651 Foundation Topics in Audiology

15 Points 0.1250 EFTS

Basic principles of acoustics, psychoacoustics, and the anatomy and physiology of the peripheral auditory system.

P: Approval of the Head of Department.

RP: BSc, BSLP (Hons)

Domestic Fee: \$1,127 (2021)

International Fee: \$5,063 (2021)

HEAR651-22S1 (C) Semester 1

HEAR652 Diagnostic Audiological Evaluation

15 Points 0.1250 EFTS

Introduction to the diagnosis of hearing impairment, with a focus on diagnostics in adults.

P: Approval of the Head of Department.

RP: BSc, BSLP (Hons)

Domestic Fee: \$1,127 (2021)

International Fee: \$5,063 (2021)

HEAR652-22S1 (C) Semester 1

HEAR653 Audiological Rehabilitation

15 Points 0.1250 EFTS

Introduction to the management of hearing impairment, with a focus on management in adults.

P: Approval of the Head of Department.

RP: BSc, BSLP (Hons)

Domestic Fee: \$1,127 (2021)

International Fee: \$5,063 (2021)

HEAR653-22S1 (C) Semester 1

HEAR654 Clinical Practicum I

30 Points 0.2500 EFTS

This course puts into practice the information acquired in the academic courses in the clinical setting. The first half of the year is primarily focused on developing skills for adult diagnostic assessment, while the second half of the year focuses on developing skills for paediatric diagnostic assessment, and adult and paediatric habilitation.

P: Approval of the Head of Department.

RP: BSc, BSLP (Hons)

Domestic Fee: \$2,255 (2021)

International Fee: \$10,125 (2021)

HEAR654-22X (C) 21 Feb 2022 - 19 Feb 2023

HEAR655 Advanced Topics in Audiology

15 Points 0.1250 EFTS

Principles of communication and development of the auditory system, auditory processing disorders, vestibular disorders and medical-based audiology

P: Approval of the Head of School, HEAR651.

RP: BSc, BSLP (Hons)

Domestic Fee: \$1,127 (2021)

International Fee: \$5,063 (2021)

HEAR655-22S2 (C) Semester 2

HEAR656 Advanced Diagnostic Audiological Evaluation

15 Points 0.1250 EFTS

Further study in the diagnosis of hearing impairment, with a focus on objective assessment techniques and diagnosis in children. The course also includes research design, methodology, data analysis and interpretation in communication disorders.

P: Approval of the Head of School, HEAR652.

RP: BSc, BSLP (Hons)

Domestic Fee: \$1,127 (2021)

International Fee: \$5,063 (2021)

HEAR656-22S2 (C) Semester 2

HEAR657 Advanced Audiological Rehabilitation

15 Points 0.1250 EFTS

Further study in the management of hearing impairment, with a focus on management in children, and cochlear implants.

P: Approval of the Head of School, HEAR653.

RP: BSc, BSLP (Hons)

Domestic Fee: \$1,127 (2021)

International Fee: \$5,063 (2021)

HEAR657-22S2 (C) Semester 2

HEAR658 Clinical Practicum II

30 Points 0.2500 EFTS

This course puts into practice the information acquired on the academic courses in the clinical setting. It builds on the diagnostic and rehabilitative skills learned on the first year of the MAud programme, with a growing emphasis on building holistic approaches to audiological case management and understanding how these fit into the broader health system.

P: Approval of the Head of School, HEAR654.

RP: BSc, BSLP (Hons)

Domestic Fee: \$2,255 (2021)

International Fee: \$10,125 (2021)

HEAR658-22X (C) 21 Feb 2022 - 19 Feb 2023

HEAR663 Audiologic Assessment and Management

15 Points 0.1250 EFTS

This course provides students with foundational knowledge in audiology and of the role of the audiologist in the diagnosis and management of hearing and balance disorders, as well as a thorough understanding of how to develop and implement aural rehabilitation plans for children and adults and their family members. Skills acquired include competence in hearing screening audiometry and the interpretation of basic audiometric data in paediatric and adult audiology.

R: HEAR243

Domestic Fee: \$1,127 (2021)

International Fee: \$5,063 (2021)

HEAR663-22S1 (C) Semester 1

Limited entry. See limitation of entry regulations.

HEAR690 Audiology Thesis

90 Points 0.7500 EFTS

Thesis to be carried out under the guidance of a supervisor. The thesis is to embody the results obtained by the student in an investigation into an area of clinical audiology.

P: Approval of the Head of School.

RP: BSc, BSLP (Hons)

Domestic Fee: \$5,415 (2021)

International Fee: \$24,750 (2021)

HEAR690-22A (C) Starts Anytime

Part-time enrolment (0.4875 EFTS) is available on approval.

HEAR795 Audiology PhD

120 Points 1.0000 EFTS

P: Entry subject to the approval of the Head of School.

Domestic Fee: \$7,220 (2021)

International Fee: \$33,000 (2021)

HEAR795-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.

Bicultural Co-Governance

Te Kura Aronukurangi | School of Earth and Environment

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

BCNR691 Co-governance Research Project

60 Points 0.5000 EFTS

P: Subject to the approval of the Head of School

Domestic Fee: \$4,202 (2021)

International Fee: \$20,000 (2021)

BCNR691-22S2 (C) Semester 2

Biochemistry

Te Kura Matū | School of Physical and Chemical Sciences

BCHM111 Cellular Biology and Biochemistry

15 Points 0.1250 EFTS

A foundation course in cellular biology integrating the principles of molecular biology and biochemistry with the structure and function of plant, animal and microbial cells. Cellular and molecular mechanisms underlying cell growth/death cycles, cancer and genetic disorders will also be considered.

R: BIOL 111 and ENCH 281

EQ: BIOL111

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

BCHM111-22S1 (C) Semester 1

BCHM112 Structure and Reactivity in Chemistry and Biochemistry

15 Points 0.1250 EFTS

Structure, isomerism, stereochemistry, synthesis, and reaction mechanisms in organic chemistry; transition metal chemistry and electrochemistry.

P: (1) NCEA: at least 14 credits NCEA Level 3 Chemistry, or (2) CIE: at least D grade in CIE AL Chemistry or A grade in CIE ASL Chemistry, or (3) IB: at least Grade 4 in IB HL Chemistry or Grade 6 in IB SL Chemistry, or (4) CHEM114, or at least B Grade in BRDG023.

R: CHEM112

EQ: CHEM112

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

BCHM112-22S2 (C) Semester 2

BCHM202 Foundations in Molecular Biology

15 Points 0.1250 EFTS

Principles of genetics, including the structure of RNA and DNA, molecular replication, transcription, translation, recombination and gene expression.

P: BCHM111 (BIOL111) or ENCH281.

R: BIOL230, BIOL231, ENCH480

RP: CHEM112 or BCHM112 or CHEM114

EQ: BIOL231, ENCH480

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

BCHM202-22S1 (C) Semester 1

BCHM206 Organic Chemistry

15 Points 0.1250 EFTS

Reaction mechanisms, synthesis and biosynthesis of organic compounds.

P: CHEM212 or BCHM212

R: CHEM242

EQ: CHEM242

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

BCHM206-22S2 (C) Semester 2

BCHM207 Special Topic

15 Points 0.1250 EFTS

Not offered in 2022

Selected lectures, tutorials and laboratories from courses relevant to biochemistry. Exchange students only may enrol in this course. Credit for this course may not be used to satisfy the requirements of a University of Canterbury degree. Internally assessed.

P: Entry subject to approval of the Coordinator, Biochemistry

BCHM212 Chemical Reactivity

15 Points 0.1250 EFTS

Structures and properties of organic and biological molecules; application of kinetics and thermodynamics to organic and biochemical reactions; substitution and elimination chemistry; bioinorganic chemistry and electrochemistry.

P: BCHM 112 (CHEM 112) or ENCH 241

R: CHEM212

EQ: CHEM212

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

BCHM212-22S1 (C) Semester 1

BCHM222 BIOCHEMISTRY B - Metabolism; the reactions of molecules in cells

15 Points 0.1250 EFTS

The general principles of metabolism and metabolic control.

P: BCHM221 or BCHM253 or BIOL253

R: BCHM201, ENCH323

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

BCHM222-22S2 (C) Semester 2

BCHM253 Cell Biology I

15 Points 0.1250 EFTS

Internal organisation of the cell. The course will build on the introduction to cell biology in BCHM 111 (BIOL 111) and seek to develop further understanding of the internal workings of the cell.

P: BIOL111 (BCHM111) or ENCH281.

R: BIOL253

RP: 15 points of CHEM at 100 level

EQ: BIOL253

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

BCHM253-22S1 (C) Semester 1

BCHM281 Practical Biochemistry

15 Points 0.1250 EFTS

This course is laboratory based and includes the following topics: preparative chemistry; purification of biochemicals and chemicals including chromatography; practical spectroscopy and basic analytical methodology; kinetic and thermodynamic measurements on solutions; data analysis, errors and Excel competence. Safety and library elements will be integrated into the course.

P: 1. 30 points from CHEM111, CHEM112 (BCHM112), and BCHM111 (BIOL111) or 2. have passed 15 points from CHEM111, CHEM112 (BCHM112) or BCHM111 (BIOL111) and be concurrently enrolled in CHEM111 or CHEM112 (BCHM112) or BCHM111 (BIOL111)

C: Have passed 15 points from CHEM111, CHEM112 (BCHM112) or BCHM111 (BIOL111) and be concurrently enrolled in CHEM111 or CHEM112 (BCHM112) or BCHM111 (BIOL111)

R: CHEM281

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

BCHM281-22S2 (C) Semester 2

BCHM303 Special Topic

15 Points 0.1250 EFTS

Not offered in 2022

Selected lectures, tutorials and laboratories from courses relevant to biochemistry. Exchange students only may enrol in this course. Credit for this course may not be used to satisfy the requirements of a University of Canterbury degree. Internally assessed.

P: Entry subject to approval of the Coordinator, Biochemistry.

BCHM304 Special Topic

15 Points 0.1250 EFTS

P: Entry subject to approval of the Coordinator, Biochemistry

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

BCHM304-22W (C) Whole Year (S1 and S2)

BCHM305 Protein Science

15 Points 0.1250 EFTS

This course is designed to help you to understand how different proteins function and how biochemists seek to investigate protein structure and function. The course aims to introduce you to modern biochemical ideas and research, and will include a substantial amount of reading from the biochemical literature, as well as from your standard textbook.

P: BCHM253/BIOL253 and BCHM222.

R: BCHM301

RP: BCHM202/BIOL231, BCHM206/CHEM242, BCHM212/CHEM212.

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

BCHM305-22S1 (C) Semester 1

BCHM306 Biochemical Pathology

15 Points 0.1250 EFTS

This course is designed to help you to understand the biochemistry underpinning disease (e.g. cancer), how diseases are diagnosed using biochemical markers (e.g. heart disease), mechanisms of cell and organ toxicity, and how toxic molecules can be used to our benefit (e.g. in cancer chemotherapy).

P: BCHM253/BIOL253 and BCHM222, and 15 points from BCHM206, BCHM212/CHEM212.

R: BCHM301, BCHM302

RP: BCHM202/BIOL231.

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

BCHM306-22S2 (C) Semester 2

Biochemistry

BCHM335 Biochemical and Environmental Toxicology

15 Points 0.1250 EFTS

Not offered in 2022

This course examines the effects of exposure to toxic chemicals, risk assessment, risk management, routes of exposure and biochemical mechanisms of toxicity.

P: (1) CHEM 244 or CHEM 211 or CHEM 281 or BCHM 281, (2) BCHM 111 (BIOL 111) or ENCH 281.

R: BCHM302; CHEM325

RP: CHEM112 or BCHM112

BCHM338 Chemical Biology and Protein Chemistry

15 Points 0.1250 EFTS

This course covers important concepts in chemical biology: the application of chemical techniques, tools, analyses, and synthetic chemicals, to the study and manipulation of the molecular processes taking place within cells.

P: CHEM212 or BCHM212 Recommended preparation: BCHM202 (BIOL231)

R: CHEM325; BCHM302; CHEM338

RP: BCHM202 (BIOL231)

EQ: CHEM338

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

BCHM338-22S1 (C) Semester 1

BCHM339 Bioinorganic and Bioorganic Chemistry

15 Points 0.1250 EFTS

Bioinorganic chemistry is the study of the ways that nature uses the properties of metal ions to control and catalyse biological processes. Processes to be studied will include transport of electrons, small molecules, and essential trace elements, as well as chemical transformations that involve redox reactions, activation of water molecules in hydrolysis reactions, and the role of metal ions in biosynthetic reactions and drug metabolism. The bioorganic chemistry portion of the course will focus on the role that small molecular weight organic compounds can play in dissecting, probing and manipulating biological systems. We will use examples from human and animal health (i.e. cancer, infection) to illustrate this interdisciplinary process.

P: CHEM212 or BCHM212.

R: CHEM339; CHEM325; BCHM302

RP: CHEM242 (BCHM206)

EQ: CHEM339

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

BCHM339-22S2 (C) Semester 2

BCHM381 Biochemical Techniques

15 Points 0.1250 EFTS

Biochemical experiments and analysis such as transport kinetics, DNA sequence analysis and manipulation, lipid isolation and characterisation. Safety, bioethical and library elements will be integrated into the coursework.

P: BCHM201 (if taken prior to 2005) or BCHM281 or CHEM281

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

BCHM381-22S2 (C) Semester 2

Postgraduate

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

BCHM407 Special Topic

30 Points 0.2500 EFTS

Not offered in 2022

P: Subject to approval of the Head of Department.

BCHM408 Special Topic

30 Points 0.2500 EFTS

Not offered in 2022

P: Subject to approval of the Head of Department.

BCHM409 Special Topic

30 Points 0.2500 EFTS

Not offered in 2022

P: Subject to approval of the Head of Department.

BCHM420 Biological Chemistry

30 Points 0.2500 EFTS

Contemporary research areas such as biologically-active organic compounds; biochemical processes; molecular recognition; bioinorganic chemistry.

P: Subject to the approval of the Head of Department

Domestic Fee: \$2,168 (2021)

International Fee: \$10,000 (2021)

BCHM420-22W (C) Whole Year (S1 and S2)

BCHM455 Applied and Molecular Microbiology

15 Points 0.1250 EFTS

This course will help students develop as scholars and advance their research skills in areas of applied and molecular microbiology. With microbes being ubiquitous and ever more important to commerce, the course will offer opportunities to explore cultural and social perceptions of appropriate use of microbiological science. The course focuses on the critical evaluation of scientific evidence.

R: BIOL493, BIOL455

RP: BIOL313, BIOL333, BCHM301/BIOL331

EQ: BIOL455

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

BCHM455-22S1 (C) Semester 1

BCHM457 Macromolecular Evolution and Engineering

15 Points 0.1250 EFTS

The primary goal of this course is to assist student development as scholars and advance their research skills in fields of science that use molecular evolution and molecular design (i.e. synthetic biology) to address a wide diversity of biological questions and problems. The course focuses on the critical evaluation of scientific methodology and how such methodology can be applied to engineer new biomolecules.

R: BIOL457

RP: BIOL331/BCHM301 (Biochemistry 3) and/or Protein Science (BIOL435/BCHM403), which is designed to be a compatible course run in S1. In addition, one from the following is highly recommended: BIOL313 (Microbiology) or BIOL333 (Molecular Genetics) (or equivalent, as determined by course co-ordinator).

EQ: BIOL457

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

BCHM457-22S2 (C) Semester 2

BCHM459 Genomics

15 Points 0.1250 EFTS

Students taking this course will develop a deep knowledge in a current area of genome biology and evolution. Students will get to grips with the latest research in this fast moving field, read deeply on a chosen topic, and develop strong critical thinking, writing and debating skills.

R: BIOL430/BCHM406/BIOL459

EQ: BIOL459

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

BCHM459-22S2 (C) Semester 2

BCHM460 Molecular Biology

15 Points 0.1250 EFTS

Molecular biology comprises a suite of tools and approaches for understanding the structure and function of DNA, RNA and proteins. The primary goal of this course is to assist the development of scholars with advanced technical skills in molecular biology who can use these tools to infer evolutionary and functional relationships.

R: BIOL434/BCHM405/BIOL460

RP: BIOL333, BIOL334, BCHM301/BIOL331, BIOL335

EQ: BIOL460

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

BCHM460-22S1 (C) Semester 1

BCHM461 Protein Science

15 Points 0.1250 EFTS

An advanced treatment of protein science, covering structure, function, applications, and the inter-relationships between these.

R: BIOL435/BCHM403/BIOL461

EQ: BIOL461

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

BCHM461-22S1 (C) Semester 1

BCHM462 Medical Biochemistry

15 Points 0.1250 EFTS

The primary goal of this course is to assist student development as scholars and advance their knowledge and literature research skills in the field of Medical Biochemistry. This course will exam broad topics of medical interest where biochemical techniques have been used to examine the basis of human pathological process. The course will examine topic areas of medical research using recent peer reviewed publications. The course focuses on the critical evaluation of the research literature and evaluation of competing theories on the mechanism of selected disease pathologies.

R: BIOL436/BCHM401/BIOL462

EQ: BIOL462
 Domestic Fee: \$1,084 (2021)
 International Fee: \$5,000 (2021)
BCHM462-22S2 (C) Semester 2

BCHM480 Project

30 Points 0.2500 EFTS

The topic for this project shall be approved by the Course Co-ordinator and may be carried out under the supervision of staff in the Departments of Chemistry or Biological Sciences. The written report on this project must be completed and presented to the Registrar in the year in which the student presents the courses selected for BCHM 400 level and at a time determined by the department concerned.

P: Subject to approval of the Head of Department.

Domestic Fee: \$2,168 (2021)

International Fee: \$10,000 (2021)

BCHM480-22W (C) Whole Year (S1 and S2)

BCHM480-22CY (C) Cross Year

BCHM690 MSc Thesis

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$8,172 (2021)

International Fee: \$40,000 (2021)

BCHM690-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval.

BCHM790 Biochemistry PhD

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$8,172 (2021)

International Fee: \$40,000 (2021)

BCHM790-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.

Bioengineering

Department of Mechanical Engineering

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

ENBI601 Medical Bioengineering

15 Points 0.1250 EFTS

Not offered in 2022

An introduction to and problem solving in the 5 key clinical areas of cardiovascular, renal, neurological, respiratory and musculoskeletal. Lectures given by staff at UC and the Christchurch School of Medicine and Health Sciences.

ENBI605 Biomedical Engineering Simulations

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Head of Department.

R: ENME409, ENME609

ENBI690 Bioengineering ME Thesis

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department

Domestic Fee: \$8,697 (2021)

International Fee: \$45,000 (2021)

ENBI690-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval.

ENBI790 Bioengineering PhD

120 Points 1.0000 EFTS

P: Subject to the approval of the Head of Department

Domestic Fee: \$8,697 (2021)

International Fee: \$45,000 (2021)

ENBI790-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.

Biological Sciences

Te Kura Pūtaiao Koiora | School of Biological Sciences

BIOL111 Cellular Biology and Biochemistry

15 Points 0.1250 EFTS

A foundation course in cellular biology integrating the principles of molecular biology and biochemistry with the structure and function of plant, animal and microbial cells. Cellular and molecular mechanisms underlying cell growth/death cycles, cancer and genetic disorders will also be considered.

R: ENCH281 and BCHM111

EQ: BCHM111

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

BIOL111-22S1 (C) Semester 1

BIOL112 Ecology, Evolution and Conservation

15 Points 0.1250 EFTS

An integrated course embracing the principles of ecology, behaviour, genetics, evolution and conservation biology.

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

BIOL112-22S2 (C) Semester 2

Fieldwork is required.

BIOL113 Diversity of Life

15 Points 0.1250 EFTS

An overview of the diversity, evolution, structure and function of animals, plants and microbes.

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

BIOL113-22S1 (C) Semester 1

BIOL116 Human Biology

15 Points 0.1250 EFTS

An introduction to the biology of humans. The course is particularly recommended for students wishing to advance in topics in health and sport, as well as those students advancing in science subjects.

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

BIOL116-22S2 (C) Semester 2

BIOL209 Biological Data Analysis

15 Points 0.1250 EFTS

Introductory statistics with specific examples for biologists. This course is required for all students in BIOL.

P: STAT101 or 15 points of 100 level MATH

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

BIOL209-22S1 (C) Semester 1

BIOL210 Vertebrate Biology

15 Points 0.1250 EFTS

The comparative anatomy, general biology, ecology, physiology and evolutionary history of the vertebrates.

P: BIOL113

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

BIOL210-22S2 (C) Semester 2

BIOL211 Insect Biology

15 Points 0.1250 EFTS

The biology of insects and other non-marine arthropods, with emphasis on environmental relationships and management. Note - this course will be offered in even-numbered years.

P: BIOL113

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

BIOL211-22S2 (C) Semester 2

BIOL212 Marine Biology and Ecology

15 Points 0.1250 EFTS

An introduction to the ecology and biology of the marine environment. Description and analysis of marine communities and the biodiversity, ecology and behaviour of marine organisms.

P: BIOL112 and BIOL113

Domestic Fee: \$961 (2021)

International Fee: \$5,063 (2021)

BIOL212-22S1 (C) Semester 1*Fieldwork is required.***BIOL213 Microbiology**

15 Points 0.1250 EFTS

An introduction to the fundamental principles of microbiology and microbial genetics.

P: BIOL111 or BIOL113.

RP: BIOL231/BCHM202

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

BIOL213-22S2 (C) Semester 2**BIOL215 Origins and Classification of Life**

15 Points 0.1250 EFTS

This course takes a broad view of the ways biological diversity can be described and classified, and its origins understood. Systematics is the scientific discipline that encompasses the description, identification, nomenclature, and classification of organisms (Taxonomy) and the reconstruction of their macro-evolutionary history (Phylogenetics). Knowing the identity and evolutionary relationships of organisms is crucial to any biological study, but functional classifications are also important. This course is an introduction to the methodology and principles of systematics across all forms of biodiversity (bacteria, plants, fungi, protists, and animals), from morphological to next-generation DNA-based approaches and including functional methods.

P: BIOL112 or BIOL113 (

RP: BIOL111

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

BIOL215-22S2 (C) Semester 2**BIOL231 Foundations in Molecular Biology**

15 Points 0.1250 EFTS

Principles of genetics, including the structure of RNA and DNA, molecular replication, transcription, translation, recombination and gene expression.

P: BIOL111 (=BCHM111) or ENCH281

R: BCHM202, ENCH480, BIOL230

EQ: BCHM202, ENCH480

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

BIOL231-22S1 (C) Semester 1**BIOL250 Principles of Animal Physiology**

15 Points 0.1250 EFTS

An introduction to the mechanisms of how the body works, concentrating on osmoregulation and excretion, digestion, nerves and muscles.

P: BIOL111 (=BCHM111) or ENCH281

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

BIOL250-22S1 (C) Semester 1**BIOL253 Cell Biology I**

15 Points 0.1250 EFTS

Internal organisation of the cell. The course will build on the introduction to cell biology in BIOL 111 (BCHM 111) and seek to develop further understanding of the internal workings of the cell.

P: BIOL111 (=BCHM111) or ENCH281

R: BCHM253

EQ: BCHM253

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

BIOL253-22S1 (C) Semester 1**BIOL254 Principles of Plant Physiology**

15 Points 0.1250 EFTS

The principles of plant development, including the basic anatomy of higher plants, and how they grow, respond to external stimuli and reproduce. Relationship between these concepts and developments in agriculture and biotechnology.

P: BIOL111 (=BCHM111) or ENCH281

R: BIOL252

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

BIOL254-22S2 (C) Semester 2**BIOL271 Evolution**

15 Points 0.1250 EFTS

An introduction to evolution: patterns and processes of evolution; mechanisms of evolution, adaptation, speciation and extinction.

P: BIOL112

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

BIOL271-22S1 (C) Semester 1**BIOL272 Principles of Animal Behaviour**

15 Points 0.1250 EFTS

This course is intended to provide a broad understanding of how animals interact with each other and with their environment. This course will cover the control, development, adaptive significance and evolution of behaviour. We will use a combination of traditional lectures, selected case studies, laboratory and fieldwork to learn fundamental concepts animal behaviour. Additional reading of scientific papers will be an essential adjunct to the lectures and especially to assessments.

P: BIOL112 or PSYC105

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

BIOL272-22S2 (C) Semester 2**BIOL273 New Zealand Biodiversity and Biosecurity**

15 Points 0.1250 EFTS

Not offered in 2022

An overview of the indigenous flora and fauna of New Zealand, including their biogeographic origins, the unique and unusual aspects of native organisms, the makeup of native communities, and their interactions with introduced organisms. Emphasis will be placed on the role of biological invaders in modifying New Zealand ecosystems.

P: BIOL112 or BIOL113

R: BIOL114

*Fieldwork is required.***BIOL274 Principles of Ecology**

15 Points 0.1250 EFTS

This course provides a fundamental grounding in the main concepts in and applications of ecology, the study of relationships between organisms and their environment. The most important concepts in population, community, landscape and ecosystem ecology are covered. These are considered using examples from across marine, freshwater, forest, grassland, urban and production ecosystems, and with particular reference to the factors controlling the distribution of plants, animals and microbes in Aotearoa New Zealand, and their differences to other countries. There is a particular emphasis on the problems and issues affecting natural systems, and how ecological knowledge can be applied to achieve solutions. We will also recognise taongo species and consider Māori perspectives on cultural management of natural resources. Overall, this course provides a thorough overview for those wanting to compliment other environmental knowledge. It can be combined with BIOL275 Field Ecology to provide a comprehensive platform for those wanting to undertake more advanced ecological study.

P: BIOL112

R: BIOL270

Domestic Fee: \$961 (2021)

International Fee: \$5,063 (2021)

BIOL274-22S1 (C) Semester 1**BIOL274-22S1 (D) Semester 1****BIOL275 Field Ecology**

15 Points 0.1250 EFTS

This course provides a fundamental grounding in the practical skills used in ecology, the study of relationships between organisms and their environment. It is designed to add to the co-requisite course BIOL274 Principles of Ecology (to form the equivalent of the 30-pt BIOL270 Ecology) if students want to advance to 300-level ecology courses. There is a particular emphasis on the problems and issues affecting natural systems, and how ecological knowledge can be applied to achieve solutions. The focus of the course is a four-day field trip to the UC Cass field station near Arthur's Pass National Park. Combined with laboratory sessions prior to cultivate basic skills, the field course allows students to develop expertise in field experimental design and sampling, data analysis and interpretation, as well as providing practical experience in some wonderful high country environments. We will also recognise taongo species and consider appropriate Māori protocols (tikanga) for sampling in the field and the need for consultation. Overall, this course provides both a comprehensive platform for those wanting to undertake more advanced ecological study. The combination of BIOL274 and BIOL275 is a prerequisite for all ecology core courses at 300-level, and for students intending to progress to postgraduate level in ecology.

C: BIOL274

R: BIOL270

Domestic Fee: \$961 (2021)

International Fee: \$5,063 (2021)

BIOL275-22S1 (C) Semester 1**BIOL305 Practical Field Botany**

15 Points 0.1250 EFTS

A residential field course focussing on the identification and sampling of plants, in practical (field) conditions.

P: (1) BIOL215 or (2) BIOL273 or (3) BIOL270 or (4) BIOL274 and BIOL275 or (5) subject to approval by

the Head of the School of Biological Sciences

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

BIOL305-22SU1 (C) Summer (Jan 22)

Limited entry. See limitation of entry regulations. Fieldwork is required.

BIOL306 Special Topic

15 Points 0.1250 EFTS

Not offered in 2022

P: Entry subject to approval by the Head of School.

BIOL307 Special Topic

15 Points 0.1250 EFTS

Selected lectures, tutorials and assignments from courses relevant to biology and/or a supervised course of study subject to approval by the Head of School

P: Entry subject to approval by the Head of School.

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

BIOL307-22S1 (C) Semester 1

BIOL307-22S2 (C) Semester 2

BIOL308 Special Topic

30 Points 0.2500 EFTS

Not offered in 2022

Selected lectures, tutorials and assignments from courses relevant to biology and/or a supervised course of study subject to approval by the Head of School.

P: Entry subject to approval by the Head of School.

BIOL309 Experimental Design and Data Analysis for Biologists

15 Points 0.1250 EFTS

Advanced experimental design and statistical techniques for biologists. This course is essential for all students considering postgraduate study in biological sciences.

P: BIOL209 or appropriate statistical background as determined by the Head of School

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

BIOL309-22S2 (C) Semester 2

BIOL309-22S2 (D) Semester 2

BIOL313 Advanced Microbiology

15 Points 0.1250 EFTS

This course builds on BIOL213 and explores microbial ecology, advanced food and agricultural microbiology, disease and pathogenesis. The course emphasises bacteria and fungi, with other microbes also considered. Both fundamental and applied microbiology will be covered. The practical component of the course consists of isolating and characterising novel microbial strains, using both molecular and traditional approaches.

P: BIOL213

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

BIOL313-22S2 (C) Semester 2

BIOL332 Genetics, Evolution and Ecology of Invasive Species

15 Points 0.1250 EFTS

An introduction to the genetics and evolution of biological invasions, including the use of molecular tools to answer applied questions regarding the source, spread, and effects of introduced organisms within an ecological context.

P: BIOL215 or BIOL271

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

BIOL332-22S2 (C) Semester 2

BIOL333 Molecular Genetics

15 Points 0.1250 EFTS

BIOL333 is an advanced molecular genetics course that builds on the conceptual frameworks developed in the pre-requisite course BIOL231/BCHM202. It provides in-depth coverage across the breadth of life with an emphasis on gene expression, gene concepts and biotechnology.

P: BIOL231 (=BCHM202)

R: BIOL330

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

BIOL333-22S1 (C) Semester 1

BIOL334 Evolutionary Genetics and Genomics

15 Points 0.1250 EFTS

BIOL334 is an advanced course that builds on the conceptual frameworks developed in the pre-requisite course BIOL271. It provides in-depth coverage across the breadth of evolutionary

genetics and genomics with an emphasis on conservation genetics/genomics, epigenetics, evolution and development (evo-devo), and genomic interactions with the environment.

P: BIOL215 and BIOL271

R: BIOL330

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

BIOL334-22S2 (C) Semester 2

BIOL336 Ecological and Evolutionary Models

15 Points 0.1250 EFTS

Introduction to key ecological and evolutionary models. The course introduces how to solve basic mathematical models and how to use computational tools to explore their solutions. Students learn how to create simple models to understand how complex, real-world processes unfold.

P: BIOL209 or 15 Points of 200-level COSC or DATA or EMTH or ENCE or PHYS or MATH or STAT.

RP: BIOL270, BIOL271 or BIOL274

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

BIOL336-22S1 (C) Semester 1

BIOL337 Bioinformatics

15 Points 0.1250 EFTS

Not offered in 2022

The general aim of this course is to discuss major concepts in the bioinformatic analysis, application, handling and management of large-scale biological data, and apply these bioinformatics methods to real-world issues. The central focus will be on bringing together previously developed skills in programming, computing and data wrangling, and evaluating how these skills apply to biological datasets. This paper will also discuss the cultural, political, social and legal issues regarding data ownership, use and governance. The course will consist of regular lectures and computer labs, where students will be able to explore biological datasets using their knowledge of bioinformatics. The emphasis is on the amalgamation of students' previous two years of training and experience, providing students with the context and the background required to apply their skills in the real world. Skills learnt will be assessed via short computer lab reports and a final exam. BIOL337 is a required course for enrolment in BIOL338 (Bioinformatics Project).

P: BIOL231 and DATA201 and [STAT201 or BIOL209]

BIOL338 Bioinformatics Project

30 Points 0.2500 EFTS

Not offered in 2022

This course will develop your ability to undertake research in bioinformatics. Drawing on existing datasets, you will design and complete a research project. The aim is for most projects to be based on real-world problems with data provided in collaboration with a research partner. The training, practice and critical evaluation of the research will be carried out in groups, and you will communicate your research findings using spoken, statistical and written skills. The course consists of regular lectures/tutorials and project group meetings, supported by web-based resources. It concludes with a public conference, where you will present your findings. The emphasis is on students working together to solve real-world bioinformatic problems using skills that are transferable to the workplace.

P: BIOL337

BIOL351 Cell Biology 2

15 Points 0.1250 EFTS

Advanced study of cellular organisation and interactions with emphasis on the relationships between molecular structure and organelle and cell function.

P: BIOL253 (=BCHM253)

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

BIOL351-22S2 (C) Semester 2

BIOL352 Plant Development and Biotechnology

15 Points 0.1250 EFTS

Biotechnology for industries using plants and plant products. The principles and applications of advanced cell biology, plant tissue culture and genetic engineering. Use of natural products in industry.

P: BIOL254 or BIOL253 (=BCHM253) or BIOL231 (=BCHM202)

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

BIOL352-22S1 (C) Semester 1

BIOL354 Animal Ecophysiology

15 Points 0.1250 EFTS

Comparative aspects of physiological adaptation to aquatic and terrestrial environments. Topics include osmoregulation, excretion, respiration, circulation, temperature acclimation, using both vertebrate and invertebrate examples.

P: BIOL250

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

BIOL354-22S2 (C) Semester 2

BIOL355 Neurons, Hormones and Behaviour

15 Points 0.1250 EFTS

The physiological basis of behaviour. Building on the introduction to Animal Physiology in BIOL250, this course will concentrate on the endocrine and nervous systems and develop an understanding of how these systems have evolved to fine-tune the behaviour of animals.

P: BIOL250

RP: BIOL272

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

BIOL355-22S1 (C) Semester 1**BIOL371 Evolutionary Ecology**

15 Points 0.1250 EFTS

The focus of this course is on how the interplay between ecological and evolutionary forces generate biological diversity at many levels, and how this knowledge is used to solve problems in human health, agriculture and conservation.

P: BIOL271

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

BIOL371-22S1 (C) Semester 1**BIOL375 Freshwater Ecosystems**

15 Points 0.1250 EFTS

Advanced theories and concepts of freshwater ecology and their practical application to current issues.

P: BIOL209 and either (1) BIOL270 or (2) BIOL274 and BIOL275

Domestic Fee: \$961 (2021)

International Fee: \$5,063 (2021)

BIOL375-22S2 (C) Semester 2*Fieldwork is required.***BIOL377 Global Change and Biosecurity**

15 Points 0.1250 EFTS

A discussion of major concepts in community and ecosystems ecology in the context of anthropogenic changes to the environment and pressure from invasive exotic species.

P: BIOL209 and either (1) BIOL270 or (2) BIOL274 and BIOL275

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

BIOL377-22S1 (C) Semester 1*Fieldwork is required.***BIOL378 Population Ecology and Conservation**

15 Points 0.1250 EFTS

Advanced concepts in population ecology, especially those most relevant to the New Zealand region and to the conservation of the New Zealand biota. Topics include life history tradeoffs, dispersal and metapopulations, species interactions, population regulation, population modelling, management of populations, and issues for species conservation in New Zealand.

P: BIOL209 and either (1) BIOL270 or (2) BIOL274 and BIOL275

Domestic Fee: \$961 (2021)

International Fee: \$5,063 (2021)

BIOL378-22S1 (C) Semester 1*Fieldwork is required.***BIOL383 Behavioural Ecology**

15 Points 0.1250 EFTS

The development and adaptive significance of behaviour with emphasis on the relationship between ecology and behaviour.

P: BIOL209 and BIOL272

R: BIOL373

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

BIOL383-22S1 (C) Semester 1*Fieldwork is required.***BIOL384 Marine Ecosystems**

15 Points 0.1250 EFTS

Advanced theories, concepts and applications of marine ecology to current issues.

P: BIOL209 and either (1) BIOL270 or (2) BIOL274 and BIOL275.

R: BIOL374

RP: BIOL212

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

BIOL384-22S2 (C) Semester 2*Fieldwork is required.*

Postgraduate

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

BIOL401 Special Topic: Laboratory Research Project

30 Points 0.2500 EFTS

300 hours of independent research performed under the guidance of a supervisor who is a member of academic staff. To be assessed by a short written report. Note: Administered by the School of Biological Sciences for MSc students only; please see the School for more information.

P: Subject to approval of the Head of School.

Domestic Fee: \$2,131 (2021)

International Fee: \$9,875 (2021)

BIOL401-21SU2 (C) Summer (Nov 21)**BIOL402 Special Topic: Field Research Project**

30 Points 0.2500 EFTS

300 hours of independent research performed under the guidance of a supervisor who is a member of academic staff. To be assessed by a short written report. Note: Administered by the School of Biological Sciences for MSc students only; please see the School for more information.

P: Subject to approval of the Head of School.

Domestic Fee: \$2,131 (2021)

International Fee: \$9,875 (2021)

BIOL402-21SU2 (C) Summer (Nov 21)**BIOL404 Special Topic**

30 Points 0.2500 EFTS

Not offered in 2022

P: Subject to approval of the Head of School.

BIOL406 Special Topic

30 Points 0.2500 EFTS

Not offered in 2022

P: Subject to approval of the Head of School.

BIOL407 Special Topic

30 Points 0.2500 EFTS

Not offered in 2022

P: Subject to approval of the Head of School.

BIOL408 Special Topic

30 Points 0.2500 EFTS

Not offered in 2022

P: Subject to approval of the Head of School.

BIOL409 Special Topic

30 Points 0.2500 EFTS

Not offered in 2022

P: Subject to approval of the Head of School.

BIOL411 Research Preparation

15 Points 0.1250 EFTS

To introduce and discuss the methodology and principles involved in preparing for research, and to broaden perspectives in the development of a research-oriented career.

P: Subject to approval of the Head of School.

R: BIOL405

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

BIOL411-22S1 (C) Semester 1**BIOL412 Research Proposal**

15 Points 0.1250 EFTS

To introduce and develop skills in the synthesis of research findings and the writing of a detailed research proposal.

P: BIOL411. For those students who begin 4th year in the middle of the year, BIOL411 and BIOL412 must be completed in Semester 1 of the following year.

R: BIOL405

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

BIOL412-22S1 (C) Semester 1**BIOL412-22S2 (C) Semester 2**

BIOL415 Special Topic

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Head of School.

BIOL420 Terrestrial Ecology

15 Points 0.1250 EFTS

Not offered in 2022

This course covers current advances in terrestrial ecology with a focus on population and species ecology. It covers species interactions, such as herbivory, pollination, seed dispersal, and epidemics. Examples concentrate on interactions among vascular plants (trees and shrubs), vertebrate and invertebrate animals, and pathogens, and interactions of those species with the physical environment.

P: Subject to approval of the Head of School.

R: BIOL478

RP: BIOL378 Population Ecology and Conservation

BIOL423 Evolutionary Ecology

15 Points 0.1250 EFTS

Aims to equip ecology students with the evolutionary biology underpinning the discipline. Students will advance their knowledge of current issues and approaches in evolutionary ecology, particularly those of relevance to global change. The course has a focus on phenotypic evolution and processes occurring at the interface of ecology and evolution.

P: Subject to approval of the Head of School.

R: BIOL478

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

BIOL423-22S2 (C) Semester 2**BIOL424 Community Ecology**

15 Points 0.1250 EFTS

To develop skills in the critique of literature and formulation and testing of hypotheses within the field of community ecology.

P: Subject to approval of the Head of School.

R: BIOL471

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

BIOL424-22S2 (C) Semester 2**BIOL425 Freshwater Ecology**

15 Points 0.1250 EFTS

Aims to develop students as professional freshwater ecologists. Students will advance their knowledge of current issues and approaches in freshwater ecology, particularly the concepts that underpin understanding of freshwater ecosystems and the application of research to management and conservation issues in New Zealand. Has a focus on the skills needed by professionals working in freshwater-related areas of research, consultancy and management.

P: Subject to approval of the Head of School.

R: BIOL472

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

BIOL425-22S1 (C) Semester 1**BIOL426 Conservation Biology**

15 Points 0.1250 EFTS

This course covers aspects of biology that are useful in applied conservation situations. In other words, how can ecologists help to preserve biodiversity? Topics covered include: what is rarity; extinction rates past and present; limiting factors in endangered species management; adaptive management of NZ species; reserve design in theory and practice; conservation and climate change. This course complements BIOL429 which looks at conservation genetics.

P: Subject to approval of the Head of School.

R: BIOL474

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

BIOL426-22S2 (C) Semester 2**BIOL427 Global Change Biology**

15 Points 0.1250 EFTS

This course will address selected major issues concerning the role of biological processes in the Earth System and the impact on these of human activities (global change). Discussion will include carbon and nutrient cycling in terrestrial and marine ecosystems, the impacts of past and future climate change on biota, the significance of biodiversity loss on ecosystem processes and strategies to mitigate climate change.

P: Subject to approval of the Head of School.

R: BIOL479

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

BIOL427-22S1 (C) Semester 1**BIOL428 Marine Biology and Ecology**

15 Points 0.1250 EFTS

This course focuses on current issues in marine biology and ecology. It includes a critical assessment of experimental approaches, ecological and physiological processes affecting the structure of marine communities and the application of research to current issues.

P: BIOL270 or BIOL250

R: BIOL473

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

BIOL428-22S1 (C) Semester 1**BIOL429 Conservation Genetics**

15 Points 0.1250 EFTS

This course addresses contemporary issues in conservation genetics with a strong emphasis on the conservation genetic management of threatened captive and wild populations in partnership with relevant iwi, hapu and Māori trusts, and in collaboration with diverse stakeholders including relevant conservation agencies, conservation trusts and community groups. Topics include the genetic consequences of small population size, intra- and interspecific hybridisation, and the resolution of taxonomic uncertainties.

P: Subject to approval of the Head of School.

R: BIOL431

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

BIOL429-22S1 (C) Semester 1**BIOL438 Behaviour**

15 Points 0.1250 EFTS

Current topics in the study of animal behaviour with an emphasis on empirical tests of theoretical issues. Topics vary from year to year but include sexual selection, foraging strategies, parental care and parasitism, problem solving and animal cognition.

P: Subject to approval of the Head of School.

R: BIOL470

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

BIOL438-22S1 (C) Semester 1**BIOL455 Applied and Molecular Microbiology**

15 Points 0.1250 EFTS

This course will help students develop as scholars and advance their research skills in areas of applied and molecular microbiology. With microbes being ubiquitous and ever more important to commerce, the course will offer opportunities to explore cultural and social perceptions of appropriate use of microbiological science. The course focuses on the critical evaluation of scientific evidence.

P: Subject to approval of the Head of School.

R: BIOL493

RP: BIOL313, BIOL333, BCHM301/BCHM331

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

BIOL455-22S1 (C) Semester 1**BIOL456 Dynamics of Microbiological Interactions**

15 Points 0.1250 EFTS

Microbiological interactions impact on almost every aspect of biology, from plant nutrient uptake and photosynthesis to animal digestion to ecosystem function. We will explore the intimate interactions of microorganisms with plants and animals, and other microorganisms. We consider a range of microorganisms, including bacteria, oomycetes, fungi, and archaea. You will develop skills in evaluating how molecular, ecological, biochemical and synthetic community approaches contribute to our understanding of microorganisms and their myriad interactions.

P: Subject to approval of the Head of School.

R: BIOL493

RP: At least one of BIOL313, BIOL332-335, BIOL352, BIOL455, BIOL460, and/or BCHM305.

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

BIOL456-22S2 (C) Semester 2**BIOL457 Macromolecular Evolution & Engineering**

15 Points 0.1250 EFTS

The primary goal of this course is to assist student development as scholars and advance their research skills in fields of science that use molecular evolution and molecular design (i.e. synthetic biology) to address a wide diversity of biological questions and problems. The course focuses on the critical evaluation of scientific methodology and how such methodology can be applied to engineer new biomolecules.

P: Subject to approval of the Head of School.

RP: BIOL331/BCHM301 (Biochemistry 3) and/or Protein Science (BIOL435/BCHM403), which is designed to be a compatible course run in S1. In addition, one from the following is highly recommended: BIOL313 (Microbiology) or BIOL333 (Molecular Genetics) (or equivalent, as determined by course co-ordinator).

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

BIOL457-22S2 (C) Semester 2

Biosecurity

BIOL459 Genomics

15 Points 0.1250 EFTS

Students taking this course will develop a deep knowledge in a current area of genome biology and evolution. Students will get to grips with the latest research in this fast moving field, read deeply on a chosen topic, and develop strong critical thinking, writing and debating skills.

P: Subject to approval of the Head of School.

R: BIOL430/BCHM406/BCHM459

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

BIOL459-22S2 (C) Semester 2

BIOL460 Molecular Biology

15 Points 0.1250 EFTS

Molecular biology comprises a suite of tools and approaches for understanding the structure and function of DNA, RNA and proteins. The primary goal of this course is to assist the development of scholars with advanced technical skills in molecular biology who can use these tools to infer evolutionary and functional relationships.

P: Subject to approval of the Head of School.

R: BIOL434/BCHM405

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

BIOL460-22S1 (C) Semester 1

BIOL461 Protein Science

15 Points 0.1250 EFTS

An advanced treatment of protein science, covering structure, function, applications, and the inter-relationships between these.

P: Subject to approval of the Head of School.

R: BIOL435/BCHM403

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

BIOL461-22S1 (C) Semester 1

BIOL462 Medical Biochemistry

15 Points 0.1250 EFTS

The primary goal of this course is to assist student development as scholars and advance their knowledge and literature research skills in the field of Medical Biochemistry. This course will exam broad topics of medical interest where biochemical techniques have been used to examine the basis of human pathological process. The course will examine topic areas of medical research using recent peer reviewed publications. The course focuses on the critical evaluation of the research literature and evaluation of competing theories on the mechanism of selected disease pathologies.

P: Subject to approval of the Head of School.

R: BIOL436/BCHM401

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

BIOL462-22S2 (C) Semester 2

BIOL463 Cell Biology

15 Points 0.1250 EFTS

A critical examination of recent advances in cell biology with emphasis on cell signalling, the cytoskeleton, cell junctions and the nucleus. The focus ranges from fundamental cellular and molecular biology to consideration of cellular mechanisms within the context of physiological or pathological processes.

P: Subject to approval of the Head of School.

R: BIOL432

RP: Recommended preparatory course BIOL351 or BIOL331/BCHM301

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

BIOL463-22S1 (C) Semester 1

BIOL480 Project

30 Points 0.2500 EFTS

A written report on a research project approved by the Head of School of Biological Sciences. The report must be completed and presented by the due date in the year in which the student presents the courses selected from BIOL401 - BIOL493 (refer to degree schedule).

P: Subject to the approval of Head of School

Domestic Fee: \$2,043 (2021)

International Fee: \$10,000 (2021)

BIOL480-22W (C) Whole Year (S1 and S2)

BIOL481 Environmental Animal Physiology

15 Points 0.1250 EFTS

Physiological adaptations that allow animal life to survive in diverse environments. The course will look at the strengths and weaknesses of the comparative approach and its relationship to phylogeny. Topics that may be addressed include osmoregulatory physiology and water balance, thermoregulation, metabolic rates, exercise and cardiovascular physiology.

P: Subject to approval of the Head of School.

R: BIOL451

RP: BIOL354

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

BIOL481-22S2 (C) Semester 2

BIOL496 Plant Developmental Biology and Biotechnology

15 Points 0.1250 EFTS

To examine recent advances in plant biology research and, where appropriate, the implications of this research for biotechnological applications. Seminar topics may include any aspect of plant development and plant response to its biotic and abiotic environment.

P: Subject to approval of the Head of School.

R: BIOL491

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

BIOL496-22S2 (C) Semester 2

BIOL690 MSc Thesis

120 Points 1.0000 EFTS

P: Subject to the approval of Head of School

Domestic Fee: \$8,172 (2021)

International Fee: \$40,000 (2021)

BIOL690-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval.

BIOL790 PhD Thesis

120 Points 1.0000 EFTS

P: Subject to approval of Head of School.

Domestic Fee: \$8,172 (2021)

International Fee: \$40,000 (2021)

BIOL790-22A (C) Starts Anytime

*Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Biosecurity

Te Kura Pūtaiao Koiora | School of Biological Sciences

BIOS201 Issues in New Zealand Biosecurity

15 Points 0.1250 EFTS

This course will establish a scientific, legal and practical definition of biosecurity and pursue the ramifications of breaches to the systems in place to protect New Zealand from such affronts to our security.

P: 60 points at 100-level

R: BIOS101

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

BIOS201-22S2 (C) Semester 2

Limited entry. See limitation of entry regulations.

Biotechnology

Te Kura Pūtaiao Koiora | School of Biological Sciences

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

BIOT480 Project

30 Points 0.2500 EFTS

A written report on a research project approved by the Head of Department. The report must be completed and presented to the Registrar by 1 November in the year in which the student presents the courses selected from BIOL401-493 (refer to degree schedule).

P: Subject to approval of the Head of Department

Domestic Fee: \$2,168 (2021)

International Fee: \$10,000 (2021)

BIOT480-22W (C) Whole Year (S1 and S2)

BIOT690 MSc Thesis
120 Points 1.0000 EFTS
P: Subject to approval of the Head of School.
Domestic Fee: \$8,172 (2021)
International Fee: \$40,000 (2021)
BIOT690-22A (C) Starts Anytime
Part-time enrolment (0.65 EFTS) is available on approval.

BIOT790 Biotechnology PhD
120 Points 1.0000 EFTS
P: Subject to approval of the Head of School.
Domestic Fee: \$8,172 (2021)
International Fee: \$40,000 (2021)
BIOT790-22A (C) Starts Anytime
*Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Business

Te Kura Umanga | UC Business School

BSNS201 Business and Culture
15 Points 0.1250 EFTS
In this course, students will reflect on their own participation in multiple cultural forms: ethnic, occupational, gendered, national, digital, global, temporal etc. They will hear from academics and practitioners about their experiences of culture and their advice on how to engage with cultures. Students will learn how to build connections with people in ways which respect cultural traditions and allow for reciprocal, mutually beneficial relationships to develop in their future occupations and workplaces.
P: Any 60 points.
RP: ACCT102, ECON104, MGMT100
Domestic Fee: \$845 (2021)
International Fee: \$3,975 (2021)
BSNS201-22S1 (C) Semester 1
BSNS201-22S2 (C) Semester 2

BSNS299 UC Employability Portfolio
0 Points 0.0000 EFTS
The UC Employability Portfolio provides students with formal recognition of activities that increase their employability and their engagement with the community.
P: Any 180 points. Must be enrolled in the BCom.
Domestic Fee: \$0 (2021)
International Fee: \$0 (2021)
BSNS299-22S1 (C) Semester 1
BSNS299-22S2 (C) Semester 2

Business Administration

MBA Programme

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

MBAD601 Managerial Accounting
10 Points 0.0833 EFTS
Not offered in 2022
The course focuses on the generation and interpretation of published financial statements as well as the use of financial information for managerial planning and control purposes.
P: Subject to approval of the MBA Director
Special MBA fee also applies.

MBAD604 Business Economics
10 Points 0.0833 EFTS
Not offered in 2022
Economics is the study of the choices people make and how they interact with others in the allocation and use of scarce resources. By applying economic principles to everyday real life you will gain some idea of what it means to "think like an economist". The emphasis is on using the lens of economics to explain what we observe around us. You will find that economics is all around you - not just in the world of business but in the whole world.
P: Subject to approval of the MBA Director
Special MBA fee also applies.

MBAD605 Managing People and Performance
10 Points 0.0833 EFTS
Not offered in 2022
The effective management of people and the sustainability of human capital are major leadership responsibilities. This course provides a guide to this challenging area of leadership and aims to help you apply basic human resource management (HRM) principles and techniques in ways that are both organisationally relevant and topical.
P: Subject to approval of the Head of Department.
Special MBA fee also applies.

MBAD606 Marketing Principles
10 Points 0.0833 EFTS
The core of this course revolves around marketing planning and strategic decision making. It will delve deeper into key emerging topics of the marketing environment. Lectures and discussions introduce students to the concepts underlying market opportunity analysis and the development, implementation and control of strategic marketing programmes. .
P: Subject to approval of the MBA Director
Domestic Fee: \$1,643 (2021)
International Fee: \$3,024 (2021)
MBAD606-22T1 (C) 14 Feb 2022 - 08 May 2022
Special MBA fee also applies.

MBAD611 Managerial Finance
10 Points 0.0833 EFTS
Not offered in 2022
The course focuses on understanding the purpose and tasks undertaken by finance and treasury managers in organisations. It looks at the ways organisations raise and utilise funding and provides the tools necessary to assess the potential and existing performance of projects and investments through an understanding of the time value of money. It also takes a detailed look at how organisations manage financial risk. In addition, the course examines returns on investments, the financial markets, derivatives and international capital flows.
P: Subject to approval of the MBA Director
Special MBA fee also applies.

MBAD612 Operations Management
10 Points 0.0833 EFTS
Not offered in 2022
As global competition in both manufacturing and services increases, operations can be a significant source of competitive advantage for a firm. This course exposes students to a range of concepts, tools and techniques for creating value in the design, direction and control of processes that transform inputs into products and/or services. The topics include: operations strategy, forecasting, capacity, design of processes and supply chain management
P: Subject to approval of the MBA Director
Special MBA fee also applies.

MBAD615 Leading Ourselves
10 Points 0.0833 EFTS
Not offered in 2022
This course will assist you to analyse complex organisational behaviour topics at individual, group and organisational levels. The course is focused on accurate problem analysis as well as the leadership skills required to intervene effectively in complex organisational systems.
P: Subject to approval of the MBA Director
Special MBA fee also applies.

MBAD631 Innovative Business Strategy
10 Points 0.0833 EFTS
Not offered in 2022
This is an application-focused course detailing contemporary approaches to strategy analysis and formulation that help businesses sustain an innovative orientation and respond to external challenges. The course regards strategy from its fundamental roots in the Greek "strategos" and emphasises the fundamental objective to build advantage or ensure survival. It shows that strategy is a highly iterative process of analysis, choice and action that impacts on the key result areas that are needed to achieve the organisation's objectives. The nexus between strategy and innovation is emphasised where strategy is the "how" and innovation supplies the "what".
P: Subject to approval of the MBA Director
Special MBA fee also applies.

MBAD632 Strategy and International Business
10 Points 0.0833 EFTS
Not offered in 2022
This course introduces you to major contemporary issues and debates concerning developing and implementing strategy in an increasingly global environment. The Strategy & IB course is important to everyone with a sense of adventure and curiosity about the wider business world: not only those aiming to work overseas in large corporates, but also those in smaller and domestic organisations – since all economies and businesses are globally interconnected.
P: Subject to approval of the MBA Director
Special MBA fee also applies.

MBAD642 Leading Others

10 Points 0.0833 EFTS

Not offered in 2022

Provides participants with the theory and practical tools to help you build high performing teams. You will learn to identify the stages of team development and what tools you can use to move a team through each of those stages successfully. You will also explore your own personality in the context of communication and team leadership, and you will use the FIRO-B instrument to understand how the personality mix in any team influences its group dynamics. The course concludes with a highly interactive one-day team simulation where you can practice your new knowledge and skills.

P: Subject to approval of the MBA Director

*Special MBA fee also applies.***MBAD643 Leading Change**

10 Points 0.0833 EFTS

Not offered in 2022

This course will give you an insight into the excitement and challenge associated with introducing and leading change, especially strategic change, in organisations. The course is based on Associate Professor Nilakant's change management model that views change management as addressing four complex tasks: a. appreciating change, b. mobilising support, c. executing change, and d. building change capability.

P: Subject to approval of the MBA Director

*Special MBA fee also applies.***MBAD644 Interpersonal Skills for Leaders**

10 Points 0.0833 EFTS

Not offered in 2022

This three-day block course is a highly experiential learning experience that will challenge you to re-look at the way you lead. Based on the T-Group methodology used on the Stanford University MBA programme you will have the opportunity to identify and practice new leadership behaviours, while gaining increased awareness of your blind-spots and strengths. You will receive extensive feedback on your leadership style, and importantly you will learn how to change your behaviour once you know what it is you want to change.

P: Subject to approval of the MBA Director

*Special MBA fee also applies.***MBAD645 Special Topic**

10 Points 0.0833 EFTS

Not offered in 2022

P: Subject to approval of the MBA Director

*Special MBA fee also applies.***MBAD647 Marketing Research**

10 Points 0.0833 EFTS

Not offered in 2022

P: Subject to approval of the MBA Director

*Special MBA fee also applies.***MBAD652 Project Management**

10 Points 0.0833 EFTS

Not offered in 2022

Organisational project management (i.e. Portfolio, program and project management) has significant relevance for the entire MBA curriculum, as the successful management of portfolios, programs and projects, either within a functional area or on a broader scale, is an important competency for managers and essential for organisational strategic success. The course will be based on the international project management frameworks and standards including ISO, Portfolio, Project and Project Management frameworks including information contained in the Guide to the Project Management Body of Knowledge (The PMBOK® Guide) many of which overlap with over subjects within the MBA programme. The course is useful for all students who will be completing projects, managing project managers or in senior management positions making decisions about the strategic alignment of projects

P: Subject to approval of the MBA Director

*Special MBA fee also applies.***MBAD653 Negotiating Business Development Across Cultures**

10 Points 0.0833 EFTS

This course explores a framework for international contract negotiation and includes business strategy, management psychology, legal, intellectual property, marketing and supply chain

P: Subject to approval of the MBA Director

Domestic Fee: \$1,643 (2021)

International Fee: \$3,024 (2021)

MBAD653-22T3 (C) 05 Sep 2022 - 27 Nov 2022*Special MBA fee also applies.***MBAD654 Entrepreneurship and Small Business**

10 Points 0.0833 EFTS

Not offered in 2022

The decision to start business is made hundreds of time each week in New Zealand. In terms of frequency, it is followed by the decision to close a small business. Internationally, New Zealand has a relatively high rate of business start-up, but relatively few of these grow into significant companies. The aim of this course is to develop some practical understanding of the opportunities and problems associated with the start-up and subsequent development of small businesses. The material should be directly relevant to those already in their own (or family) business, or who are seriously thinking of starting one. (Note that the compulsory business plan may be based on a development within an existing business.) It will also be useful for people whose careers will involve dealing with small businesses as customers, clients, suppliers, or employers.

P: Subject to approval of the MBA Director

*Special MBA fee also applies.***MBAD658 Business Law**

10 Points 0.0833 EFTS

Not offered in 2022

The course will give participants an overview of selected areas of contract, business and employment law as well as taxation relevant to the business environment.

P: Subject to approval of the MBA Director

*Special MBA fee also applies.***MBAD661 Corporate Governance**

10 Points 0.0833 EFTS

Not offered in 2022

This course will cover the following topics: what is corporate governance, the role of boards in strategy creation and financial management, the duties and liabilities of directors, board dynamics and culture, managing corporate risk.

P: Subject to approval of the MBA Director

*Special MBA fee also applies.***MBAD662 Special Topic**

10 Points 0.0833 EFTS

Not offered in 2022

P: Subject to approval of the MBA Director

*Special MBA fee also applies.***MBAD663 Leading Sustainable Enterprises**

10 Points 0.0833 EFTS

Not offered in 2022

This course will introduce a strategic planning framework based on whole systems thinking that allows organisations to understand the 'rules of the game' for long term success on a finite planet, use that understanding to develop an inspiring vision of what their company will look like when it is sustainable, then assess current realities against this vision and design a strategy to fill the gap.

P: Subject to approval of the MBA Director

*Special MBA fee also applies.***MBAD664 Leading Resilient Enterprises**

10 Points 0.0833 EFTS

Not offered in 2022

This course aims to equip students with research-based knowledge to understand and enhance organizational resilience. It will provide them with evidence-based best practices and tools to develop resilience in an organization. The course includes theory/concepts associated with resilience and also practical cases to translate the theory and concepts into action.

P: Subject to approval of the MBA Director

*Special MBA fee also applies.***MBAD665 Special Topic**

10 Points 0.0833 EFTS

Not offered in 2022

P: Subject to approval of the MBA Director

*Special MBA fee also applies.***MBAD666 Innovation in Business**

10 Points 0.0833 EFTS

Not offered in 2022

This course will provide you with a fundamental awareness and understanding of the role that innovation plays in the business, as well as the constructs of innovation that need to be understood. This will equip you with the understanding and skills to define, manage and apply the needed actions that will take innovation beyond an abstract concept. Innovation will provide you with the "what" that will be used in the "how" of your strategy so that action may actually lead to advantage.

P: Subject to approval of the MBA Director

Special MBA fee also applies.

MBAD667 Special Topic

10 Points 0.0833 EFTS

Not offered in 2022

P: Subject to approval of the MBA Director

*Special MBA fee also applies.***MBAD669 Design Thinking**

10 Points 0.0833 EFTS

Not offered in 2022

The course encourages students to challenge traditional problem solving models and established ways of thinking to better understand stakeholders, reflect on real opportunities, test a number of potential solutions and be able to select the best ones. The purpose of Design Thinking is to enable students to become more effective at solving real world problems with better and faster results that are relevant in dynamic environments. The course uses evidence-based best practices and tools to approach and resolve multi-faceted problems and opportunities in organizations.

P: Subject to approval of the MBA Director

MBAD670 Special Topic

10 Points 0.0833 EFTS

Not offered in 2022

P: Subject to approval of the MBA Director

MBAD671 Special Topic: International Strategy in Asia

10 Points 0.0833 EFTS

Not offered in 2022

This course centres on a study tour of approximately one week in Asia, namely Vietnam. Students will have the opportunity to observe first-hand from companies and academics in Vietnam the character, opportunities and challenges in engaging in business in this emerging context.

P: Subject to approval of the MBA Director

*Special MBA fee also applies.***MBAD672 Leading Collaborative Partnerships**

10 Points 0.0833 EFTS

Not offered in 2022

This course aims to equip students to lead and evaluate collaborative partnerships, which enhance the outcomes for the organisation / sector they serve. Through a combination of literature review, guided investigation, expert input and application to their own current work students will gain competence in initiating, sustaining and evaluating effective cross organisation / sector partnerships. The course includes theory/concepts associated with cultivating collective leadership beyond organisational and sectorial boundaries; network leadership skills to design and facilitate integrated social services and cross sector projects; and practical cases to translate the theory and concepts into action.

P: Subject to approval of the MBA Director

*Special MBA fee also applies.***MBAD673 Special Topic**

10 Points 0.0833 EFTS

Not offered in 2022

P: Subject to approval of the MBA Director

*Special MBA fee also applies.***MBAD674 Special Topic**

10 Points 0.0833 EFTS

Not offered in 2022

P: Subject to approval of the MBA Director

*Special MBA fee also applies.***MBAD675 Special Topic**

10 Points 0.0833 EFTS

Not offered in 2022

P: Subject to approval of the MBA Director

*Special MBA fee also applies.***MBAD677 Special Topic**

10 Points 0.0833 EFTS

Not offered in 2022

P: Subject to approval of the MBA Director

*Special MBA fee also applies.***MBAD678 Special Topic**

10 Points 0.0833 EFTS

Not offered in 2022

P: Subject to approval of the MBA Director

*Special MBA fee also applies.***MBAD679 Business Research Methods**

10 Points 0.0833 EFTS

Not offered in 2022

This course covers all stages of empirical business research processes and methods, including conceptualisation, design and measurement, and collecting, analysing, interpreting and presenting data. The goal of the course is for you to acquire the abilities and understandings to design and critically assess business research as well as to design and carry out your own MBA project.

P: Subject to approval of the MBA Director

*Special MBA fee also applies.***MBAD680 MBA Project (6 courses)**

60 Points 0.5000 EFTS

Not offered in 2022

P: Subject to approval of the MBA Director

The MBA project shall normally be submitted no later than 30 April of the year in which a full-time student first enrolls in the project and 15 August of the year in which a part-time student first enrolls in the project. In special circumstances the Programme Director may approve a different submission date.

MBAM601 Digital Transformation and Technology Preparedness

15 Points 0.1250 EFTS

The course embodies the growing need for organisations to embrace a change oriented culture - with a heightened focus on organisational digital maturity in its processes, products/services, business models and its people. In doing so, the organisation's digital strategy must integrate a range of technologies that support a breadth of functions ultimately offering a superior user/customer experience. The course will explore and provide hands-on opportunities, in collaboration with industry, for participants to engage with technologies such as blockchain, IoT, AI etc. Furthermore, to be able to influence, participants will also familiarise themselves with the strategic use of business cases and risk assessment.

P: Subject to approval of the MBA Director.

Domestic Fee: \$3,085 (2021)

International Fee: \$4,538 (2021)

MBAM601-22T3 (C) 29 Aug 2022 - 20 Nov 2022*Special MBA fee also applies.***MBAM602 Economic Uncertainty and Organisational Agility**

15 Points 0.1250 EFTS

This course will introduce you to a range of economic and change principles, which on application to everyday real life scenarios will help you gain insights to prepare for and drive organisational change. You will be able to use the tools of economics to understand why people do what they do - tools like supply and demand will help explain the behaviour of people, firms, governments, countries and markets. The course will also focus on externalities relating to geopolitics, markets, technologies with a view to assessing how (successful) businesses / organisations deal with risk, uncertainty and shocks. In doing so, the course will expose you to tools to evaluate agility in organisational strategies.

P: Subject to approval of the MBA Director.

Domestic Fee: \$3,085 (2021)

International Fee: \$4,538 (2021)

MBAM602-22T2 (C) 23 May 2022 - 14 Aug 2022*Special MBA fee also applies.***MBAM603 Innovation by Design**

15 Points 0.1250 EFTS

Design Thinking is a people centric, collaborative, optimistic and experimental way of working to drive innovation and create customer value. It is a pragmatic approach that aims to nurture deep curiosity about an issue, unleash creativity in how to approach it, and ensure clarity when it comes to implementing solutions. In these sessions we introduce a process that can be used to approach problems with this new perspective. We work with a lot of new tools and techniques that will help teams collaborate in more creative ways. And we use these to address live business/organisational issues to show how this method can be practically applied.

P: Subject to approval of the MBA Director.

Domestic Fee: \$3,085 (2021)

International Fee: \$4,538 (2021)

MBAM603-22T1 (C) 14 Feb 2022 - 08 May 2022*Special MBA fee also applies.*

MBAM604 Data Informed Strategy

15 Points 0.1250 EFTS

The fourth industrial revolution relates to advancements in technology, automation, and data acquisition and processing capabilities. In this course, we focus on the latter: we discuss accounting and non-accounting data and how these can be acquired, processed and analysed. We will also discuss the underlying assumptions, conditions and limitations of data generating processes and selected data analysis methods. These issues are explored within case studies taken from different academic research lines and industry sectors. Participants in this course have the opportunity to up-skill their capabilities in financial analysis and complex systems modelling. The insights obtained are useful in strategic decision-making and real options (e) valuation.

P: Subject to approval of the MBA Director.

Domestic Fee: \$3,085 (2021)

International Fee: \$4,538 (2021)

MBAM604-22T3 (C) 29 Aug 2022 - 20 Nov 2022*Special MBA fee also applies.***MBAM605 Creating impact led enterprises**

15 Points 0.1250 EFTS

This course works through comprehensive insights on the conceptual and empirical issues that link organisational practice with the ability to sustain. Beyond creating customer and shareholder value, organisations are increasingly being viewed through the lens of social and environmental impacts. What are the links to CSR? How do organisations manage sustainability trade-offs? What role does technology play in the context of a sustainable enterprise? These are some questions that will drive the focus of this course.

P: Subject to approval of the MBA Director.

Domestic Fee: \$3,085 (2021)

International Fee: \$4,538 (2021)

MBAM605-22T1 (C) 14 Feb 2022 - 08 May 2022*Special MBA fee also applies.***MBAM606 Societies in Smart Cities**

15 Points 0.1250 EFTS

Not offered in 2022

The OECD in its Transformation for Public Value report suggest that cities are the first to react to transformational shifts that citizens go through. Quality of life for the city's residents should intertwine with organisational purpose and impact. Amazon's experience of pitting 20 cities against each other to bid for its second HQ followed by the community backlash when it selected New York City is a case in point. So, how do organisations respond? What data would organisations need to harness and how can this inform organisational strategies? Societies in Smart Cities extends the deliberation of smart cities to comprehend how the related technological innovations create value and impact on society.

P: Subject to approval of the MBA Director.

*Special MBA fee also applies.***MBAM610 Agile and Innovation-driven Leadership**

15 Points 0.1250 EFTS

Contemporary leaders need capabilities and mindsets for creating organisational cultures that are agile and maximise ability, in order to overcome challenges, seize opportunities, and create new value. These leaders shape and develop teams with high engagement, collaboration, shared learning, creativity, resilience and innovation. This course provides leadership development and self-awareness through a blend of practice-related activities, personal assessments, reflection, reading, discussion, and input from practising leaders. The goal is to promote leadership skills, critical thinking, and self-awareness that will equip participants for an ongoing journey of growth and development as reflective contemporary leaders. This course is delivered across three terms of the MBA.

P: Subject to approval of the MBA Director.

Domestic Fee: \$3,085 (2021)

International Fee: \$4,538 (2021)

MBAM610-22X (C) 28 Feb 2022 - 27 Nov 2022*Special MBA fee also applies.***MBAM613 Societies in Smart Cities**

10 Points 0.0830 EFTS

The Organisation for Economic Cooperation and Development (OECD) in its recent Transformation for Public Value report points out that cities are the first to react to transformational shifts that citizens go through. These changes can range anywhere from climate change, migration, healthcare, technological, social or economic. Quality of life for the city's residents should intertwine with organisational purpose and impact. Amazon's experience of pitting 20 cities against each other to bid for its second HQ followed by the community backlash when it selected New York City is a case in point. So, how do organisations respond? What data would organisations need to gather, harness and how can this inform organisational strategies? Societies in Smart Cities extends the deliberation of smart cities moving beyond the discussion of connected infrastructure and technology to better comprehend value and impact on society.

P: Subject to the approval of the Programme Director

R: MBAM606

Domestic Fee: \$2,048 (2021)

International Fee: \$3,013 (2021)

MBAM613-22T2 (C) 23 May 2022 - 14 Aug 2022**MBAM614 Business Research Methods**

5 Points 0.0417 EFTS

This course aims to prepare MBA students to undertake a business research consulting project. Students will be exposed to relevant business research methods that are most likely to be adopted for systematic data collection processes, inclusive of various methods of recording, analysing and interpreting data. Additionally, this course assists students in identifying the scope of their research projects based on information required to address a specific business problem. The course eventuates in a draft proposal for MBAM 680. It is intended that this course is taken towards the end of the degree's workload just prior to commencing MBAM680.

P: 90 points from MBAM601, MBAM602, MBAM603, MBAM604, MBAM605, MBAM606, MBAM610, MBAM613, MBAM615, MBAM620

Domestic Fee: \$1,029 (2021)

International Fee: \$1,514 (2021)

MBAM614-22T1 (C) 14 Feb 2022 - 08 May 2022**MBAM614-22T2 (C)** 23 May 2022 - 14 Aug 2022**MBAM614-22T3 (C)** 29 Aug 2022 - 20 Nov 2022**MBAM615 Managerial Finance**

15 Points 0.1250 EFTS

The course will provide students with a framework necessary to understand how important financial decisions are determined within a corporation. It will explore how the analysis of a range of financial information is used to gain insights and enhance managerial decision-making. The course will also examine how value is created for shareholders and other stakeholders in a firm through investment and financing decisions. It will look at the ways organisations raise capital, and assess the performance of projects and investments. Finally, the course will emphasise cases for good corporate governance practice rather than looking at it as simply a compliance to law issue. The course blends theoretical aspects of managerial finance with case discussions. The emphasis of the course will be on applying the financial concepts, tools and techniques to solve real-world problems. Some working knowledge of Microsoft Excel will be useful for this course.

P: Subject to the approval of the MBA Director

Domestic Fee: \$3,085 (2021)

International Fee: \$4,538 (2021)

MBAM615-22T2 (C) 23 May 2022 - 14 Aug 2022**MBAM620 Creative Challenge**

15 Points 0.1250 EFTS

This course on Creative Challenge has been curated in the program to offer participants an opportunity to push the boundaries and challenge their own status quo by establishing a stretch goal, planning an intervention to address the challenge and working to execute it. It is imperative in designing the performance metrics or rubrics that participants incorporate a 50% likelihood that they will NOT achieve the intended goal. This will ensure the true nature of 'stretch' and 'growth'. Participants will largely be self-directed in executing the plan but will have access to guidance of a coach, industry or academic mentor.

P: MBAM 603

Domestic Fee: \$3,085 (2021)

International Fee: \$4,538 (2021)

MBAM620-22X1 (C)**MBAM620-22X2 (C)***Special MBA fee also applies.***MBAM680 Consulting Project**

45 Points 0.3750 EFTS

This course involves working with an organisation to address a practical issue of strategic importance. This course will be undertaken by participants on completion of the core courses in the program. Working through a real challenge (e.g. digital, data, innovation, strategy, or similar) the participant will need to create informed-solutions to the problem. Typical of many projects a list of recommendations or proposed next steps generally evolve. The nature of this course requires that the participant, in consultation with the organisation, implement at least one of the proposed recommendations. If deemed appropriate, a scenario implementation will be accepted.

P: MBAM601, MBAM602, MBAM603, MBAM604, MBAM605, MBAM610, MBAM614, MBAM615,

MBAM620 and approval of the MBA Director.

Domestic Fee: \$9,254 (2021)

International Fee: \$13,613 (2021)

MBAM680-22A (C) Starts Anytime*Special MBA fee also applies.*

Business Information Systems

Business Taught Masters Programme

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

MBIS601 Management of Information Systems

15 Points 0.1250 EFTS

This course introduces key principles, concepts, and theories related to the management and use of Information Systems to support organisational aims. The course covers information technology concepts, IS and business strategy, IS applications, IS acquisition, governance, IS evaluation, IS and biculturalism.

R: INFO243, INFO343

Domestic Fee: \$1,252 (2021)

International Fee: \$3,975 (2021)

MBIS601-22S1 (C) Semester 1

MBIS602 Systems Analysis and Process Modelling

15 Points 0.1250 EFTS

Not offered in 2022

This course covers key concepts, processes, tools, techniques, and frameworks used to analyse and specify the design of information systems, business process and data modelling, the role and responsibilities of the systems analysts, and challenges of IS development.

R: INFO223

MBIS603 Digital Business and Technology

15 Points 0.1250 EFTS

Not offered in 2022

This course covers key concepts, principles and frameworks related to digital business strategy and implementation including Business-to-Consumer and Business-to-Business eCommerce and technology infrastructure needed to support these systems. This course explores ethical, legal, and societal issues relating to internet technology use by organisations.

R: INFO253

MBIS621 Project Management

15 Points 0.1250 EFTS

Not offered in 2022

This course covers core principles, tools, and techniques for successful IT project management, the role and responsibilities of a project manager and challenges of IT project management.

R: INFO393

MBIS622 IS Security and Risk Management

15 Points 0.1250 EFTS

Not offered in 2022

This course examines how organisations manage risk and eSecurity associated with their information systems. Topics include management, analysis and application of secure e-Business systems including security policy and network management.

R: INFO333

MBIS623 Data Management

15 Points 0.1250 EFTS

This course introduces students to a range of topics that underpin the successful use and management of databases in contemporary organisations. The course exposes the students to associated real life issues related to data management and database management systems.

R: INFO260

Domestic Fee: \$1,252 (2021)

International Fee: \$3,975 (2021)

MBIS623-22S1 (C) Semester 1

MBIS623-22S1 (D) Semester 1

MBIS624 Business Intelligence in Organisations

15 Points 0.1250 EFTS

Not offered in 2022

This course covers key aspects related to business intelligence (BI) systems and technologies and their application in organisations. The course also covers topics in data warehousing, predictive analytics, data visualisation, data mining (including text and web mining), and emerging trends in BI.

R: INFO361

MBIS673 Applied IS Project

30 Points 0.2500 EFTS

Not offered in 2022

This course focuses on identification and investigation of a real world problem (or opportunity)

impacting individuals, organizations and/or the wider society. It provides an opportunity to develop and apply advanced analytical, theoretical and practically relevant business and information-systems related insight and competencies that can address the problem.

P: (1) MBAZ 604; and (2) 30 points from MBIS

MBIS680 Research Project

45 Points 0.3750 EFTS

Not offered in 2022

This course will provide advanced analytical, theoretical and practically applied business and information-systems related insight and competencies in the areas relevant to the learning objectives of the programme.

P: Subject to approval of the Head of Department

MBIS691 Information Systems Internship

30 Points 0.2500 EFTS

Not offered in 2022

The internship aims to provide exposure to challenges faced by an organisation through experiential learning. This will reinforce and develop knowledge from other MBIS and graduate courses by providing students with an opportunity to apply IS theory to practice. The internship aims to foster the further development of knowledge and/or expertise in relation to information systems, as well as problem solving, risk management, project management, and reflection and communication skills.

P: (1) 45 points from MBIS621, MBIS622, MBIS623, MBIS624; (2) Subject to the permission of the Programme Director.

Business Management

Business Taught Masters Programme

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

MBAZ601 Accounting for Managers

15 Points 0.1250 EFTS

The generation, analysis and interpretation of financial statements as well as the use of financial information for internal and external decision-making.

Domestic Fee: \$1,252 (2021)

International Fee: \$3,975 (2021)

MBAZ601-22T1 (C) 31 Jan 2022 - 24 Apr 2022

MBAZ601-22T3 (C) 29 Aug 2022 - 20 Nov 2022

MBAZ601-22T3 (D) 29 Aug 2022 - 20 Nov 2022

MBAZ602 Business Economics

15 Points 0.1250 EFTS

This course introduces and applies economic principles, concepts and ways of thinking. The focus is on using the lens of economics to view the world. By doing this we gain insight and understanding into people, organisations and issues that matter to society.

Domestic Fee: \$1,252 (2021)

International Fee: \$3,975 (2021)

MBAZ602-22T1 (C) 31 Jan 2022 - 24 Apr 2022

MBAZ602-22T3 (C) 29 Aug 2022 - 20 Nov 2022

MBAZ602-22T3 (D) 29 Aug 2022 - 20 Nov 2022

MBAZ603 Managerial Finance

15 Points 0.1250 EFTS

The application of financial techniques, tools and principles needed to assess the performance of projects and organisations and consider the economic viability of their ongoing success. A consideration of financial risk management and the process required to minimize such risks in different organisational settings.

R: FINC201; MBAM615

Domestic Fee: \$1,252 (2021)

International Fee: \$3,975 (2021)

MBAZ603-22T1 (C) 31 Jan 2022 - 24 Apr 2022

MBAZ603-22T1 (D) 31 Jan 2022 - 24 Apr 2022

MBAZ603-22T3 (C) 29 Aug 2022 - 20 Nov 2022

MBAZ604 Business Research Methods

15 Points 0.1250 EFTS

Business research methods including statistical and qualitative approaches are introduced.

Students will develop the knowledge and skills required to undertake academic and professional research in the field of business.

Domestic Fee: \$1,252 (2021)

International Fee: \$3,975 (2021)

MBAZ604-22T2 (C) 16 May 2022 - 07 Aug 2022

MBAZ605 Business Law

15 Points 0.1250 EFTS

Covering business law structures and regulations this course provides students with the insight, understanding and practical skills to develop strategic direction and solve business problems while effectively adhering to legal requirements.

R: ACCT252, ACCT256, LAWS203 & LAWS206

Domestic Fee: \$1,252 (2021)

International Fee: \$3,975 (2021)

MBAZ605-22T1 (C) 31 Jan 2022 - 24 Apr 2022**MBAZ605-22T3 (C)** 29 Aug 2022 - 20 Nov 2022**MBAZ671 Applied Marketing Project**

30 Points 0.2500 EFTS

The Applied Marketing Project is designed to provide applied research project based learning experiences within the Business Taught Masters programme. This course offers an overview of research process and select methods and their application in marketing. The course builds on the foundations of marketing (MBUS601) and deepens students' understanding of select research techniques. The course consists of in-class time and students' own research time. Students will be required to conduct, report on and present their own research as a professional practitioner would.

P: (1) MBUS601; and (2) MBAZ604

Domestic Fee: \$2,504 (2021)

International Fee: \$7,950 (2021)

MBAZ671-22T3 (C) 29 Aug 2022 - 20 Nov 2022**MBAZ672 Evidence Based Human Resource Management**

30 Points 0.2500 EFTS

This course is designed to develop the Evidence-based management (EBMgt) capability of students. EBMgt is the systematic, evidence-informed practice of management, incorporating scientific knowledge in the content and process of managerial decision making (Rousseau, 2012). We examine the practice of EBMgt within the context of contemporary issues in human resource management (HRM) such as the impact of HRM practices on business performance, key general principles in managing people, and managing people in dynamic and complex situations that are typical in today's global environment.

P: MBUS603, MBAZ604

Domestic Fee: \$2,504 (2021)

International Fee: \$7,950 (2021)

MBAZ672-22T3 (C) 29 Aug 2022 - 20 Nov 2022**MBAZ673 Innovation**

15 Points 0.1250 EFTS

This course is designed to expose students to innovation challenges faced by organisations through experiential learning. This will reinforce and develop knowledge from other postgraduate courses by providing students with the opportunity to apply concepts to innovation-centric problems.

P: (1) 60 points from MBAZ, MBUS, MPAC, MBIS, MFIN; or (2) 30 points from PROD at 600-level

Domestic Fee: \$1,252 (2021)

International Fee: \$3,975 (2021)

MBAZ673-22T3 (C) 29 Aug 2022 - 20 Nov 2022**MBAZ674 Critical Thinking and Problem Solving**

15 Points 0.1250 EFTS

Critical thinking is not negative thinking. Rather, it is careful thinking. This 12-weeks course teaches students a wide variety of tools for reasoning in both business context and daily life. It starts with some basic principles of logic-on what arguments are and how to evaluate them to see if they are rationally persuasive. The tools this course covers include Mill's methods, rules of inferences, and how to identify common fallacies of reasoning. The skills taught are highly valued in the business world, and include an enhanced ability to assess information and arguments critically and think independently about them. This is a course for every business student.

P: 60 points from MBAZ, MBUS, MPAC, MBIS, MFIN

Domestic Fee: \$1,252 (2021)

International Fee: \$3,975 (2021)

MBAZ674-22T1 (C) 31 Jan 2022 - 24 Apr 2022**MBAZ676 Evidence Based Sustainable Supply Chain Management**

30 Points 0.2500 EFTS

Not offered in 2022

We examine the practice of Evidence-based management within the context of contemporary issues in sustainable supply chain management such as the impact of sustainable supply chain practices on business performance, key general principles managing sustainable supply chain initiatives, and managing for sustainability in dynamic and complex situations that are typical in today's global business environment. The Supply Chain Operations Reference (SCOR) model will form the conceptual framework for applying and evaluating supply chain management practices beyond financial performance to also include environmental, social and cultural performance issue

P: MBUS645; and MBUS646; and MBAZ604

MBAZ680 Consultancy Project

45 Points 0.3750 EFTS

Provide advanced analytical, theoretical and practically applied business insight and competencies in the areas relevant to the learning objective of the programme.

P: Subject to the approval of the Programme Director

Domestic Fee: \$3,755 (2021)

International Fee: \$11,925 (2021)

MBAZ680-22A (C) Starts Anytime**MBAZ681 Placement**

45 Points 0.3750 EFTS

Exposure to challenges faced by organisation through experiential learning. This will reinforce and develop knowledge from other MBM or MPA courses by providing students with the opportunity to apply theories to practice. It will also further develop students' communication skills.

P: Subject to the approval of the Programme Director

Domestic Fee: \$3,755 (2021)

International Fee: \$11,925 (2021)

MBAZ681-22A (C) Starts Anytime**MBUS601 Marketing**

15 Points 0.1250 EFTS

Consideration of marketing theory and practice. Students will gain an advanced understanding of how marketing plans are developed and implemented.

R: MKTG201

Domestic Fee: \$1,252 (2021)

International Fee: \$3,975 (2021)

MBUS601-22T1 (C) 31 Jan 2022 - 24 Apr 2022**MBUS602 Leadership**

15 Points 0.1250 EFTS

To provide an in-depth understanding of leadership theories and their application to practice.

Domestic Fee: \$1,252 (2021)

International Fee: \$3,975 (2021)

MBUS602-22T2 (C) 16 May 2022 - 07 Aug 2022**MBUS603 Managing People and Performance**

15 Points 0.1250 EFTS

To provide an in-depth understanding of managing people and performance that is academically sound and professionally relevant.

R: MGMT207

Domestic Fee: \$1,252 (2021)

International Fee: \$3,975 (2021)

MBUS603-22T2 (C) 16 May 2022 - 07 Aug 2022**MBUS626 Digital Marketing**

15 Points 0.1250 EFTS

This course offers an advanced examination of marketing practices on the Internet. MBUS626 draws specific attention to the role of online, mobile, and social media marketing techniques on contemporary business practices. The course prepares students for using digital marketing platforms and decision making in the modern workplace. The course uses a combination of theoretical learning through traditional lecturing and hands on experience with online tools, such as Google Analytics. Concepts will be drawn from a variety of sources to help understand how the Internet can be used as not only a communication tool, but also a medium of exchange and engagement. Theories and concepts will be drawn from a variety of sources to aid in students' understanding of the role the Internet plays in organisations' marketing endeavours. The course extends the existing marketing offerings by going into far greater depth with online and digital media.

P: MBUS601

R: MKTG316

Domestic Fee: \$1,252 (2021)

International Fee: \$3,975 (2021)

MBUS626-22T2 (C) 16 May 2022 - 07 Aug 2022**MBUS627 Event Marketing and Management**

15 Points 0.1250 EFTS

This course provides concepts and skills for planning, organizing and marketing of events. The business of events is global and includes the notion of MICE (Meetings, Incentives, Conferences and Events). This course will specifically focus on understanding the event life cycle, beginning with the idea or theme of the event, up to assessing feasibility, bidding campaign, event and meeting planning, event and meeting management, event branding, use of media technologies for events and meetings, facility management, event sustainability and event legacy. This course has also a focus on the practice of organizing and hosting a meeting or event, and therefore has a strong applied component.

P: MBUS601

R: MKTG340

Domestic Fee: \$1,252 (2021)

International Fee: \$3,975 (2021)

MBUS627-22T2 (C) 16 May 2022 - 07 Aug 2022

MBUS643 Supply Chain Management Fundamentals

15 Points 0.1250 EFTS

Not offered in 2022

This course provides foundational supply chain concepts, basis analysis tools and decision-making models used in the design and operations of manufacturing and distribution systems across integrated supply chain systems. In addition to functional concepts across procurement, operations and logistics/distribution, students will be introduced to concepts of supply chain dynamics, risk and resilience, as well as relational management.

MBUS644 Principles of Business Sustainability

15 Points 0.1250 EFTS

Concurrent to supply chain fundamentals, this course provides foundational concepts for understanding sustainability from a business perspective. Systems concepts, incorporating both ecological and social domains are integrated into the dominant logics of business so as to create a conceptual framework for students moving forward in the supply chain degree. All subsequent courses will build on the sustainability foundation established in this course.

Domestic Fee: \$1,252 (2021)

International Fee: \$3,975 (2021)

MBUS644-22T1 (C) 31 Jan 2022 - 24 Apr 2022**MBUS645 Supply Chain Analytics**

15 Points 0.1250 EFTS

Not offered in 2022

Supply chains consist of multiple firms, often geographically dispersed, that exchange goods/services, information and which have various sustainability impacts. Analytical tools and techniques are fundamental to supply chain management in order to manage supply networks efficiently and in a sustainable manner. This course focuses on fundamental analytical methods and tools in supply chain management from a practical perspective as well as from sustainability perspective.

P: MBUS643 and MBUS644

MBUS646 Strategic Supply Chain Management for Sustainability

15 Points 0.1250 EFTS

Not offered in 2022

In today's business environment, organisations need to identify their competitive advantages and develop their operations and supply chain management capabilities accordingly, particularly with respect to organisational sustainability impacts. This course focuses on the understanding of broader concepts of supply chain management and strategy from perspectives important to supply chain management such as capacity, IT, collaboration, new product development and performance management. Sustainability is woven in throughout the course through cases, readings and discussion.

P: MBUS643 and MBUS644

MBUS650 Business Strategy

15 Points 0.1250 EFTS

A critical analysis of how organisations formulate, implement and change business strategy. Explores the principles and practices of strategic planning and management.

Domestic Fee: \$1,252 (2021)

International Fee: \$3,975 (2021)

MBUS650-22T3 (C) 29 Aug 2022 - 20 Nov 2022**MBUS651 Business Development and Entrepreneurship**

15 Points 0.1250 EFTS

A study of contemporary theory and practice in business development and entrepreneurship.

Domestic Fee: \$1,252 (2021)

International Fee: \$3,975 (2021)

MBUS651-22T2 (C) 16 May 2022 - 07 Aug 2022

Cellular and Molecular Biology

Te Kura Pūtaiao Koiora | School of Biological Sciences

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

CEMB480 Research Project

30 Points 0.2500 EFTS

A written report on a research project approved by the course Co-ordinator. The report must be completed and presented to the Registrar by the due date, as directed by the course Co-ordinator, in the year in which the student presents the courses chosen from BIOL430-432, BIOL434, BIOL437, BIOL491.

P: Subject to approval of the Head of School.

EQ: CEMB473

Domestic Fee: \$2,168 (2021)

International Fee: \$10,000 (2021)

CEMB480-22W (C) Whole Year (S1 and S2)**CEMB690 MSc Thesis**

120 Points 1.0000 EFTS

P: Subject to approval of the Head of School.

Domestic Fee: \$8,172 (2021)

International Fee: \$40,000 (2021)

CEMB690-22A (C) Starts Anytime*Part-time enrolment (0.65 EFTS) is available on approval.***CEMB790 Cellular and Molecular Biology PhD**

120 Points 1.0000 EFTS

P: Subject to approval of the Head of School.

Domestic Fee: \$8,172 (2021)

International Fee: \$40,000 (2021)

CEMB790-22A (C) Starts Anytime

*Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Chemical and Process Engineering

*Te Tari Pūhanga Tukanga Matū | Department of Chemical and Process Engineering***ENCH199 Workshop Training Course for Chemical and Process Engineering**

0 Points 0.0000 EFTS

Compulsory workshop training course for Chemical and Process Engineering students.

P: Subject to approval of the Dean of Engineering

Domestic Fee: \$0 (2021)

International Fee: \$0 (2021)

ENCH199-22W (C) Whole Year (S1 and S2)**ENCH241 Engineering Chemistry 2**

15 Points 0.1250 EFTS

Organic, inorganic, analytical and physical chemistry.

P: Subject to approval of the Dean of Engineering and Forestry.

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENCH241-22S2 (C) Semester 2**ENCH281 Principles Of Biology For Engineers**

15 Points 0.1250 EFTS

An introduction to biology, bioprocessing and biotechnology for engineers.

P: Subject to approval of the Dean of Engineering and Forestry.

R: BIOL 111 (BCHM 111)

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENCH281-22S2 (C) Semester 2**ENCH291 Mass and Energy Balances**

15 Points 0.1250 EFTS

Mass and energy balance calculations are the essential parts of the solution of many complex chemical engineering problems. They assist in the planning and design of processes, in the economic evaluation of the proposed and existing processes, in process control, and in process optimization. In this course, students will learn a systematic procedure for solving mass and energy balance problems including drawing and labelling for a flowchart, performing a degree-of-freedom analysis, making appropriate chemical engineering assumptions etc. Students will be able to analytically examine and predict the mass and energy balances around single or multiple unit operation(s) involving gases and liquids, recycle, bypass or purge streams with or without chemical reactions.

P: Subject to approval of the Dean of Engineering and Forestry.

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENCH291-22S1 (C) Semester 1**ENCH292 Heat and Mass Transfer Operations**

15 Points 0.1250 EFTS

An introduction to the physics of heat-transfer and mass-transfer that underpin process technologies. The course is taught using a first principles basis to explain the underpinning concepts relevant to heat and mass transfer, and to illustrate similarities and differences between these processes. Examples from every day situations, as well as chemical engineering applications, are used to clarify the concepts taught in class.

P: Subject to approval of the Dean of Engineering and Forestry.

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENCH292-22S2 (C) Semester 2

ENCH293 Fluid Mechanics 1

15 Points 0.1250 EFTS

This course will provide a basic understanding of the behaviour of fluids on the macro- and micro- scale, where students are able to design pipe and pumping systems for single-phase fluids. There will also be unit conversion, dimensional analysis, and scale-up.

P: Subject to approval of the Dean of Engineering and Forestry.

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENCH293-22S1 (C) Semester 1

ENCH295 Chemical Engineering Professional Practice

15 Points 0.1250 EFTS

This course will introduce the students to the chemical engineering laboratory environment and process safety. It will also build on the professional skills introduced in ENGR101 such as sketching, ethics and report writing.

P: Subject to the approval of the Dean of Engineering and Forestry.

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENCH295-22W (C) Whole Year (S1 and S2)

ENCH296 Chemical Engineering Thermodynamics

15 Points 0.1250 EFTS

An introduction to concepts and principles in chemical and process thermodynamics. This course includes the 1st and 2nd Laws, equilibrium and reversibility, ideal gas process calculations and refrigeration and heat pump cycles.

P: Subject to the approval of the Dean of Engineering and Forestry.

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENCH296-22S2 (C) Semester 2

ENCH298 Chemical Engineering Mathematics

15 Points 0.1250 EFTS

Modelling, analytical and numerical mathematics for solving chemical engineering problems, including algebraic systems, ordinary and partial differential equations, complex numbers, Fourier and Laplace transforms.

P: Subject to approval of the Dean of Engineering and Forestry

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENCH298-22S1 (C) Semester 1

ENCH390 Process Engineering Design 1

15 Points 0.1250 EFTS

This is one of key courses in chemical engineering which covers methods for the quantitative analysis of chemical processes, including process optimisation and curve fitting, process modelling and applications, pinch analysis and sustainability assessment. It also includes a 1-day intensive course analysing why process engineers should engage with iwi and local communities, and some practical and effective guidelines on how to do this.

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENCH390-22S1 (C) Semester 1

ENCH391 Process Systems and Control

15 Points 0.1250 EFTS

An introduction to process dynamics and process control technology.

P: ENCH298 (from 2016)

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENCH391-22S2 (C) Semester 2

ENCH392 Thermodynamics And Chemical Reaction Engineering

15 Points 0.1250 EFTS

Thermodynamics of fluids and phase equilibrium and the fundamentals of chemical reaction engineering. Thermodynamic topics covered include: volumetric properties of fluids, thermodynamic properties of pure fluids, behaviour of solutions and phase equilibria. Chemical reaction engineering topics covered include: reaction kinetics and rate equations, reactor design, collection and analysis of kinetic data, the effect of mass transfer on chemical reaction, mixing and non-ideal flow in reactors.

P: ENCH296, ENCH241

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENCH392-22S1 (C) Semester 1

ENCH393 Fluid Mechanics and Heat Transfer

15 Points 0.1250 EFTS

This is a key course in chemical engineering covering fluid mechanics and industrial applications, particle technology and heat transfer. These topics provide the knowledge and tools which enable the design and analysis of many chemical engineering processes.

P: ENCH292, ENCH293

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENCH393-22S1 (C) Semester 1

ENCH394 Process Engineering Design 2

15 Points 0.1250 EFTS

This course introduces students to key concepts of process design, including the detailed design of unit operations. The course builds on the topics covered in the 1st Professional year and begins to explore how unit operations can interact to shift the overall optimal operating conditions away from, say, the conditions that optimise a reactor alone. The course also extends the process safety concepts introduced in ENCH295 to cover more quantitative analysis techniques and provides an introduction to materials engineering for chemical engineers.

P: ENCH291

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENCH394-22S2 (C) Semester 2

ENCH395 Process Engineering Laboratories

15 Points 0.1250 EFTS

Laboratory and pilot-plant experiments, design and analysis of experiments using statistical methods, and computational tools useful for analysing data.

P: ENCH295

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENCH395-22W (C) Whole Year (S1 and S2)

ENCH396 Chemical Engineering Separations 1

15 Points 0.1250 EFTS

Chemical engineering separation operations including humidification/dehumidification, drying, membrane separations, leaching and washing, crystallisation, ion exchange, distillation, gas absorption and liquid-liquid extraction.

P: ENCH292

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENCH396-22S1 (C) Semester 1

ENCH475 Independent Course of Study

15 Points 0.1250 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENCH475-22W (C) Whole Year (S1 and S2)

ENCH475-22S1 (C) Semester 1

ENCH475-22S2 (C) Semester 2

Limited entry. See limitation of entry regulations.

ENCH482 Bioprocess Engineering 2

15 Points 0.1250 EFTS

This course focuses on the principles of bioseparation processes: cellular fractionation, filtration, chromatography, electrophoresis, immunoaffinity techniques and their application to various types of biomolecules. It includes a hands-on laboratory to separate a target microbially-produced protein by chromatography and assay the purity by electrophoresis.

P: ENGR407

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENCH482-22S1 (C) Semester 1

ENCH483 Advanced Energy Processing Technologies and Systems

15 Points 0.1250 EFTS

The course aims to educate students on the basic and creative concepts of advanced energy technologies and its systems integration. By covering the different areas of emerging technologies from fossil fuel conversion, ultraclean fuel production and utilisation, solar photovoltaic conversion to hydrogen and energy storage, the course prepares students for these revolutionary technologies. Importantly, rather than focusing solely on ultimately renewable energy solutions, the course incorporates the complementary views of fossil but ultraclean fuel technologies, as well as their importance as intermediate energy solutions.

P: ENGR404

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENCH483-22S1 (C) Semester 1

ENCH484 Advanced Modelling and Simulation

15 Points 0.1250 EFTS

Not offered in 2022

This course provides a detailed introduction to numerical methods used in chemical engineering. The course includes an introduction to the theory of numerical methods,

optimization theory, deterministic and stochastic modeling, and empirical parameter estimation for chemical processes, as well as practical guidance on the implementation of these tools to a variety of problems.

P: ENCH391 Process Systems and Control

ENCH486 Special Topic in Chemical and Process Engineering

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to the approval of the Director of Studies.

ENCH487 Special Topic in Chemical and Process Engineering

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to the approval of the Director of Studies.

ENCH494 Process Engineering Design 3

30 Points 0.2500 EFTS

A group project, where students have the opportunity to go through all the steps of designing a process plant including feedstock and process selections, mass and energy balances, control strategy, project economics, process safety, environmental impact, and community engagement.

P: a pass in all compulsory Second Professional Year courses, ENCH496 and ENCH497

Domestic Fee: \$2,266 (2021)

International Fee: \$11,250 (2021)

ENCH494-22S2 (C) Semester 2

ENCH495 Research Project

30 Points 0.2500 EFTS

An independent research project introducing students to planning a research project, literature searching, design of equipment, development of project plan/timeline, laboratory work and/or computer simulations as well as presentation and research report writing.

P: a pass in all compulsory Second Professional Year courses

Domestic Fee: \$2,228 (2021)

International Fee: \$11,000 (2021)

ENCH495-21SU2 (C) Summer (Nov 21)

ENCH495-22W (C) Whole Year (S1 and S2)

ENCH496 Advanced Separations

15 Points 0.1250 EFTS

Advanced topics in separation methods including: packed column and multicomponent distillations, evaporation, advanced membrane separations, adsorption, supercritical technology, separations in environmental engineering, sedimentation and centrifugation.

P: ENCH396

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENCH496-22S1 (C) Semester 1

ENCH497 Process Management

15 Points 0.1250 EFTS

Engineering economics and finance, project management, design and investment decisions, ethics, and safety in the process industry.

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENCH497-22S1 (C) Semester 1

ENGR401 Computational Fluid Dynamics

15 Points 0.1250 EFTS

Theoretical and practical aspects of Computational Fluid Dynamics, including the theory of fluid flow equations, numerical methods of solving these equations, turbulence, and experience with a commercial CFD software.

P: ENME304 or ENME314, or ENCH393, or ENCN342

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENGR401-22S1 (C) Semester 1

ENGR404 Emerging Energy Technologies and Management

15 Points 0.1250 EFTS

This course explores various emerging technologies related to the needs for energy, including the supply of renewable energy. This includes topics such as combined heat and power systems, biomass and thermo-chemical processing, wind, geothermal and solar energy processes. This course will also discuss the applications of catalysis in the production of energy carriers, starting at a basic level, and includes sections on adsorption and surface science, catalytic kinetics, evaluation on the modern catalytic processes in oil/gas refinery and studying key characteristics of emerging nanomaterials that enable them to become an effective catalyst in energy applications.

P: ENCH291 or subject to approval of the Director of Studies.

R: ENME405, ENME605

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENGR404-22S2 (C) Semester 2

ENGR405 Industrial Pollution Control

15 Points 0.1250 EFTS

This course aims to advance students' abilities in applying and evaluating the physico-chemical treatment processes for industrial wastewater and air pollution. It covers theory and design of biological, oxidation, and anaerobic treatment of wastewater. Mitigation for air pollution include pollution reduction strategies, biofilters, and equipment for the removal of gaseous and particulate airborne pollutants.

P: Subject to approval of the Director of Studies

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENGR405-22S1 (C) Semester 1

ENGR407 Bioprocess Engineering 1

15 Points 0.1250 EFTS

Engineering biochemistry covering enzyme kinetics, metabolism and applied molecular biology.

P: ENCH281 or subject to approval of the Director of Studies

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENGR407-22S2 (C) Semester 2

Postgraduate

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

ENCH602 Computational Fluid Dynamics

15 Points 0.1250 EFTS

Not offered in 2022

Theory of fluid flow equations, including turbulence, methods used to discretise and solve the equations and including experience with CFD packages.

P: Subject to approval of the Head of Department

R: ENCH401, ENGR401

ENCH603 Physical, Chemical and Analytical Techniques

15 Points 0.1250 EFTS

Not offered in 2022

Principles and practice of selected measurement and analysis techniques normally encountered in the chemical engineering research environment.

P: Subject to approval of the Head of Department.

ENCH606 Advanced Process Simulation

15 Points 0.1250 EFTS

Not offered in 2022

Advanced concepts in both steady state and dynamic process simulation, including mathematical techniques, choosing appropriate thermodynamic models and optimisation. Various simulation packages will be used.

P: Subject to approval of the Head of Department.

ENCH607 Modelling and Numerical Methods

15 Points 0.1250 EFTS

Not offered in 2022

Modelling of lumped and distributed parameter systems as differential-algebraic and partial-differential systems. Includes numerical techniques for the solution of systems of algebraic equations, odes, daes and pdes.

P: Subject to approval of the Head of Department.

ENCH632 Special Topic: Advanced Modelling and Simulation in Chemical Engineering

15 Points 0.1250 EFTS

This course develops the student's skills in the numerical methods used in chemical engineering. The course covers the theory of numerical methods as well as practical guidance on the implementation of these tools to a variety of problems. The course is about 2/3 on numerical methods for simulation and 1/3 on computational fluid dynamics (CFD).

P: Subject to approval of the Head of Department

R: ENCH484

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENCH632-22S1 (C) Semester 1

ENCH634 Special Topic: Modelling and Analysis in Chemical Engineering

15 Points 0.1250 EFTS

This course covers the mathematical concepts for solving problems in different areas of chemical engineering with emphasis on data-analysis, data visualisation, workflow optimisation and documentation. In addition, contemporary methods and tools are used for solving typical chemical engineering problems.

P: COSC480 (or equivalent); subject to approval by Head of Department

Domestic Fee: \$1,087 (2021)

International Fee: \$5,625 (2021)

ENCH634-22S2 (C) Semester 2**ENCH638 Special Topic: Sustainable Development and Management**

15 Points 0.1250 EFTS

This course will provide students with a deeper understanding of the principles of Sustainable Development, including: environment, economics and society and their interactions. The course will introduce modern techniques to quantify, assess and improve environmental and economic performance. It will build skills and techniques to improve safety to protect people as well as facilitate working with communities. It will also develop the professional and managerial skills required by practicing engineers.

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENCH638-22S2 (C) Semester 2**ENCH641 Special Topic: Research Project**

15 Points 0.1250 EFTS

An independent research project introducing students to planning a research project, literature searching, design of equipment, development of project plan/timeline, laboratory work and/or computer simulations with a research report.

P: Subject to approval of the Head of Department.

R: ENCH642, ENCH643

Domestic Fee: \$1,087 (2021)

International Fee: \$5,625 (2021)

ENCH641-22S1 (C) Semester 1**ENCH641-22S2 (C) Semester 2****ENCH642 Special Topic: Research Project**

30 Points 0.2500 EFTS

An independent research project introducing students to planning a research project, literature searching, design of equipment, development of project plan/timeline, laboratory work and/or computer simulations with a research report.

P: Subject to approval of the Head of Department.

R: ENCH641, ENCH643

Domestic Fee: \$2,174 (2021)

International Fee: \$11,250 (2021)

ENCH642-22W (C) Whole Year (S1 and S2)**ENCH643 Special Topic: Research Project**

60 Points 0.5000 EFTS

An independent research project introducing students to planning a research project, literature searching, design of equipment, development of project plan/timeline, laboratory work and/or computer simulations with a research report.

P: Subject to approval of the Head of Department.

R: ENCH641, ENCH642

Domestic Fee: \$4,349 (2021)

International Fee: \$22,500 (2021)

ENCH643-22W (C) Whole Year (S1 and S2)**ENCH690 Chemical and Process Engineering M.E. Thesis**

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$8,697 (2021)

International Fee: \$45,000 (2021)

ENCH690-22A (C) Starts Anytime*Part-time enrolment (0.65 EFTS) is available on approval.***ENCH790 Chemical and Process Engineering PhD**

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$8,697 (2021)

International Fee: \$45,000 (2021)

ENCH790-22A (C) Starts Anytime

*Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Chemistry

Te Kura Matū | School of Physical and Chemical Sciences

Note: Timetable information for Chemistry courses will be available at www.canterbury.ac.nz/ courses from 1 February 2020.

CHEM111 Chemical Principles and Processes

15 Points 0.1250 EFTS

Atoms and the periodic table; chemical bonding; reduction and oxidation reactions; properties of gases; introduction to thermodynamics; kinetics; chemical equilibrium; Gibbs energy and the second law of thermodynamics; aqueous chemistry; acid-base equilibrium.

P: (1) NCEA: at least 14 credits NCEA Level 3 Chemistry, or (2) CIE: at least D grade in CIE AL Chemistry or A grade in CIE ASL Chemistry, or (3) IB: at least Grade 4 in IB HL Chemistry or Grade 6 in IB SL Chemistry, or (4) CHEM114, or at least B Grade in BRDG023 or TRNS006.

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

CHEM111-22S1 (D) Semester 1**CHEM111-22S1 (C) Semester 1****CHEM111-22S2 (C) Semester 2****CHEM111-22S2 (D) Semester 2****CHEM112 Structure and Reactivity in Chemistry and Biochemistry**

15 Points 0.1250 EFTS

Structure, isomerism, stereochemistry, synthesis, and reaction mechanisms in organic chemistry; transition metal chemistry and electrochemistry.

P: (1) NCEA: at least 14 credits NCEA Level 3 Chemistry, or (2) CIE: at least D grade in CIE AL Chemistry or A grade in CIE ASL Chemistry, or (3) IB: at least Grade 4 in IB HL Chemistry or Grade 6 in IB SL Chemistry, or (4) CHEM114, or at least B Grade in BRDG023 or TRNS006.

R: BCHM112

EQ: BCHM112

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

CHEM112-22S2 (C) Semester 2**CHEM112-22S2 (D) Semester 2****CHEM114 Foundations of Chemistry**

15 Points 0.1250 EFTS

A preparatory course for biological sciences and other non-specialists, assuming minimal preparation in Chemistry. There is an emphasis on the properties of materials and biological systems. Atoms, molecules, mole concept, chemical equations, stoichiometry; electron configuration, bonding; molecular structure; energy changes and kinetic factors in chemical reactions; aqueous chemistry; introductory organic chemistry.

R: (1) NCEA: 14 credits NCEA Level 3 Chemistry, or (2) CIE: at least D grade in CIE AL Chemistry or A grade in CIE ASL Chemistry, or (3) IB: at least Grade 4 in IB HL Chemistry or Grade 6 in IB SL Chemistry, or (4) at least B Grade in BRDG 022 or BRDG 023. Students who have been credited with any of CHEM 111, CHEM 112 or BCHM 112 cannot subsequently be credited with CHEM 114. Concurrent enrolment in CHEM 114 and CHEM 111 is not permitted.

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

CHEM114-22S1 (C) Semester 1**CHEM114-22S1 (D) Semester 1****CHEM211 Molecules**

15 Points 0.1250 EFTS

Atoms and covalent molecules; molecular spectroscopy and characterisation; periodicity and trends: the modern periodic table.

P: CHEM111

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

CHEM211-22S1 (C) Semester 1**CHEM211-22S1 (D) Semester 1****CHEM212 Chemical Reactivity**

15 Points 0.1250 EFTS

Structures and properties of organic and biological molecules; application of kinetics and thermodynamics to organic and biochemical reactions; substitution and elimination chemistry; bioinorganic chemistry and electrochemistry

P: CHEM112 or BCHM112 or ENCH241

R: BCHM212

EQ: BCHM212

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

CHEM212-22S1 (C) Semester 1**CHEM212-22S1 (D) Semester 1**

CHEM242 Organic Chemistry

15 Points 0.1250 EFTS

Reaction mechanisms; synthesis and biosynthesis of organic compounds.

P: CHEM212 or BCHM212

R: BCHM206

EQ: BCHM206

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

CHEM242-22S2 (C) Semester 2**CHEM242-22S2 (D) Semester 2****CHEM243 Molecules and Reactions**

15 Points 0.1250 EFTS

Not offered in 2022

The science of the very small: quantum theory; molecules to materials: statistical mechanics; molecular mixing: thermodynamics and kinetics.

P: Either (1) CHEM211, or (2) CHEM111 and PHYS102

CHEM245 Special Topic

15 Points 0.1250 EFTS

Not offered in 2022

Selected lectures, tutorials and assignments from courses relevant to chemistry.

P: CHEM211 and one of CHEM241 and 243.

R: Restricted against CHEM251 and 255, and cannot be taken if both of CHEM241 and 243 have been credited.

CHEM246 Introduction to Medicinal Chemistry

15 Points 0.1250 EFTS

This course is an introduction to the basic concepts of Medicinal Chemistry. The course will consider how many drugs/pharmaceuticals work, correlating their precise molecular structure with that of their biological targets. The course will also introduce pharmacokinetics, and consider how Medicinal Chemists can optimize the molecular properties of a drug molecule to produce compounds that display enhanced biological effects in living organisms.

P: CHEM212 or BCHM212

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

CHEM246-22S2 (C) Semester 2**CHEM246-22S2 (D) Semester 2****CHEM247 Analytical Chemistry**

15 Points 0.1250 EFTS

This course introduces quantitative analytical techniques. Topics covered include sample collection, sample preparation including separation techniques, instrumental analyses and assessing the reliability of results. Students will gain experience with in-situ and laboratory techniques.

P: CHEM 111 or CHEM 112 (BCHM 112)

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

CHEM247-22S1 (C) Semester 1**CHEM251 Foundations of Materials Science and Nanotechnology**

15 Points 0.1250 EFTS

This course covers foundational topics in materials science and nanotechnology, including molecular symmetry, quantum mechanics, transition metal chemistry and electromagnetic properties of materials.

P: CHEM211 or (CHEM111 and PHYS102)

R: CHEM241 and CHEM245

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

CHEM251-22S2 (C) Semester 2**CHEM251-22S2 (D) Semester 2****CHEM255 Contemporary Chemistry: Technology, Environment, and Health**

15 Points 0.1250 EFTS

Not offered in 2022

This course focuses on the interface between chemical technology, the environment and health. Case-studies examine contemporary challenges of optimising the benefits of chemical technology, including such topics as "green chemistry", technology spin-offs and environmental impact.

P: 30 points from CHEM111, CHEM112, BCHM112, CHEM211 and CHEM212.

R: CHEM245

RP: CHEM281

CHEM281 Practical Chemistry

15 Points 0.1250 EFTS

This course is required to major in chemistry and preferably it is taken in conjunction with other 200-level chemistry courses. The topics covered in this course are: preparative organic and inorganic chemistry; purification of chemicals including chromatography; practical spectroscopy and basic analytical methodology; data analysis, errors and Excel competence. Kinetic and thermodynamic measurements on solutions.

P: 1. 30 points from CHEM111, CHEM112 (BCHM112), and BCHM111 (BIOL111) or 2. have passed 15 points from CHEM111, CHEM112 (BCHM112) or BCHM111 (BIOL111) and be concurrently enrolled in CHEM111 or CHEM112 (BCHM112) or BCHM111 (BIOL111)

C: have passed 15 points from CHEM111, CHEM112 (BCHM112) or BCHM111 (BIOL111) and be concurrently enrolled in CHEM111 or CHEM112 (BCHM112) or BCHM111 (BIOL111)

R: BCHM281

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

CHEM281-22S1 (C) Semester 1**CHEM327 Special Topic**

15 Points 0.1250 EFTS

Selected lectures, tutorials and assignments from courses relevant to chemistry. Exchange students and new enrolments only may enrol in this course. Credits for this course may not be used to satisfy the requirements of a University of Canterbury degree. Internally assessed.

P: Entry subject to approval of the Head of Department.

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

CHEM327-22S1 (C) Semester 1**CHEM327-22S2 (C) Semester 2****CHEM328 Special Topic**

15 Points 0.1250 EFTS

Selected lectures, tutorials and assignments from courses relevant to chemistry. Exchange students and new enrolments only may enrol in this course. Credits for this course may not be used to satisfy the requirements of a University of Canterbury degree. Internally assessed.

P: Entry subject to approval of the Head of Department.

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

CHEM328-22S1 (C) Semester 1**CHEM328-22S2 (C) Semester 2****CHEM329 Special Topic: Introductory Research in the Chemical Sciences**

15 Points 0.1250 EFTS

This course involves a research project (approximately 150 hours) in the Chemical Sciences under the supervision of a staff member from the School of Physical and Chemical Sciences. This course may not be used to satisfy the requirements for a Chemistry major, nor the requirements for entry to postgraduate study in Chemistry.

P: 45 points from CHEM211, CHEM212 (BCHM212), CHEM281 (BCHM281), CHEM251, CHEM242 (BCHM206), CHEM255. Entry subject to a supervisor approved by the Head of School, being available.

Domestic Fee: \$910 (2021)

International Fee: \$4,438 (2021)

CHEM329-21SU2 (C) Summer (Nov 21)**CHEM330 Introductory Research in the Chemical Sciences**

15 Points 0.1250 EFTS

This course involves a research project (approximately 150 hours) in the Chemical Sciences under the supervision of a staff member from the School of Physical and Chemical Sciences. Assessment is through a supervisor's grade, a written report and an oral presentation. Entry to the course requires a supervisor approved by the Head of School, being available. This course may not be used to satisfy the requirements for a Chemistry or Medicinal major, nor the requirements for entry to postgraduate study in Chemistry or Medicinal Chemistry.

P: Either: CHEM281 or BCHM281, plus 45 points from 200 level CHEM, BCHM212, BCHM206 + GPA >8, Or: CHEM281 or BCHM281, CHEM381 or CHEM382, + 45 points from 200 level CHEM, BCHM212, BCHM206. With permission of the HoS, CHEM382 may be taken concurrently.

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

CHEM330-22SU1 (C) Summer (Jan 22)**CHEM330-22S1 (C) Semester 1****CHEM330-22S2 (C) Semester 2****CHEM330-22SU2 (C) Summer (Nov 21)****CHEM333 Chemical Physics and Spectroscopy**

15 Points 0.1250 EFTS

This course develops concepts and models needed to realistically describe and characterize useful properties of molecules and materials. Topics include dynamic electrochemistry, thermodynamics, statistical mechanics and spectroscopy, photochemistry and lasers

P: CHEM251 or CHEM243

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

CHEM333-22S2 (C) Semester 2

CHEM335 Organometallic Chemistry and Catalysis

15 Points 0.1250 EFTS

This course covers important concepts in organometallic chemistry and catalysis, including organometallic reactivity, homogeneous catalysis, heterogeneous catalysis, nanostructured materials, and industrial aspects of catalysis.

P: CHEM251 or CHEM241

R: CHEM321

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

CHEM335-22S2 (C) Semester 2**CHEM336 Supramolecular Chemistry and Molecular Engineering**

15 Points 0.1250 EFTS

This course covers important concepts in supramolecular chemistry molecular engineering, including the synthesis of organic building blocks and assembly of complex molecular architectures and functional molecules. Concepts include the role of non-covalent bonding in supramolecular chemistry and structure-function relationships in molecular properties.

P: CHEM242 (BCHM206) or CHEM251

R: CHEM322

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

CHEM336-22S1 (C) Semester 1**CHEM337 Organic Synthesis**

15 Points 0.1250 EFTS

This course covers important concepts in organic synthesis, including modern synthetic reagents and transformations; reactive intermediates in synthesis; stereoselective synthesis.

P: CHEM242 or BCHM206

R: CHEM322

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

CHEM337-22S2 (C) Semester 2**CHEM338 Chemical Biology and Protein Chemistry**

15 Points 0.1250 EFTS

This course covers important concepts in chemical biology: the application of chemical techniques, tools, analyses, and synthetic chemicals, to the study and manipulation of the molecular processes taking place within cells.

P: CHEM212 or BCHM212

R: BCHM338, CHEM325, BCHM302

RP: BCHM202 (BIOL231)

EQ: BCHM338

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

CHEM338-22S1 (C) Semester 1**CHEM339 Bioinorganic and Bioorganic Chemistry**

15 Points 0.1250 EFTS

This course covers the chemical principles underlying selected important biological processes. The topics covered will be: bio-inorganic chemistry and electrochemistry; metal ions in biology & toxicology; case-studies in contemporary bio-organic chemistry.

P: CHEM212 or BCHM212.

R: BCHM339, CHEM325, BCHM302

RP: CHEM242 or BCHM206

EQ: BCHM339

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

CHEM339-22S2 (C) Semester 2**CHEM340 Environmental Chemistry and Toxicology**

15 Points 0.1250 EFTS

Environmental chemistry and toxicology covers the study of chemistry in the biosphere and the impact of humankind on them. The course will cover: the properties of atmospheric, terrestrial and aquatic systems; environmental pollutants, and the analytical methods used to monitor them; mechanisms of toxicity of environmental pollutants and their impact on the environment; assessment of environmental risks.

P: 15 points from CHEM281, BCHM281 or CHEM247, plus 15 points from ENVR201, CHEM211,

CHEM212, BCHM212, CHEM255 or CHEM251

R: CHEM324

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

CHEM340-22S1 (C) Semester 1**CHEM342 Aromatic, heterocyclic, and pharmaceutical chemistry**

15 Points 0.1250 EFTS

This course is about the structure and reactivity of aromatic and heterocyclic molecules, and how this reactivity is used in the synthesis of important and interesting compounds, particularly modern pharmaceuticals / drugs. The topics covered by this course are: aromatic chemistry, heterocyclic chemistry and pharmaceutical chemistry.

P: CHEM242 or BCHM206

R: CHEM322, CHEM362

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

CHEM342-22S1 (C) Semester 1**CHEM343 Materials Science and Nanotechnology**

15 Points 0.1250 EFTS

This course applies the fundamental physical and chemical principles learnt previously to predict and explain the properties of materials at the nano-scale. Topics include nanotechnology, materials fabrication and characterization, polymers, and applied computational chemistry.

P: CHEM251 or CHEM243

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

CHEM343-22S1 (C) Semester 1**CHEM346 Contemporary Medicinal Chemistry**

15 Points 0.1250 EFTS

This course covers several topics in modern medicinal chemistry, focusing on a range of important disease states that have been the focus of attention of medicinal chemists and the pharmaceutical industry. These include: antimicrobial drugs, anti-cancer drugs, neurochemical and cardiovascular drugs, and bioactive natural products from NZ and the Pacific regions, including their uses in Rongoa, and modes of action.

P: CHEM246.

RP: CHEM212, CHEM242

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

CHEM346-22S1 (C) Semester 1**CHEM347 Drug Discovery and Development**

15 Points 0.1250 EFTS

This course covers the drug discovery and development process, all the way from lead generation, to structure optimisation, synthetic production, the protection and development of intellectual property, and crossing regulatory hurdles and clinical trials. As part of the course students will participate in an interactive mock drug discovery exercise. The course will also comprise significant Bicultural components, including ethical and legal considerations of obligations under the Treaty of Waitangi, Treaty Claims, and the rights of indigenous peoples.

P: CHEM342, CHEM346.

RP: CHEM212, CHEM242

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

CHEM347-22S2 (C) Semester 2**CHEM381 Advanced Synthetic Techniques**

15 Points 0.1250 EFTS

Synthetic organic and inorganic chemistry incorporating library skills, and modern structural elucidation techniques such as 2D-NMR and X-ray crystallography.

P: (CHEM 281 or BCHM 281) and CHEM 212.

RP: Additional 30 points from CHEM 211, CHEM 242 and CHEM 251.

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

CHEM381-22S1 (C) Semester 1**CHEM382 Instrumental Methods**

15 Points 0.1250 EFTS

Applications of modern instrumental techniques to problems in fundamental and analytical chemistry. This laboratory course includes a series of set experiments and project work. Emphasis is on data analysis, communication skills and self-directed investigations.

P: (CHEM 281 or BCHM 281) and (CHEM 211 or CHEM 251 or (CHEM 111 and CHEM 255)).

RP: 30 points from CHEM 211 - CHEM 255.

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

CHEM382-22S2 (C) Semester 2**BCHM438 Molecular Dynamics**

15 Points 0.1250 EFTS

This course is about modelling the behaviour of macromolecular systems (e.g. biomacromolecules such as proteins or supramolecular assemblies such as metal-organic framework materials), using molecular dynamics. The topics covered by this course are: - Force fields (molecular mechanics) and equations of motion (molecular dynamics) - Controlling temperature, pressure, volume within simulations - Practical considerations when running molecular dynamics simulations - Assessing how well simulations match experiment

P: Approval by the Tumuaki Kura | Head of School

R: CHEM438

EQ: CHEM438

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

BCHM438-22S1 (C) Semester 1

CHEM438 Molecular Dynamics

15 Points 0.1250 EFTS

This course is about modelling the behaviour of macromolecular systems (e.g. biomacromolecules such as proteins or supramolecular assemblies such as metal-organic-framework materials), using molecular dynamics. The topics covered by this course are: - Force fields (molecular mechanics) and equations of motion (molecular dynamics) - Controlling temperature, pressure, volume within simulations - Practical considerations when running molecular dynamics simulations - Assessing how well simulations match experiment

P: Approval by the Tumuaki Kura | Head of School

R: BCHM438

EQ: BCHM438

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

CHEM438-22S1 (C) Semester 1**Postgraduate**

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

CHEM415 Special Topic

15 Points 0.1250 EFTS

P: Subject to the approval of the Head of Department.

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

CHEM415-22W (C) Whole Year (S1 and S2)**CHEM415-22S1 (C) Semester 1****CHEM417 Special Topic**

15 Points 0.1250 EFTS

P: Subject to the approval of the Head of Department.

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

CHEM417-22S1 (C) Semester 1**CHEM421 Advanced Topics in Chemistry I**

30 Points 0.2500 EFTS

Not offered in 2022

A series of modules of advanced study in contemporary research methodology in the chemical sciences, such as research and professional scientific communication skills including written, visual and oral communication; directed inquiry and problem solving; critical analysis and in-depth studies in modern chemical research. The learning outcomes of this course will enable students to develop a range of abilities that are relevant to research in the chemical sciences, including written and oral communication skills. Students will undertake studies in a specific specialised area of chemistry that will allow them to develop an in-depth understanding of an area of contemporary research. Enrolment in this course is limited to those Honours students concurrently enrolled in the CHEM480 Research Project (or a Chemistry Department based BCHM480 Research Project); or M.Sc. (Part I) or P.G. Dip. Sci. students based within the Chemistry Department during their programme of study. This is a required course for all students enrolled in these degree programmes.

P: Subject to the approval of the Head of Department

CHEM422 Advanced Topics in Chemistry II

30 Points 0.2500 EFTS

Not offered in 2022

A series of modules of advanced study in contemporary research areas in the chemical sciences, such as biologically-active organic compounds; toxicology; biochemical processes; enzyme and protein chemistry; molecular recognition; bioinorganic chemistry; organic synthetic methodology; nanotechnology and materials chemistry; inorganic chemistry and catalysis; spectroscopic and structural techniques and analysis; supramolecular and environmental chemistry; polymer chemistry; computational and theoretical chemistry.

P: Subject to the approval of the Head of Department

CHEM423 Advanced Topics in Chemistry III

30 Points 0.2500 EFTS

Not offered in 2022

A series of modules of advanced study in contemporary research areas in the chemical sciences, such as biologically-active organic compounds; toxicology; biochemical processes; enzyme and protein chemistry; molecular recognition; bioinorganic chemistry; organic synthetic methodology; nanotechnology and materials chemistry; inorganic chemistry and catalysis; spectroscopic and structural techniques and analysis; supramolecular and environmental chemistry; polymer chemistry; computational and theoretical chemistry.

P: Subject to the approval of the Head of Department.

CHEM424 Advanced topics in chemistry IV

30 Points 0.2500 EFTS

Not offered in 2022

A series of modules of advanced study in contemporary research areas in the chemical sciences, such as biologically-active organic compounds; toxicology; biochemical processes; enzyme and protein chemistry; molecular recognition; bioinorganic chemistry; organic synthetic methodology; nanotechnology and materials chemistry; inorganic chemistry and catalysis; spectroscopic and structural techniques and analysis; supramolecular and environmental chemistry; polymer chemistry; computational and theoretical chemistry.

P: Subject to the approval of the Head of Department.

CHEM430 Research Methods 1: Research Proposal and Ethics

15 Points 0.1250 EFTS

This course comprises a series of workshops of advanced study in contemporary research methodology in the chemical sciences, such as research and professional scientific communication skills including written, visual and oral communication; directed inquiry and problem solving skills; critical analysis and in-depth studies in specific specialised areas of contemporary chemical research. The topics covered by this course are: - Writing a research proposal - Writing a quality assessment plan for research activities - Ethics of publishing - Ethics of research

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

CHEM430-22S1 (C) Semester 1**CHEM431 Research Methods 2: Literature Review and Poster Design**

15 Points 0.1250 EFTS

This course comprises a series of workshops of advanced study in contemporary research methodology in the chemical sciences, such as research and professional scientific communication skills including written, visual and oral communication; directed inquiry and problem solving skills; critical analysis and in-depth studies in specific specialised areas of contemporary chemical research. The topics covered by this course are: - Writing a literature review - Designing and presenting a poster

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

CHEM431-22S2 (C) Semester 2**CHEM432 Organic Chemistry**

15 Points 0.1250 EFTS

This course is about the organic chemistry at a higher level. The topics covered by this course are: - carbohydrate chemistry - pericyclic reactions, and their applications in synthesis - applications of transition metal catalysis in synthesis

P: CHEM337 or CHEM322

RP: CHEM337 or CHEM322

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

CHEM432-22S1 (C) Semester 1**CHEM433 Toxicology and Methods in Drug Discovery**

15 Points 0.1250 EFTS

If you are interested in human and animal health, how biological systems work at the molecular level and are passionate about how you can apply your science skills and knowledge in health-related areas, then this is the course for you. In this course we introduce you to the basic concepts of drug development. Starting with an overview of drug development from disease to practical real-world treatments, the course then focuses on key early aspects in the drug development process; molecular basis for disease, target identification and lead development. We introduce the modern shift to biopharmaceuticals, and important in-vitro drug-testing techniques. We then address toxicological considerations, which are critical in drug development. Self-directed learning topics will reinforce the concepts presented and allow you to extend your understanding into the later stages of the drug development (i.e. regulatory, toxicological, environmental and clinical testing considerations).

P: CHEM337 or CHEM322 or BCHM338

RP: CHEM337 or CHEM322 or BCHM338

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

CHEM433-22S2 (C) Semester 2**CHEM434 Kinetics and Spectroscopy**

15 Points 0.1250 EFTS

If you want to really understand chemistry, this is the course for you: it applies the fundamental physical and chemical principles developed in CHEM333 and CHEM343 to predict, explain and understand properties, structure and reactivity at a microscopic level. The topics covered by this course are: - Spectroscopy and quantum mechanics - Advanced reaction kinetics

P: CHEM333 or CHEM343

RP: CHEM333 or CHEM343

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

CHEM434-22S1 (C) Semester 1

CHEM436 Sustainable Chemistry: Catalysis, Energy and Green Materials

15 Points 0.1250 EFTS

Sustainable chemistry is basically doing more with less: reducing the environmental impact of products and processes, optimising or rather completely avoiding the use of limited raw materials and minimising waste. This course will introduce the importance of catalysis, energy and green materials in the context of reducing the impact that synthetic chemistry has on our planet.

P: CHEM335 or CHEM321

RP: CHEM335 or CHEM321

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

CHEM436-22S1 (C) Semester 1**CHEM437 Supramolecular Chemistry**

15 Points 0.1250 EFTS

This course is about the supramolecular chemistry at a higher level. Supramolecular chemistry is an area of synthetic chemistry that aims to construct complex functional chemicals with tailored properties. Supramolecular chemistry involves the use of non-covalent interactions (such as coordination bonds, hydrogen bonding, -stacking etc.) to form well-defined molecular assemblies. These larger well-defined structures can be created with geometrically interesting shapes and electronic properties. In this course, students will develop an understanding of the synthesis of compounds suitable for supramolecular chemistry and how these can be assembled into larger ensembles, such as host-guest complexes, interlocked molecules, molecular machines, coordination polymers, metal-organic frameworks and covalent organic frameworks. The properties and importance of intermolecular interactions and their translation to functions in chemistry as well in bio-, nano- and materials science.

P: CHEM336 or CHEM321

RP: CHEM336 or CHEM321

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

CHEM437-22S2 (C) Semester 2**CHEM473 Special Topic**

30 Points 0.2500 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$2,168 (2021)

International Fee: \$10,000 (2021)

CHEM473-22S1 (C) Semester 1**CHEM473-22W (C) Whole Year (S1 and S2)****CHEM473-22S2 (C) Semester 2****CHEM474 Special Topic**

30 Points 0.2500 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$2,168 (2021)

International Fee: \$10,000 (2021)

CHEM474-22S1 (C) Semester 1**CHEM474-22W (C) Whole Year (S1 and S2)****CHEM474-22S2 (C) Semester 2****CHEM480 Research Project**

30 Points 0.2500 EFTS

The CHEM480 Research Project involves a programme of experimental study in a research-active laboratory under the supervision of an academic member of staff within the Chemistry Department. The experimental data obtained are then presented in the form of a written project report which, after submission, is subjected to an oral defence. The project report details the background to the research, the methods employed, the results obtained, an analysis of the results in the context of the field and a bibliography. The learning outcomes of CHEM480 will enable students to write and compile a scientific report in a format appropriate for the discipline; show understanding of scientific methods relevant to their research project; obtain, analyse and present original research data; interpret and critically appraise their own and other research data; explain the relationship of their findings to other work in the field; and respond to questions on their report in a manner that shows mastery of the content and some knowledge of related areas. The CHEM480 Research Project provides excellent preparation for students intending to enrol in further postgraduate research. Students enrolling in this course must also enrol in course CHEM421 Advanced Topics in Chemistry 1.

P: Subject to approval of the Head of Department.

Domestic Fee: \$2,168 (2021)

International Fee: \$10,000 (2021)

CHEM480-22S1 (C) Semester 1**CHEM480-22W (C) Whole Year (S1 and S2)****CHEM480-22S2 (C) Semester 2****CHEM480-22CY (C) Cross Year****CHEM690 MSc Thesis**

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$8,172 (2021)

International Fee: \$40,000 (2021)

CHEM690-22A (C) Starts Anytime*Part-time enrolment (0.65 EFTS) is available on approval.***CHEM790 Chemistry PhD**

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$8,172 (2021)

International Fee: \$40,000 (2021)

CHEM790-22A (C) Starts Anytime*Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Child and Family Psychology

Te Kaupeka Oranga | Faculty of Health*Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.***CFPY501 Models of Practice in Child and Family Psychology**

36 Points 0.3000 EFTS

This course provides initial professional scholarship and training in Child and Family Psychology, with particular focus on models of practice. Using the Scientist-Practitioner model as a reference point, two themes are emphasised: "What is a Child and Family Psychologist?"; and "the research-practice nexus".

P: (i) Enrolled in the Master of Arts in Child and Family Psychology, or Master of Science in Child and Family Psychology or an approved Master of Education or their equivalents. (ii) CFPY601, CFPY602, CFPY603, COUN671 and HLTH472 (iii) An approved 15-point, 0.125 EFTS postgraduate or honours-level research methods course (2) Subject to approval of the Head of School of Health Sciences.

R: EDUC623, HLTH670, EDUC624, HLTH671

EQ: EDUC623, HLTH670

Domestic Fee: \$2,660 (2021)

International Fee: \$11,850 (2021)

CFPY501-21SU2 (C) Summer (Nov 21)*Limited entry. See limitation of entry regulations.***CFPY502 Professional Skills and Practicum**

39 Points 0.3250 EFTS

This course contains the Child and Family Psychology Practicum and an academic programme which informs it. This includes practical training in skills specific to practice as a registered psychologist, the practicum itself and clinical work associated with it. In addition it contains academic work relevant to the programme such as interpretation of cognitive assessments, taxonomy for psychopathology, and clinical reasoning (formulation). In addition Problem-Based Learning exercises are an integral part of this course.

P: (i) Enrolled in the Master of Arts in Child and Family Psychology, or Master of Science in Child and Family Psychology or an approved Master of Education or their equivalents. (ii) CFPY601, CFPY602, CFPY603, COUN671 and HLTH472 (iii) An approved 15-point, 0.125 EFTS postgraduate or honours-level research methods course. (2) Subject to approval of the Head of the School of Health Sciences. (3) Selection will be based on academic record, personal suitability and an interview. The closing date for applications is normally October 1st in the year prior to enrolment.

R: EDUC623, HLTH670, EDUC624, HLTH671

EQ: EDUC624, HLTH671

Domestic Fee: \$2,931 (2021)

International Fee: \$13,163 (2021)

CFPY502-22W (C) Whole Year (S1 and S2)*Limited entry. See limitation of entry regulations.***CFPY503 Advanced Academic Development**

30 Points 0.2500 EFTS

Further academic study relevant to the area of Child and Family Psychology

P: (i) Subject to the approval of the Head of the School of Health Sciences, (2) EDUC623 and EDUC624 or HLTH670 and HLTH671 or CFPY501 and CFPY502

R: EDUC501, HLTH501

EQ: EDUC501, HLTH501

Domestic Fee: \$2,255 (2021)

International Fee: \$10,125 (2021)

CFPY503-22FY (C) Full Year (February to February)*Limited entry. See limitation of entry regulations.***CFPY504 Advanced Professional Practice in Child and Family Psychology**

60 Points 0.5000 EFTS

This course directs the candidate's experiences in their approved 1500 hour internship in order to ensure a wide range of experience with children and their families and to assist their preparation of case-studies and their professional development plan.

P: (i) Subject to the approval of the Head of the School of Health Sciences, (2) EDUC623 and EDUC624 or HLTH670 and HLTH671 or CFPY501 and CFPY502

R: EDUC502, HLTH502

EQ: EDUC502, HLTH502

Domestic Fee: \$4,509 (2021)

International Fee: \$20,250 (2021)

CFPY504-22FY (C) Full Year (February to February)*Limited entry. See limitation of entry regulations.*

CFPY505 Structuring and Examining Professional Practice

30 Points 0.2500 EFTS

Preparation for, presentation and defence of professional work in formal settings.

P: (1) Subject to the approval of the Head of the School of Health Sciences, (2) EDUC623 and EDUC624 or HLTH670 and HLTH671 or CFPY501 and CFPY502

R: EDUC503, HLTH503

EQ: EDUC503, HLTH503

Domestic Fee: \$2,255 (2021)

International Fee: \$10,125 (2021)

CFPY505-22FY (C) Full Year (February to February)

Limited entry. See limitation of entry regulations.

CFPY601 Disorders of Childhood and Adolescence

30 Points 0.2500 EFTS

The nature, prevalence, causes and current intervention relating to disorders and disabilities arising during the developmental period.

P: Subject to the approval of the Head of the School of Health Sciences

R: EDEM661, EDUC412

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

CFPY601-22W (C) Whole Year (S1 and S2)**CFPY602 Child and Adolescent Development: Research, Contexts, and Applications**

30 Points 0.2500 EFTS

This course aims to provide an advanced understanding of child and adolescent development by focusing on issues and concerns that may affect children and families across multiple developmental contexts. Students will examine key developmental theories as applied to a range of topics and gain valuable research and critical thinking skills through case studies, literature reviews, and group presentations.

P: Subject to the approval of the Head of the School of Health Sciences

R: EDEM662, EDUC416, PSYC413

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

CFPY602-22W (C) Whole Year (S1 and S2)**CFPY603 Introduction to Interventions**

30 Points 0.2500 EFTS

This course provides an overview of interventions for children and adolescents with commonly occurring childhood disorders, and behaviour / learning difficulties (anxiety, phobia, depression, antisocial behaviour, ADHD, dyslexia, dyscalculia, dyspraxia). We will cover how to recognise these disorders, what is known about their causes, and how to plan and evaluate interventions. We will examine what the current academic literature tells us about effective evidence-based interventions, and challenges and issues in intervention work. The course introduces students to multiple perspectives on disorders and interventions, including cognitive behavioural therapy (CBT) and applied behaviour analysis (ABA). Introduction to Interventions is one of the compulsory first year courses in the Child and Family Psychology programme, and is also suitable for students who are pursuing postgraduate qualifications in special education.

P: Subject to approval of the Head of School of Health Sciences

R: EDEM663, EDUC421

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

CFPY603-22W (C) Whole Year (S1 and S2)**CFPY690 MA Child and Family Psychology Thesis**

120 Points 1.0000 EFTS

P: (i) CFPY601-603; HLTH472; either CFPY604 or COUN671; and one of EDEM695-697, or HLTH462, or PSYC460, or PSYC461. (ii) Subject to approve of the Head of School of Health Sciences

Domestic Fee: \$8,648 (2021)

International Fee: \$40,500 (2021)

CFPY690-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval.

CFPY695 MSc Child and Family Psychology Thesis

120 Points 1.0000 EFTS

P: (i) CFPY601-603; HLTH472; either CFPY604 or COUN671; and one of EDEM695-697, or HLTH462, or PSYC460, or PSYC461. (ii) Subject to approve of the Head of School of Health Sciences

Domestic Fee: \$8,648 (2021)

International Fee: \$40,500 (2021)

CFPY695-22A (C) Starts Anytime

Chinese

*Te Kura Mātāpuna Tangata | School of Language, Social and Political Sciences***CHIN115 Introduction to Business Chinese**

15 Points 0.1250 EFTS

Not offered in 2022

This introductory level Chinese language course focuses on the development of basic Chinese language skills that are particularly relevant for business functions. No prior knowledge of Chinese language is required. Students who are literate in Chinese and/or fluent speakers of Mandarin may not enrol in this course without the permission of the Programme Director, which will be granted only if the course is appropriate to the level of competence of the student.

CHIN151 Chinese Language 1-A

15 Points 0.1250 EFTS

A beginner's level course, focusing on the four basic language skills of reading, writing, speaking and listening, designed for students with little or no previous knowledge of the Chinese language.

P: Students who have learnt more than 150 Chinese characters or have a level of spoken Chinese equivalent to the level reached by the students at the very end of this course will not be admitted to this course.

R: CHIN101. Students who have learnt more than 150 Chinese characters or have a level of spoken Chinese equivalent to the level reached by the students at the very end of this course will not be admitted to this course.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

CHIN151-22S1 (C) Semester 1**CHIN152 Chinese Language 1-B**

15 Points 0.1250 EFTS

Following CHIN151 and still focusing on the four basic language skills of reading, writing, speaking and listening, this course teaches how to conduct simple conversations, and read and write simple texts in Chinese at an elementary level, with an adequate cultural understanding of China.

P: CHIN151 or placement test. Students who have learnt more than 300 Chinese characters, or have a level of spoken Chinese equivalent to the level reached by the students at the very end of this course, will not be admitted to this course.

R: CHIN101, CHIN105. Students who have learnt more than 300 Chinese characters, or have a level of spoken Chinese equivalent to the level reached by the students at the very end of this course, will not be admitted to this course.

RP: This course is designed for students who have completed CHIN151 or a placement test.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

CHIN152-22S2 (C) Semester 2**CHIN155 Understanding China**

15 Points 0.1250 EFTS

This course provides basic understanding of China and Chinese culture through selected topical issues about China. The course will be taught in English; all prescribed readings and assessments (writing and spoken) are in English.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

CHIN155-22S1 (C) Semester 1**CHIN155-22S1 (D) Semester 1****CHIN206 Global China on Screen**

15 Points 0.1250 EFTS

Not offered in 2022

Like in the West, Chinese cinema has held a significant share in the cultural industry since the first film was made in China in 1905. Being a cultural product, film has always been seen as reflection of its contemporary culture, despite various aspects it might have taken. Taking primarily a Cultural Studies approach, this course introduces Chinese culture, especially a series of its contemporary phenomena by surveying Chinese cinema. The course will be taught in English and all Chinese films are subtitled. By viewing the films in class and many more available in the well-resourced UC library on the course's recommendation and students' own interests, the course encourages students to further develop their study in one or more of the following areas: Studies of Chinese culture and society; Cross-cultural studies with a focus on China/Asia and beyond; Cultural studies with a special emphasis on postmodernism (including postcolonialism) and Third World culture; Film studies focusing on national cinema. CHIN206 and CINE215 are the same course.

P: Any 15 points at 100 level from CHIN or CINE, or any 60 points at 100 level from the Schedule V of the BA.

R: CINE215, CHIN306, CULT334

EQ: CINE215 and CHIN306

CHIN210 Sinophone Studies: Society, Place, and Culture

15 Points 0.1250 EFTS

CHIN210 engages with the current academic trend of Sinophone studies in the global network. Separated from the traditional framework of China studies, Sinophone studies reconsiders the interconnectedness of China proper, its Autonomous Regions, and the overseas Sinophone communities with a focus on such topics as cultural history and landscape, cross-Strait relations, diaspora, postcolonialism, and globalisation.

P: Any 15 points at 100 level from CHIN, or any 60 points at 100 level from the Schedule V of the BA.
R: CHIN310

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

CHIN210-22S1 (C) Semester 1**CHIN211 Study Chinese in China Summer Programme 1**

15 Points 0.1250 EFTS

Not offered in 2022

The course comprises a study trip to China, where the student will take Chinese language lessons as well as cultural lessons and complete required course assessment at the approved university in China. There will be an orientation week on UC campus before the study trip and a week for final examinations on UC campus after the trip. The course is intended for students who have completed CHIN152.

P: At least B- in CHIN152 and subject to approval of the Programme Director.

CHIN212 Study Chinese in China Mid-year Programme

15 Points 0.1250 EFTS

Not offered in 2022

The course comprises a study trip to China, where the student will take Chinese language lessons as well as cultural lessons and complete required course assessment at the approved university in China. There will be an orientation week on UC campus before the study trip and a week for final examinations on UC campus after the trip. The course is intended for students who have completed CHIN152.

P: At least B- in CHIN152 and subject to approval of the Programme Director.

Note: This course takes place during the period designated as the midyear study and exam period. Students who have exams for other courses scheduled during this period must make application to the Supervisor of Examinations to have their examinations conducted in China. Such applications normally carry a fee of \$105.

CHIN251 Chinese Language 2-A

15 Points 0.1250 EFTS

This course, following CHIN152 and still focusing on the four basic language skills of reading, writing, speaking and listening, is a Chinese language course teaching how to conduct daily and social conversations, and to read and write texts in Chinese at an early intermediate level, with an adequate cultural understanding of China.

P: CHIN152 or placement test. Students who have learnt more than 450 Chinese characters, or have a level of spoken Chinese equivalent to the required achievement of students when finishing CHIN251.

R: CHIN201. Students who have learnt more than 450 Chinese characters, or have a level of spoken Chinese equivalent to the required achievement of students when finishing CHIN251.

RP: This course is designed for students who have completed CHIN152 or equivalent.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

CHIN251-22S1 (C) Semester 1**CHIN251-22S1 (D) Semester 1****CHIN252 Chinese Language 2-B**

15 Points 0.1250 EFTS

This course, following CHIN251 and still focusing on the four basic language skills of reading, writing, speaking and listening, is a Chinese language course, teaching how to communicate Chinese in social and semi-formal situations at an intermediate level, with an adequate cultural understanding of China.

P: CHIN251 or placement test. Students who have learnt more than 600 Chinese characters, or have a level of spoken Chinese equivalent to the required achievement of students when finishing CHIN252.

R: CHIN201. Students who have learnt more than 600 Chinese characters, or have a level of spoken Chinese equivalent to the required achievement of students when finishing CHIN252.

RP: This course is designed for students who have completed CHIN251 or equivalent.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

CHIN252-22S2 (C) Semester 2**CHIN252-22S2 (D) Semester 2****CHIN306 Global China on Screen**

30 Points 0.2500 EFTS

Not offered in 2022

A survey of Chinese cinema - the first one hundred years of the Chinese film industry, major Chinese film genres, social implications of film and the Chinese culture reflected through film. The course is taught in English and all Chinese films are subtitled.

P: Any 30 points at 200 level from CHIN, CINE, or CULT, or any 60 points at 200 level from the Schedule V of the BA.

R: CINE215, CHIN206 and CULT334

EQ: CULT334

CHIN310 Sinophone Studies: Society, Place, and Culture

30 Points 0.2500 EFTS

CHIN310 engages with the current academic trend of Sinophone studies in the global network. Separated from the traditional framework of China studies, Sinophone studies reconsiders the interconnectedness of China proper, its Autonomous Regions, and the overseas Sinophone communities with a focus on such topics as cultural history and landscape, cross-Strait relations, diaspora, postcolonialism, and globalisation.

P: Any 30 points at 200 level from CHIN, or any 60 points at 200 level from the Schedule V of the BA.

R: CHIN210

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

CHIN310-22S1 (C) Semester 1**CHIN311 Study Chinese in China Summer Programme 2**

15 Points 0.1250 EFTS

Not offered in 2022

The course comprises a study trip to China, where the student will take Chinese language lessons as well as cultural lessons and complete required course assessment at the approved university in China. There will be an orientation week on UC campus before the study trip and a week for final examinations on UC campus after the trip. The course is intended for students who have completed CHIN252.

P: At least B- in CHIN252 or equivalent and subject to approval of the Programme Director.

CHIN317 Independent Course of Study: Advanced Chinese Language Acquisition

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Programme Director.

R: CHIN401

CHIN351 Chinese Language 3-A

30 Points 0.2500 EFTS

This course, following CHIN252 and still focusing on the four basic language skills of reading, writing, speaking and listening, teaches how to perform semi-formal to formal conversations, and to read and write texts in Chinese at an early advanced level, with an adequate cultural understanding of China.

P: CHIN252 or placement test.

R: CHIN301. This course is not designed for students who are literate in Chinese and/or fluent speakers of Mandarin. Such students may not enrol in this course without the permission of the programme director. It is granted only if the course is considered appropriate to the level of competence of the student.

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

CHIN351-22S1 (C) Semester 1**CHIN351-22S1 (D) Semester 1****CHIN352 Chinese Language 3-B**

30 Points 0.2500 EFTS

This course, following CHIN351 and still focusing on the four basic language skills of reading, writing, speaking and listening, teaches how to perform formal conversations, and to read and write texts in Chinese at an advanced level, suitable in most study and work situations in China, when adequate supports are available.

P: CHIN351 or placement test.

R: CHIN301. This course is not designed for students who are literate in Chinese and/or fluent speakers of Mandarin. Such students may not enrol in this course without the permission of the programme director. It is granted only if the course is considered appropriate to the level of competence of the student.

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

CHIN352-22S2 (C) Semester 2**CHIN352-22S2 (D) Semester 2****CHIN353 Chinese Language 3-C**

30 Points 0.2500 EFTS

CHIN353 builds on the language skills acquired in CHIN352 and further develops and consolidates the four language skills of listening, speaking, reading and writing in Chinese. The course will use texts (both written texts and video clips) aimed at the native Chinese speakers. It covers a wide range of topics, including indigenous issues and Chinese culture and society. For developing writing and speaking skills, students will be required to do oral presentation, conduct student-led discussions, and write two short essays in Chinese.

P: CHIN352 or placement test

R: CHIN401

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

CHIN353-22S1 (C) Semester 1

PACE395 Internship

30 Points 0.2500 EFTS

What can you do with your major? With your degree? The purpose of the internship course is to explore both the ideological and practical assumptions guiding this question. The course is designed to be a critical, theoretical and "real-world" examination of the practices and ideologies inherent in both community and business organisations. You will apply the analytical skills acquired through your major, and through class seminars and readings, to a project designed by a local company or community group. Please check out the website for further information and specific project descriptions: www.arts.canterbury.ac.nz/internships

P: 150 points, special application and interview, and permission of the Internship Director.

R: ARTS395

EQ: ARTS395

Domestic Fee: \$1,570 (2021)

International Fee: \$7,000 (2021)

PACE395-21SU2 (C) Summer (Nov 21)**PACE395-22A (C) Starts Anytime****PACE395-22S1 (C) Semester 1****PACE395-22S2 (C) Semester 2**

Limited entry. See limitation of entry regulations. A student will be selected for a specific project. Only students accepted for projects will be allowed into the course. Please go to <http://www.arts.canterbury.ac.nz/internships> for more information.

Postgraduate

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

CHIN401 Advanced Chinese Language Acquisition

30 Points 0.2500 EFTS

This course builds on the language skills that students have acquired in the previous three years. Reading materials will include various topics and styles. Students are expected to summarise the reading in their own words, both oral and written, and to write reviews and essays in Chinese.

P: Subject to approval of the Programme Director.

R: CHIN353

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

CHIN401-22S1 (C) Semester 1**CHIN409 A Special Topic**

30 Points 0.2500 EFTS

An alternative appropriate topic in Chinese studies may be arranged after discussion between the student and teaching staff.

P: Subject to approval of the Programme Director.

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

CHIN409-22S2 (C) Semester 2**CHIN410 A Special Topic**

30 Points 0.2500 EFTS

Not offered in 2022

An alternative appropriate topic in Chinese studies may be arranged after discussion between the student and teaching staff.

P: Subject to approval of the Programme Director.

CHIN412 Independent Course of Study: Advanced Chinese Language Acquisition

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Programme Director.

R: CHIN401

CHIN415 Specialised Chinese Translation

30 Points 0.2500 EFTS

In connection with LANC404, this course puts particular emphasis on the cross-linguistic and cross-cultural features between English and Chinese languages. Students will develop practical skills to produce a translation and rendition (interpreting) that is pragmatically equivalent to original text. Entry into this course is limited to native and near-native speakers of Mandarin Chinese.

P: Subject to the approval of the Head of Department. Entry into this course is limited to native and near-native speakers of Mandarin Chinese. Students for whom Chinese is not their first language must have completed at least 60 points of Chinese language at 400-level, with a grade of at least a B+ average or have demonstrated equivalent competence in the language; or provided evidence of their Chinese language ability as follows: HSK (Hanyu Shuiping Kaoshi) Chinese Proficiency Test) Level 4; or provided evidence of their Chinese language ability as follows: TOCFL (Test of Chinese as a Foreign Language) Level 4.

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

CHIN415-22S2 (C) Semester 2**CHIN480 Research Essay**

30 Points 0.2500 EFTS

Not offered in 2022

In this course, students explore a research topic of their choice under the supervision of an appropriate staff member, subject to approval by the programme coordinator. This course is compulsory for all Honours students.

P: Subject to approval of the Programme Director.

CHIN650 MA Dissertation

60 Points 0.5000 EFTS

MA Dissertation

P: Subject to approval of the Head of Department.

Domestic Fee: \$3,610 (2021)

International Fee: \$16,500 (2021)

CHIN650-22A (C) Starts Anytime**CHIN650-22S1 (C) Semester 1****CHIN650-22S2 (C) Semester 2****CHIN690 MA Thesis**

120 Points 1.0000 EFTS

P: Subject to approval of the Programme Director.

Domestic Fee: \$7,220 (2021)

International Fee: \$33,000 (2021)

CHIN690-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval.

ECON199 Introduction to Microeconomics

15 Points 0.1250 EFTS

Scarcity, exchange and trade. Market analysis and policy. Consumer choice theory. Theory of the firm. Imperfect competition. Externalities and public goods. (ECON199 is offered under the STAR programme for secondary school students. Secondary School students only may enrol in this course.)

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

P: Subject to approval of the Head of Department.

R: ECON104

ECON199-22X (D) 21 Feb 2022 - 27 Nov 2022**CHIN790 Chinese PhD**

120 Points 1.0000 EFTS

P: Subject to approval of the Head of School.

Domestic Fee: \$7,220 (2021)

International Fee: \$33,000 (2021)

CHIN790-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.

Cinema Studies*Te Kura Kete Aronui | School of Humanities and Creative Arts***CINE101 Film Analysis In Focus**

15 Points 0.1250 EFTS

Not offered in 2022

An introduction to the fundamental principles of film form and style. Each class focuses upon a specific filmmaking technique in order to analyse its cinematic function and effect.

CINE102 The Backpacker's Guide to World Cinema

15 Points 0.1250 EFTS

This course identifies the formal, stylistic and thematic concerns that are shared, despite their apparent diversity, by a cross section of contemporary films. Students will analyse a selection of notable films from around the world that revise, resist or reject the standard practices or themes of mainstream cinema.

R: TAFS102

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

CINE102-22S1 (C) Semester 1

CINE104 The Oscar for Best Picture: The Envelope Please!

15 Points 0.1250 EFTS

This course will trace the trajectory of the Academy Awards: from 1930s screwball comedies and backstage musicals to celebrated wartime classics; from 1950s Minnelli musicals to 1980s post-Vietnam war films. It will provide a concentrated, thumbnail history of American Cinema, which challenges students to consider and question the formal criteria (cinematography, acting, sound, editing) upon which critical judgement is based. It will introduce students to the canonical classics of American Cinema, inviting them to explore diverse film genres and even the occasional Academy extravaganza.

Domestic Fee: \$799 (2021)
International Fee: \$3,600 (2021)

CINE104-22S2 (D) Semester 2
CINE104-22S2 (C) Semester 2

CINE201 Hollywood and Genre

15 Points 0.1250 EFTS

Not offered in 2022

An historical and critical study of genre in Hollywood film. Students will analyse the evolution and transformation of the conventions of key genres, such as the Science Fiction film, the Musical, Film Noir and Horror.

P: Any 15 points at 100 level from CINE, or any 60 points at 100 level from the Schedule V of the BA.

RP: CINE101 and CINE102

CINE202 Film and Theory

15 Points 0.1250 EFTS

Not offered in 2022

The class sets the foundations for a working knowledge of the major debates that have informed Cinema Studies. Students will gain the necessary tools to use and understand the language of film theory and criticism.

P: Any 15 points at 100 level from CINE, or any 60 points at 100 level from the Schedule V of the BA.

RP: CINE101 and CINE102

CINE203 Coming of Age in Global Cinema

15 Points 0.1250 EFTS

The coming-of-age experience is familiar to all social classes and cultures. Stories of youth after childhood are compellingly represented in films across the globe. In this course, we will examine the representation of adolescence within an international context, focusing primarily on the experience of youth beyond dominant Hollywood. We will closely analyse those films from across the globe that complicate our understanding of adolescent identity by acknowledging its intersection with other kinds of identification - in particular racial, class, national, and that of sexual orientation.

P: Any 15 points at 100 level from CINE or CULT, or any 60 points at 100 level from the Schedule V of the BA.

R: CINE303, CULT215
RP: CINE101, CINE102, CINE104
EQ: CINE303, CULT215

Domestic Fee: \$799 (2021)
International Fee: \$3,600 (2021)

CINE203-22S1 (C) Semester 1

CINE204 Film on the Faultline

15 Points 0.1250 EFTS

Not offered in 2022

This class treats the earthquake as an event that radically transforms our understanding of the limits and possibilities of cinema, as well as of life itself. Students will explore how, in one way or another, the films in the course unsettle the stable categories that govern our political, ethical, social and psychological position as regards self and other in the wake of a major disaster like an earthquake.

P: Any 15 points at 100 level from CINE, or any 60 points at 100 level from the Schedule V of the BA.

R: CINE221, CINE320, CINE304
RP: CINE101, CINE 102, CINE104

CINE210 Creative Writing for Screen

15 Points 0.1250 EFTS

Not offered in 2022

The objective of the course is to combine the development of students' creative writing with the practical skills and dramaturgic techniques of writing for film.

P: Any 15 points at 100 level from CINE or ENGL, or any 60 points at 100 level from the Schedule V of the BA.

R: ENGL234, ENGL238
EQ: ENGL238

Limited entry. See limitation of entry regulations.

CINE213 Kiriata: Māori Film and Media

15 Points 0.1250 EFTS

Not offered in 2022

This course examines the intersection of Māori identity in film, media and other creative works. It considers the political, historical, social, cultural and ideological influences that have shaped dominant mainstream constructions and counter-hegemonic representations of Māori and indigenous peoples in film, media and creative works. It also highlights the roles of artist, director and industry to produce Māori stories and aesthetics. A number of films will be screened throughout the course.

P: Any 15 points at 100 level from CINE, MAOR, or TREO, or any 60 points at 100 level from the Schedule V of the BA.

R: MAOR268
EQ: MAOR268

CINE214 European Novels and Film Adaptations

15 Points 0.1250 EFTS

A study of important European novels and film adaptations.

P: Any 15 points at 100 level from CINE, ENGL, EURA, GRMN, or RUSS, or any 60 points at 100 level from the Schedule V of the BA.

R: EULC204, EULC304, EURA204, EURA304, ENGL305, RUSS215, RUSS216
EQ: EURA204

Domestic Fee: \$799 (2021)
International Fee: \$3,600 (2021)

CINE214-22S1 (C) Semester 1

CINE215 Global China on Screen

15 Points 0.1250 EFTS

Not offered in 2022

Like in the West, Chinese cinema has held a significant share in the cultural industry since the first film was made in China in 1905. Being a cultural product, film has always been seen as reflection of its contemporary culture, despite various aspects it might have taken. Taking primarily a Cultural Studies approach, this course introduces Chinese culture, especially a series of its contemporary phenomena by surveying Chinese cinema. The course will be taught in English and all Chinese films are subtitled. By viewing the films in class and many more available in the well-resourced UC library on the course's recommendation and students' own interests, the course encourages students to further develop their study in one or more of the following areas: Studies of Chinese culture and society; Cross-cultural studies with a focus on China/Asia and beyond; Cultural studies with a special emphasis on postmodernism (including postcolonialism) and Third World culture; Film studies focusing on national cinema. CHIN206 and CINE215 are the same course.

P: Any 15 points at 100 level from CHIN or CINE, or any 60 points at 100 level from the Schedule V of the BA.

R: CHIN206, CHIN306
EQ: CHIN206

CINE223 Cinematic Sin and Sensuality

15 Points 0.1250 EFTS

Not offered in 2022

This course addresses the myriad and often conflicting ways that sex and sexuality have been represented throughout the history of Western cinema, with an emphasis upon Hollywood and American independent film.

P: Any 15 points at 100 level from CINE or CULT, or any 60 points at 100 level from the Schedule V of the BA.

R: CULT214
RP: CINE101, CINE102, CINE104
EQ: CULT214

CINE224 Children's Classics: Popular Children's Texts and their Representation on Film

15 Points 0.1250 EFTS

Not offered in 2022

Children's Classics teaches the genre-specific nature of children's literature, its socio-historical contexts, and the significance of its re-readings as film. It introduces a selection of enduring children's texts, illustrating the importance to literary production of changing cultural context, demonstrating the importance of intertextuality in children's literature and how texts change when filmed, and promotes the skills of reading and writing.

P: Any 15 points at 100 level from CINE or ENGL, or any 60 points at 100 level from the Schedule V of the BA.

R: ENGL213

CINE225 The Cinema of Contagion

15 Points 0.1250 EFTS

Not offered in 2022

This course asks how a 'cinema of contagion' might offer a lens through which we can better understand our precarious place in this world. It considers contagion in a literal sense, by exploring how a variety of international films from the 20th and 21st centuries represent illness, viral outbreaks, plagues, parasitic invasions, and social controls such as quarantine measures. It analyses how filmmakers use contagion metaphorically or allegorically, including as an aesthetic strategy. It also explores how questions of embodiment, subjectivity and mortality are explored through different genres and national cinemas.

P: Any 15 points at 100 level from CINE, or any 60 points at 100 level from the Schedule V of the BA.

CINE301 Film History: The Sixties and the New Wave

30 Points 0.2500 EFTS

A survey of the New Wave movements which swept cinema in the 60's, with an emphasis on the nouvelle vague in France.

P: Any 30 points at 200 level from CINE, or any 60 points at 200 level from the Schedule V of the BA.

R: CULT321

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

CINE301-22S2 (C) Semester 2**CINE302 Documentary: From the Margins to the Mainstream**

30 Points 0.2500 EFTS

This course examines the artistic, ethical and political principles that govern the representation of reality in contemporary documentary film.

P: Any 30 points at 200 level from CINE or CULT, or any 60 points at 200 level from the Schedule V of the BA.

R: CULT322

EQ: CULT322

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

CINE302-22S1 (C) Semester 1**CINE303 Coming of Age in Global Cinema**

30 Points 0.2500 EFTS

Not offered in 2022

The coming-of-age experience is familiar to all social classes and cultures. Stories of youth after childhood are compellingly represented in films across the globe. In this course, we will examine the representation of adolescence within an international context, focusing primarily on the experience of youth beyond dominant Hollywood. We will closely analyse those films from across the globe that complicate our understanding of adolescent identity by acknowledging its intersection with other kinds of identification - in particular racial, class, national, and that of sexual orientation.

P: Any 30 points at 200 level from CINE or CULT, or any 60 points at 200 level from the Schedule V of the BA.

R: CINE203, CULT215

CINE304 Film on the Faultline

30 Points 0.2500 EFTS

Not offered in 2022

This class treats the earthquake as an event that radically transforms our understanding of the limits and possibilities of cinema, as well as of life itself. Students will explore how, in one way or another, the films in the course unsettle the stable categories that govern our political, ethical, social and psychological position as regards self and other in the wake of a major disaster like an earthquake.

P: Any 30 points at 200 level from CINE, or any 60 points at 200 level from the Schedule V of the BA.

R: CINE221, CINE320, CINE204

RP: CINE201, CINE202, CINE203

CINE321 Special Topic

30 Points 0.2500 EFTS

Not offered in 2022

P: Any 30 points at 200 level from CINE, or any 60 points at 200 level from the Schedule V of the BA.

PACE395 Internship

30 Points 0.2500 EFTS

What can you do with your major? With your degree? The purpose of the internship course is to explore both the ideological and practical assumptions guiding this question. The course is designed to be a critical, theoretical and "real-world" examination of the practices and ideologies inherent in both community and business organisations. You will apply the analytical skills acquired through your major, and through class seminars and readings, to a project designed by a local company or community group. Please check out the website for further information and specific project descriptions: www.arts.canterbury.ac.nz/internships

P: 150 points, special application and interview, and permission of the Internship Director.

R: ARTS395

EQ: ARTS395

Domestic Fee: \$1,570 (2021)

International Fee: \$7,000 (2021)

PACE395-21SU2 (C) Summer (Nov 21)**PACE395-22A (C) Starts Anytime****PACE395-22S1 (C) Semester 1****PACE395-22S2 (C) Semester 2**

Limited entry. See limitation of entry regulations. A student will be selected for a specific project. Only students accepted for projects will be allowed into the course. Please go to <http://www.arts.canterbury.ac.nz/internships> for more information.

Civil Engineering

Te Tari Pūhanga Metarahi, Rawa Taiao | Department of Civil and Natural Resources Engineering

ENC199 Health & Safety on the Worksite

0 Points 0.0000 EFTS

Compulsory site safe course for Civil and Natural Resources Engineering students.

P: Approval into the First Professional Year of Civil or Natural Resources Engineering.

Domestic Fee: \$0 (2021)

International Fee: \$0 (2021)

ENC199-22A (C) Starts Anytime**ENC199-22W (C) Whole Year (S1 and S2)****ENCN201 Communication Skills Portfolio 1**

0 Points 0.0000 EFTS

Introduction to communication skills required by practicing professional engineers.

P: Entry to first professional year of CNRE.

Domestic Fee: \$0 (2021)

International Fee: \$0 (2021)

ENCN201-22A (C) Starts Anytime**ENCN205 Applied Data Analysis for Civil and Natural Systems**

15 Points 0.1250 EFTS

Applied Data Analysis for Civil and Natural Resources Engineers provides an analytical foundation for subsequent third and fourth year courses, providing fundamental skills in geospatial analysis, exploratory data analysis, hypothesis testing and regression, and network simulation. These generic skills are developed using real-world examples and datasets, and are applicable in subsequent courses in both the Civil and Natural Resources Engineering streams in the undergraduate degree programme. The course is based on a series of weekly computer laboratories, supported by recorded lectures, tutorials and readings.

P: COSC131, EMTH210

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENCN205-22S2 (C) Semester 2**ENCN213 Structural Design Studio**

15 Points 0.1250 EFTS

Loads and load paths in buildings and bridges. Design calculations for timber and steel structures. Engineering drawing. Construction and testing of simple structures.

P: Subject to approval of the Dean of Engineering and Forestry

R: ENCI211

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENCN213-22S2 (C) Semester 2**ENCN221 Engineering Materials**

15 Points 0.1250 EFTS

Introduction to engineering materials. Materials science. Metals, granular materials, asphalt, concrete, masonry, timber, plastics/ceramics. Sustainability issues and material selection.

P: Subject to approval of the Dean of Engineering and Forestry

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENCN221-22S1 (C) Semester 1**ENCN231 Solid Mechanics**

15 Points 0.1250 EFTS

Introduction to solid and structural mechanics: analysis of statically determinate structures; stress and strain; behaviour of beams and columns; analysis of deformations; torsion.

P: Subject to approval of the Dean of Engineering and Forestry

R: ENCI230, ENCI234

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENCN231-22S1 (C) Semester 1**ENCN242 Fluid Mechanics and Hydrology**

15 Points 0.1250 EFTS

Fluid Properties. Hydrostatics. Mass, energy and momentum fluxes. Applications to hydraulic systems. Water resources and global climates. Stream and groundwater flow.

P: Subject to approval of the Dean of Engineering and Forestry

R: ENCI241

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENCN242-22S2 (C) Semester 2

ENCN253 Soil Mechanics

15 Points 0.1250 EFTS

Properties and behaviour of rocks. Formation, properties and classification of soils. Strength and stiffness of soils. Applications to slopes, retaining walls, and site characterisation.

P: Subject to approval of the Dean of Engineering and Forestry

R: ENCI252, ENCI271

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENCN253-22S2 (C) Semester 2**ENCN281 Environmental Engineering**

15 Points 0.1250 EFTS

Water quality parameters; mass balances; kinetics; surface water quality modelling; ecological systems; treatment of water, wastewater, solid and hazardous wastes; air pollution.

P: Subject to approval of the Dean of Engineering and Forestry

R: ENNR203, ENCI383

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENCN281-22S1 (C) Semester 1**ENCI335 Structural Analysis and Systems 1**

15 Points 0.1250 EFTS

Structural forms, systems and load paths. Modelling and analysis of indeterminate structures. Energy methods and virtual work. Introduction to structural dynamics and the response of structures to earthquakes.

P: ENCN231, EMTH210

R: ENCI334

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENCI335-22S1 (C) Semester 1**ENCI336 Behaviour and Design of Structures 1**

15 Points 0.1250 EFTS

Concrete and steel as structural materials. Design of members for tension, compression, shear, and flexure. Welded and bolted connections. Limit-state design concepts. Serviceability.

P: ENCN213, ENCN221, ENCN231

R: ENCI332, ENCI333

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENCI336-22S2 (C) Semester 2**ENCN301 Communication Skills Portfolio 2**

0 Points 0.0000 EFTS

Development of communication skills required by practicing professional engineers. Sketches, oral presentation, and various types of written reports.

P: ENCN201

Domestic Fee: \$0 (2021)

International Fee: \$0 (2021)

ENCN301-22A (C) Starts Anytime**ENCN304 Deterministic Mathematical Methods**

15 Points 0.1250 EFTS

Analytical and numerical methods for engineering problems. Vector calculus. Systems of linear equations. Systems of ordinary differential equations. Partial differential equations.

P: EMTH210

C: ENCN305

R: ENCI302

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENCN304-22S1 (C) Semester 1**ENCN305 Programming, Statistics and Optimization**

15 Points 0.1250 EFTS

Computer programming. Descriptive statistics. Monte Carlo and Bootstrapping methods. Design of experiments. Linear regression and generalized linear modelling. Optimization and linear programming.

P: EMTH210

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENCN305-22S1 (C) Semester 1**ENCN342 Hydraulics and Applied Hydrology**

15 Points 0.1250 EFTS

Open channel flow; pipe networks; scale and dimensional analysis; flow of surface and ground water; urban drainage; catchment hydrological modelling.

P: ENCN242

R: ENCI341

EQ: ENCN342

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENCN342-22S2 (C) Semester 2**ENCN347 Stormwater systems engineering**

15 Points 0.1250 EFTS

Interdisciplinary nature of stormwater management. Pollutant characteristics and receiving environments. Water-sensitive design. Erosion management. Engineered treatment systems. Lab and field experiences.

P: ENCN242, ENCN281

R: ENNR322

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENCN347-22S2 (C) Semester 2**ENCN353 Geotechnical Engineering**

15 Points 0.1250 EFTS

Mohr's circle; time-dependent soil behaviour; settlement; capacity and failure of foundations; field investigations; slope stability; earth pressure theories and retaining structures.

P: ENCN253

R: ENCI351

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENCN353-22S1 (C) Semester 1**ENCN371 Project and Infrastructure Management**

15 Points 0.1250 EFTS

Project and infrastructure asset management, procurement methods, estimating, finance and accounting, economic appraisal, uncertainty and decision-making.

R: ENCI363, ENCI403

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENCN371-22S2 (C) Semester 2**ENCN375 Systems Engineering for a Changing Climate**

15 Points 0.1250 EFTS

Engineering within planetary boundaries. Social, cultural, and economic factors. Risk and systems. Engineering ethics. Case studies of mitigation and adaptation options.

P: ENCN201 (for basics of engineering writing)

R: ENCN470

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENCN375-22S2 (C) Semester 2**ENCI413 Integrated Civil Engineering Design**

30 Points 0.2500 EFTS

Integrated design of complex civil engineering projects; professional and teamwork analysis; economic, environmental, and bicultural issues; life-long learning.

P: EMTH210, ENCI199, ENCN201, ENCN213, ENCN221, ENCN231, ENCN242, ENCN253, ENCN261,

ENCN281, ENCN 301, ENCN 371

R: ENCI313, ENNR313

EQ: ENNR413

Domestic Fee: \$2,266 (2021)

International Fee: \$11,250 (2021)

ENCI413-22S2 (C) Semester 2**ENCI436 Behaviour and Design of Structures 2**

30 Points 0.2500 EFTS

This course covers the behaviour and design of structural systems, considering the main structural materials currently used in New Zealand - timber, steel and reinforced concrete structures. The course builds on the basics of member design techniques for steel, reinforced concrete and timber structures, introduced in previous courses, to provide students with the skills and knowledge required for the design of typical structural systems.

P: EMTH210, ENCI199, ENCN201, ENCN213, ENCN221, ENCN231, ENCN242, ENCN253, ENCN261,

ENCN281, ENCI335, ENCI336

C: ENCI438

R: ENCI425, ENCI426, ENCI427

Domestic Fee: \$2,266 (2021)

International Fee: \$11,250 (2021)

ENCI436-22S1 (C) Semester 1

ENCI437 Structural Analysis and Systems 2

15 Points 0.1250 EFTS

Direct stiffness method of analysis; static and kinematic condensation; non-uniform torsion; geometric and material nonlinear analysis; rigid-plastic analysis; dynamic analysis of multiple-degree-of-freedom systems

P: EMTH210, ENCI199, ENCN201, ENCN213, ENCN221, ENCN231, ENCN242, ENCN253, ENCN261,

ENCN281, ENCI335, ENCI336

R: ENCI423

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENCI437-22S1 (C) Semester 1**ENCI438 Introduction to Structural Earthquake Engineering**

15 Points 0.1250 EFTS

This course introduces analytical methods and design concepts in structural earthquake engineering. The course covers fundamentals of seismic hazard and seismic demands on typical structures and components, as well as key concepts and techniques used to analyse, design, and understand the behaviour of structures under earthquake loads.

P: EMTH210, ENCI199, ENCN201, ENCN213, ENCN221, ENCN231, ENCN242, ENCN253, ENCN261,

ENCN281, ENCI335, ENCI336

R: ENCI429

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENCI438-22S1 (C) Semester 1**ENCI445 Environmental Fluid Mechanics**

15 Points 0.1250 EFTS

Not offered in 2022

Description and modelling of turbulence. Near and far field mixing behaviour. Dispersion in rivers, jets, plumes. Outfall design. Introduction to wave theory, including wave dispersion and forces.

P: ENCI 313 or ENNR 313, ENCN 342, ENCN 304

ENCI475 Independent Course of Study

15 Points 0.1250 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,114 (2021)

International Fee: \$5,500 (2021)

ENCI475-21SU2 (C) Summer (Nov 21)**ENCI475-22S1 (C) Semester 1****ENCI475-22W (C) Whole Year (S1 and S2)****ENCI475-22S2 (C) Semester 2****ENCI496 Special Topic**

15 Points 0.1250 EFTS

Not offered in 2022**ENCI498 Special Topic**

15 Points 0.1250 EFTS

Not offered in 2022*Limited entry. See limitation of entry regulations.***ENCN401 Engineering in Developing Communities**

15 Points 0.1250 EFTS

Water supply and sanitation (solid and liquid waste management) issues in developing communities, agricultural issues and impacts of land-use changes, humanitarian aid during natural disaster relief, engineering in a cultural and sustainable context using appropriate technology.

P: EMTH210, ENCI199, ENCN201, ENCN213, ENCN221, ENCN231, ENCN242, ENCN253, ENCN261,

ENCN281

R: ENNR451

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENCN401-22S1 (C) Semester 1**ENCN412 Traffic Engineering**

15 Points 0.1250 EFTS

Transport planning. Traffic flow theory. Roadway and intersection design. Road safety. Traffic surveys. Transport project evaluation. Environmental impacts. Traffic management.

P: EMTH210, ENCI199, ENCN201, ENCN213, ENCN221, ENCN231, ENCN242, ENCN253, ENCN261,

ENCN281

R: ENCI412

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENCN412-22S1 (C) Semester 1**ENCN415 Pavement Engineering**

15 Points 0.1250 EFTS

Effect of traffic and environment on pavement. Analysis of stress from axle loads. Characterisation of pavement materials. Empirical and mechanistic-empirical design methods.

P: EMTH210, ENCI199, ENCN201, ENCN213, ENCN221, ENCN231, ENCN242, ENCN253, ENCN261,

ENCN281

R: ENCI415

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENCN415-22S1 (C) Semester 1**ENCN441 Fluid Mechanics of Environmental Systems**

15 Points 0.1250 EFTS

Navier-Stokes equations. Scale and dimensional analysis. Description and modelling of turbulence. Dispersion in rivers. Dynamics of jets and plumes and applications to building ventilation.

P: ENCN342, ENCN304

R: ENCN445

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENCN441-22S1 (C) Semester 1**ENCN442 Integrated Surface Water and Groundwater Engineering**

15 Points 0.1250 EFTS

Dynamics of interacting surface water and groundwater systems including conceptual and numerical modelling of surface processes, recharge, abstraction, stream-aquifer interactions. Water resource demands and catchment management.

P: ENCN342

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENCN442-22S1 (C) Semester 1**ENCN446 Fluid Mechanics of Built Systems**

15 Points 0.1250 EFTS

Pipeline unsteady flow; pipe networks; ocean waves; coastal engineering; time and frequency domain modelling.

P: ENCN342, ENCN304

R: ENCN444, ENCN445

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENCN446-22S1 (C) Semester 1**ENCN452 Advanced Geotechnical Engineering**

15 Points 0.1250 EFTS

Stress-strain behaviour of soils. Critical-state soil mechanics. Approximations and limitations for geotechnical analyses. Piles under axial and lateral loading. Shallow foundations.

P: EMTH210, ENCI199, ENCN201, ENCN213, ENCN221, ENCN231, ENCN242, ENCN253, ENCN261,

ENCN281, ENCN353

R: ENCI452

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENCN452-22S1 (C) Semester 1**ENCN454 Introduction to Geotechnical Earthquake Engineering**

15 Points 0.1250 EFTS

Seismic behaviour of retaining walls, shallow and deep foundations, embankments, and slopes. Liquefaction. Case studies, design applications, and advanced methods of analysis.

P: EMTH210, ENCI199, ENCN201, ENCN213, ENCN221, ENCN231, ENCN242, ENCN253, ENCN261,

ENCN281, ENCN353

R: ENCI620

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENCN454-22S1 (C) Semester 1**ENCN470 Professional Engineering Development**

15 Points 0.1250 EFTS

Not offered in 2022

Professional issues in Civil and Natural Resources Engineering. Society and environment, ethics, communication skills, historical developments, future engineering issues, and system thinking.

P: ENCN301 (in 2014 and beyond)

R: ENCI403

Civil Engineering

ENCN482 Site Assessment and Remediation

15 Points 0.1250 EFTS

Not offered in 2022

Soil and groundwater contamination; aqueous and non-aqueous contaminant fate and transport; containment methods; remediation options; New Zealand regulation and risk applications.

P: ENCN281

R: ENCN481

ENCN493 Project

30 Points 0.2500 EFTS

Engineering Research Project

P: EMTH210, ENCI199, ENCN201, ENCN213, ENCN221, ENCN231, ENCN242, ENCN253, ENCN261, ENCN281, ENCN301

R: ENCI493, ENCI494, ENCN494

Domestic Fee: \$2,266 (2021)

International Fee: \$11,250 (2021)

ENCN493-22X1 (C)

ENCN493-22X2 (C)

ENCN497 Special Topic In Civil Engineering

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Head of Department

ENGR403 Fire Engineering

15 Points 0.1250 EFTS

Introduction to Fire Engineering. Fire ignition, flame spread and flame height. The performance of construction materials and fire resistance. People movement and behaviour during fires. Fire detection, suppression and smoke extract systems. Wildland fires, fire investigation, fire-fighting.

P: Subject to approval of the Director of Studies

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENGR403-22SU1 (C) Summer (Jan 22)

ENGR403-22S1 (C) Semester 1

ENGR409 Design of Drinking Water and Wastewater Treatment Systems

15 Points 0.1250 EFTS

Project-based design for water and wastewater treatment. Water quality, design flows and loadings, physical primary treatment, biological secondary treatment, disinfection. Drinking water laboratories.

P: ENCN281 or completion of Year 2 of Chemical and Process Engineering degree requirements.

R: ENCN481

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENGR409-22S1 (C) Semester 1

Postgraduate

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

ENCI601 Risk Management

15 Points 0.1250 EFTS

Risk concepts; context and perceptions; risk identification, analysis, evaluation and treatment; quantitative and qualitative risk analysis; ethical issues and risk communication; applications and case studies.

P: Subject to approval of the Director of Studies

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENCI601-22S1 (C) Semester 1

ENCI609 Special Topic

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Director of Studies

ENCI610 Special Topic: Infrastructure Systems - Criticality and Lifelines

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Director of Studies

ENCI621 Concrete Materials and Practice

15 Points 0.1250 EFTS

Not offered in 2022

Advanced concrete materials.

P: Subject to approval of Programme Director.

ENCI630 Special Topic: Predictive Analytics for Civil and Natural Systems

15 Points 0.1250 EFTS

Not offered in 2022

The course provides instruction on how to use machine learning and data analysis for predictive modelling and insight into complex, interdisciplinary problems. The course will introduce a series of machine learning models and will heavily focus on their appropriate use with respect to validation, communication, and potential ethical issues. This course will be suitable for students from a variety of fields and examples will be taken from civil and natural systems engineering, disaster risk and resilience, urban planning, and public health. It will be primarily an applied course with programming being a heavy component throughout. Knowledge, or quick study, of Python3 is expected. A major component of the course will be a research-based term project where students will integrate multiple, diverse data sources to gain strong predictive accuracy and insight.

P: Subject to approval of the Head of Department.

ENCI634 Engineering Chemistry for Water Systems

15 Points 0.1250 EFTS

Application of principles of physical chemistry to the description and composition of natural waters and engineering treatment of drinking water and wastewater. Studies of acid/base chemistry, complexation, precipitation, and oxidation-reduction potential chemistry.

P: Subject to approval of the Programme Director

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENCI634-22S2 (C) Semester 2

ENCI637 Marine Pollution Modelling

15 Points 0.1250 EFTS

Not offered in 2022

This course explores applications of fluid mechanics and hydraulic concepts in the modelling of marine pollution problems. The focus is on near field mixing from point sources of pollution. Although taught in a specific context, the approaches to modelling these mixing processes have numerous applications in other areas, such as volcanic eruptions, air pollution and fire engineering. A detailed treatment of the behaviour of wastewater once it is released into the environment is given. Those factors that influence the dilution of the effluent as it rises to the ocean surface are considered including the formation of jets, plumes and buoyant jets, as are the influences of ambient motion, ambient stratification and boundaries. The formation of surface fields and the influence of ambient mixing processes are also discussed.

P: Subject to approval of the Head of Department.

ENCI638 Environmental Fluid Dynamics

15 Points 0.1250 EFTS

Not offered in 2022

Introduction to environmental fluid dynamics - physical mechanisms. Turbulence - structure of turbulent flows, governing equations, scales, turbulence modeling, turbulent jet case study, turbulent mixing in the environment, turbulent dispersion in rivers, and turbulent jets. Buoyancy effects - governing equations and scale analysis for free and forced convection, gravity currents case study, convection in horizontal layers, plumes, waves.

P: Subject to approval of the Head of Department.

ENCI639 Advanced Water Hammer Analysis and Design

15 Points 0.1250 EFTS

Not offered in 2022

The course will focus on the modelling of water hammer in pipelines for unsteady pipeline design. Technical material in this course includes the modelling of advanced hydraulic elements such as surge vessels, check valves and pipe constrictions. The response of the system will be analysed in both the time and frequency domain using fundamental signal processing techniques. Students will be required to do their own research to determine how best to model complex hydraulic elements in their system.

P: ENNR 404.

RP: Students should have a good understanding of how unsteady flow can be modelled using method of characteristics prior to taking this course. Strong coding skills in Matlab (or another language) is required

ENCI646 Flood Analysis, Modelling and Management

15 Points 0.1250 EFTS

Extreme value statistics; Flood modelling and uncertainty assessment; Flood protection; Risk assessment; Damage cost estimation.

P: Subject to approval of the Head of Department or the Programme Director. The expected level of previous experience is detailed in the course outline.

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENCI646-22S2 (C) Semester 2

ENCI648 Special Topic: Water Demand and Supply

15 Points 0.1250 EFTS

Estimation of water demand and supply through measurement (in situ and remote sensing), statistical and stochastic analysis and modelling; optimisation of water allocation and costs in different contexts.

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENCI648-22S1 (C) Semester 1**ENCI657 Special Topic**

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Head of Department.

ENCI670 Special Topic

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Head of Department.

ENCI675 Independent Course of Study

15 Points 0.1250 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,114 (2021)

International Fee: \$5,500 (2021)

ENCI675-21SU2 (C) Summer (Nov 21)**ENCI675-22S1 (C) Semester 1****ENCI675-22W (C) Whole Year (S1 and S2)****ENCI675-22S2 (C) Semester 2****ENCI677 Advanced Wastewater Treatment**

15 Points 0.1250 EFTS

Biological processes and complementary physical/chemical processes. Assessment and design of suspended growth, biofilm, and membrane technologies. Modelling approaches and advanced laboratory procedures.

P: ENCN281 and ENCN481 or equivalent

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENCI677-22S2 (C) Semester 2*Limited entry. See limitation of entry regulations***ENCI680 Civil ME Project [Full Time]**

72 Points 0.6000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$5,437 (2021)

International Fee: \$27,000 (2021)

ENCI680-22A (C) Starts Anytime**ENCI682 Special Topic Civil Engineering - Project**

30 Points 0.2500 EFTS

P: Subject to approval of the Head of Department

Domestic Fee: \$2,266 (2021)

International Fee: \$11,250 (2021)

ENCI682-22A (C) Starts Anytime**ENCI689 Special Topic**

15 Points 0.1250 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENCI689-22S1 (C) Semester 1**ENCI690 Civil ME Thesis**

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$8,697 (2021)

International Fee: \$45,000 (2021)

ENCI690-22A (C) Starts Anytime*Part-time enrolment (0.65 EFTS) is available on approval.***ENCI692 Special Topic**

15 Points 0.1250 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENCI692-22S1 (C) Semester 1**ENCI693 Special Topic**

15 Points 0.1250 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENCI693-22S2 (C) Semester 2**ENCN665 Time series analysis and signal processing in civil engineering**

15 Points 0.1250 EFTS

Not offered in 2022

Time frequency analysis; digital filter design; stationary time series models; stationary & dynamic filtering; nonlinear regression

P: EMTH210, ENCN304 and ENCN305 or equivalent

*Limited entry. See limitation of entry regulations.***ENCN668 Smart Transportation Networks**

15 Points 0.1250 EFTS

Not offered in 2022

Intelligent Transportation Systems; data fusion; big data analytics

P: ENCN305, ENCN412 or equivalent

ENEQ676 Special Topic: Advanced Reinforced Concrete

15 Points 0.1250 EFTS

Studies of the behaviour and strength of reinforced concrete structures and elements, long-term volumetric changes, deflections, shear, bond, cracking, 'progressive' collapse, response to impulsive and cyclic demands. Review of historical and state-of-the-art research and pertinent literature. Emphasis is placed on the evaluation of existing structures and the background, use, and limitations of present design specifications and evaluation methods.

P: ENCI436 or equivalent

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENEQ676-22S2 (C) Semester 2**ENCI790 Civil Engineering PhD**

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$8,697 (2021)

International Fee: \$45,000 (2021)

ENCI790-22A (C) Starts Anytime

*Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Classics

School of Humanities and Creative Arts

CLAS104 Greek Mythologies

15 Points 0.1250 EFTS

Not offered in 2022

This course focuses on one of the great mainstays of Western culture that has endured for over 3,000 years: myths told by the Greeks in their literature and art to explain everything from the origins of the cosmos to the end of the heroic age. Themes include: the rise of Zeus and the Olympians to power; Demeter and Dionysos; Prometheus and the origins of human technology; heroes such as Heracles, Oedipus, Achilles, Odysseus as well as figures such Medea and Helen of Troy. In addition to analysis of ancient material, there will also be discussion of the vast influence of Greek myth on subsequent western art, literature and film from Botticelli and Byron to Brad Pitt and more.

R: CLAS102, CLAS103, CLAS107

CLAS105 Roman Mythologies

15 Points 0.1250 EFTS

Not offered in 2022

An introduction to Roman myths and the mythology of "Empire" and the way these are disseminated (or subverted) in literature and art. Topics include legendary figures (eg Aeneas and Romulus) as well as historical figures of legendary status (eg Spartacus, Cleopatra and Nero).

R: CLAS102, CLAS103

CLAS106 Ancient Egyptian Art
15 Points 0.1250 EFTS**Not offered in 2022**

An introduction to Egyptian Art from the pre-dynastic to the Roman period.

CLAS111 Greek History
15 Points 0.1250 EFTS**Not offered in 2022**

The history of the Greek world from Homer to the Hellenistic age.

CLAS112 Roman History
15 Points 0.1250 EFTS**Not offered in 2022**

The history of the Roman world from the Etruscans to the late Roman Empire.

R: CLAS113

CLAS120 People, Places and Histories of the Graeco-Roman World
15 Points 0.1250 EFTS

In this course we will survey events in antiquity from Homer through to the Roman Emperor Constantine. On the way we will explore the world of fifth century Athens, gaining an insight into the society that established democracy and move on to appreciate Alexander's campaigns and the formation of the Hellenistic kingdoms after his death. We will also turn to the west of the Mediterranean Sea and investigate the development of Rome from a small town to the capital of a large Empire, its constitutional transformations and the social impact of those changes on people's sense of place and identity.

R: CLAS111; CLAS112; CLAS113

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

CLAS120-22S1 (C) Semester 1**CLAS120-22S1 (D) Semester 1****CLAS122 Myth, Power and Identity in the Graeco-Roman World**
15 Points 0.1250 EFTS

In this course students will consider how the Greeks and the Romans thought of themselves and others in their mythology and social power structures. Students will gain an understanding of ancient cosmic world-views, gender issues, colonisation and identity in Archaic and Classical Greece and Augustan Rome, and the relevance of such ideas now. Students will read, analyse and interpret ancient literary texts (selections from epic, tragedy, etc.) and material culture (art and architecture) that depict Greek and Roman myths as well as expressing ancient political and social views.

R: CLAS104; CLAS105

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

CLAS122-22S2 (C) Semester 2**CLAS122-22S2 (D) Semester 2****CLAS134 Beginners' Greek A**
15 Points 0.1250 EFTS**Not offered in 2022**

An introduction to Greek grammar and reading Greek. Students learn the language and literature of primarily Athens of the fifth and fourth centuries BC, and focus on texts closely modelled on authors such as Plato, Aristophanes and more. The course involves some study of the cultural background of these texts, including the philosophy of Socrates, life during wartime and the role of women in ancient Greece.

R: CLAS131

CLAS135 Beginner's Greek
15 Points 0.1250 EFTS

An introduction to Ancient Greek grammar and to the reading of Ancient Greek texts, building on from the material learnt in CLAS151. Students, in this course, concentrate on Ancient Greek only, learning the language of fifth century Athens through the reading of texts. The dialect we learn is Attic Greek, which, when learnt, will enable access to other Greek dialects including New Testament Greek.

P: CLAS151, or by approval of the Head of Department.

R: CLAS131

EQ: CLAS135

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

CLAS135-22S2 (C) Semester 2**CLAS144 Beginners' Latin A**
15 Points 0.1250 EFTS**Not offered in 2022**

An introduction to Latin grammar and to reading Latin.

R: CLAS143

CLAS145 Beginners' Latin
15 Points 0.1250 EFTS

An introduction to Latin grammar and to reading Latin, following on from CLAS151.

P: CLAS151 or by approval of the Head of Department

R: CLAS143

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

CLAS145-22S2 (C) Semester 2**CLAS145-22S2 (D) Semester 2****CLAS151 Greek and Latin for Absolute Beginners**
15 Points 0.1250 EFTS

This course introduces Greek, Latin grammar to students by way of English grammar. At the end of the course students will understand the most important basic grammatical concepts in Greek and Latin and will have a working vocabulary of about 75 words in each language. They will be prepared to continue more intensive study in Greek and/or Latin.

R: CLAS 134, CLAS 144, CLAS 143, CLAS 131

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

CLAS151-22S1 (C) Semester 1**CLAS151-22S1 (D) Semester 1****CLAS201 Theatre and Performance in the Ancient World**
15 Points 0.1250 EFTS**Not offered in 2022**

A study of selected Greek and Roman tragic plays (in translation) and of aspects of performance and rhetoric.

P: Any 15 points at 100 level from CLAS, or any 60 points at 100 level from the Schedule V of the BA.

R: CLAS321

RP: Any 100-level course in CLAS.

CLAS206 Greek Art: The Power of Images in Archaic and Classical Greece
15 Points 0.1250 EFTS**Not offered in 2022**

We focus on the brilliant achievements of the Greeks in architecture, figurative painting, sculpture and other media that have been influential for centuries. We see what these meant in their broader cultural context, including Greek myth and history, as well as Greek interaction with cultures of Egypt and the Middle East. Students in this course have a chance to work directly with the splendid artefacts from the James Logie Memorial Collection (including Greek vases) now housed in the Teece Museum.

P: Any 15 points at 100 level from ARTH or CLAS, or any 60 points at 100 level from the Schedule V of the BA.

R: ARTH216, CLAS336

RP: Any 100-level course in CLAS.

EQ: ARTH216

CLAS207 Roman Art and Architecture
15 Points 0.1250 EFTS**Not offered in 2022**

A survey of Roman art, architecture and material culture from 753 BC to the 2nd century AD, with particular reference to objects in the James Logie Memorial Collection.

P: Any 15 points at 100 level from CLAS, or any 60 points at 100 level from the Schedule V of the BA.

RP: Any 100-level course in CLAS.

CLAS208 Archaeology of the Ancient Mediterranean World
15 Points 0.1250 EFTS

This course introduces the basic principles of archaeology as a discipline. It will focus on the main categories of evidence for Classical Archaeology and will use examples drawn from sites in the Mediterranean basin from 3000 BCE- 400 CE. The course will also use artefacts in the collections of the Teece Museum and the Canterbury Museum.

P: Any 15 points from 100 level in CLAS, or any 60 points at 100 level from the Schedule V of the BA, or 60 points at 100 level from any other bachelor's degree.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

CLAS208-22S2 (C) Semester 2**CLAS213 Alexander the Great**
15 Points 0.1250 EFTS

A survey of the career of Alexander the Great (336 to 323 BC) with special attention to problems of source interpretation.

P: Any 15 points at 100 level from CLAS, or any 60 points at 100 level from the Schedule V of the BA.

R: CLAS313

RP: CLAS 111 or any 100-level course in CLAS.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

CLAS213-22S1 (C) Semester 1

CLAS214 Imperial Rome

15 Points 0.1250 EFTS

Not offered in 2022

Roman history, society and culture under the early emperors as represented by the literary sources and material remains.

P: Any 15 points at 100 level from CLAS, or any 60 points at 100 level from the Schedule V of the BA.
R: CLAS318

CLAS219 Sport and Leisure in the Ancient World

15 Points 0.1250 EFTS

A study of the impact of sport and leisure on various aspects of ancient life and their modern reconstructions. Note: course requirements in this combined 200 and 300-level course will be appropriate to the level at which the student is enrolled.

P: Any 15 points at 100 level from CLAS, or any 60 points at 100 level from the Schedule V of the BA.

R: CLAS319

RP: Any 100-level course in CLAS.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

CLAS219-22S2 (A) Semester 2**CLAS220 Troy and Ancient Epic**

15 Points 0.1250 EFTS

Not offered in 2022

No cycle of myths has had a stronger grip on the western imagination than the saga of the Trojan War and its aftermath. This course focuses on Homer's vast epic poems Iliad and Odyssey (eight-seventh centuries BC) and Vergil's Roman epic Aeneid (first century BC) - three poems which remain among the very greatest and most influential literary works of all time, and which feature such famous figures as Achilles, Hektor, Helen, Odysseus (aka Ulysses), Dido and Aeneas, among many others.

P: Any 15 points at 100 level from CLAS, or any 60 points at 100 level from the Schedule V of the BA.
R: CLAS202, CLAS203, CLAS320, CLAS323

CLAS222 Ancient Economies

15 Points 0.1250 EFTS

Not offered in 2022

An introduction to the economies in the Mediterranean region during antiquity in order to gain a better knowledge of societies in the ancient world. Select economic activities will be studied to provide a greater understanding of the daily reality for individuals. Topics covered may include occupations, how the rental housing market worked, what coins were available, urbanization, etc. We will also investigate the operation of 'states', such as the Roman Empire and/or the Athenian Empire. Here we will examine activities such as trade, transportation, taxes and slave markets.

P: Any 15 points at 100 level from CLAS or ECON, or any 60 points at 100 level from the Schedule V of the BA.

CLAS223 Sex, Love and Gender in the Ancient World

15 Points 0.1250 EFTS

This course investigates ancient attitudes towards sex, conceptualisations of love and the construction of gender through analyses of mythic, literary and artistic representations of men and women, and their interactions. The investigation will be accompanied by reflections on the impact of Graeco-Roman perceptions of sex, love and gender on Western views in terms of changes and continuities.

P: Any 15 points at 100 level from CLAS, or any 60 points at 100 level from the Schedule V of the BA.

RP: Any first year Arts Courses

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

CLAS223-22S1 (C) Semester 1**CLAS224 Greek Philosophy**

15 Points 0.1250 EFTS

Not offered in 2022

The intellectual rigour, which informed the Greeks' speculations on life, the universe and everything, changed our understanding of the world forever. In this course we survey the origins and development of western philosophy in the Greek world, focusing on the 6th to the 4th centuries BC when many areas that preoccupy philosophers today were analysed and explored by the Greeks, including cosmology, physics, ethics, politics, psychology and more. Figures such as Socrates, Plato and many others before and after them will feature.

P: Any 15 points at 100 level from CLAS or PHIL, or any 60 points at 100 level from the Schedule V of the BA.

R: CLAS324; PHIL314; PHIL224

RP: CLAS104 or CLAS/PHIL141 or any 100-level in CLAS or PHIL.

EQ: PHIL224

CLAS234 Intermediate Greek Authors 1

15 Points 0.1250 EFTS

A study of selected Greek texts and unseen passages, with emphasis on the development of knowledge of the language.

P: CLAS135, or subject to approval of the Head of Department.

R: CLAS231

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

CLAS234-22S1 (A) Semester 1**CLAS235 Intermediate Greek Authors 2**

15 Points 0.1250 EFTS

Continued study of Greek literature and unseen passages, with emphasis on the development of knowledge of the language. This involves reading important texts by authors such as Sophocles, Euripides, Thucydides, Homer and others, as well as analysing these more fully in their cultural and literary context.

P: CLAS234, or subject to approval of the Head of Department.

R: CLAS231

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

CLAS235-22S2 (A) Semester 2**CLAS244 Intermediate Latin Authors A**

15 Points 0.1250 EFTS

The aim, by the end of the course, is to equip students with the skills and knowledge to enable them to read actual Latin texts and great authors such as Catullus, Vergil, Ovid, Cicero, Tacitus and others who remain amongst the most influential and important literary figures of the ancient world.

P: CLAS145, or subject to approval of the Head of Department.

R: CLAS241

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

CLAS244-22S1 (D) Semester 1**CLAS244-22S1 (C) Semester 1****CLAS245 Intermediate Latin Authors B**

15 Points 0.1250 EFTS

Continued study of selected Latin texts and unseen passages, with emphasis on the development of knowledge of the language.

P: CLAS244, or subject to approval of the Head of Department.

R: CLAS241

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

CLAS245-22S2 (A) Semester 2**CLAS307 Topics in Ancient History: Athens: From city to empire and back again**

30 Points 0.2500 EFTS

Not offered in 2022

This course covers the history of the wealthiest and most powerful Greek city-state, Athens, from the legislation of Solon through the "Periclean Age" down to the advent of Alexander the Great.

P: Any 30 points at 200 level from CLAS, or any 60 points at 200 level from the Schedule V of the BA.
R: CLAS407

CLAS310 Writing in Chains: Latin Literature and Roman Slavery

30 Points 0.2500 EFTS

Not offered in 2022

An examination of Roman slavery from a literary and cultural-historical perspective.

P: Any 30 points at 200 level from CLAS, or any 60 points at 200 level from the Schedule V of the BA.

CLAS314 Art and Archaeology of Ancient Mediterranean Cities

30 Points 0.2500 EFTS

Not offered in 2022

P: Any 30 points at 200 level from CLAS, or any 60 points at 200 level from the Schedule V of the BA or from the BE (Hons).

R: CLAS 414

CLAS315 Special Topic

30 Points 0.2500 EFTS

Not offered in 2022

P: Any 30 points at 200 level from CLAS, or any 60 points at 200 level from the Schedule V of the BA.

CLAS316 Topics in Classical Literature and Culture: Roman Law

30 Points 0.2500 EFTS

Not offered in 2022

This course surveys the key features of Roman law that have become essential to modern European legal systems and considers the impact of law on Rome's development as a city-state and capital of a large empire.

P: Any 30 points at 200 level from CLAS or LAW, or any 60 points at 200 level from the Schedule V of the BA.

CLAS319 Sport and Leisure in the Ancient World

30 Points 0.2500 EFTS

A study of the impact of sport and leisure on various aspects of ancient life and their modern reconstructions. Note: course requirements in this combined 200- and 300-level course will be appropriate to the level at which the student is enrolled.

P: Any 30 points at 200 level from CLAS, or any 60 points at 200 level from the Schedule V of the BA.

R: CLAS219

EQ: CLAS219

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

CLAS319-22S2 (A) Semester 2**CLAS322 Roman Architecture**

30 Points 0.2500 EFTS

Not offered in 2022

This course explores the tremendous architectural and engineering achievements of the Romans from the 2nd century BC - 4th century AD. The course will focus on a variety of architectural buildings, forms, techniques and materials, and will also examine some of the cultural and historical factors underlying the Romans' success as architects. This course is suitable for Civil Engineering students as well as Arts students.

P: Any 30 points at 200 level from CLAS, or any 60 points at 200 level from the Schedule V of the BA or from the BE (Hons).

R: CLAS314 (In 2012 and 2014 only), CLAS414, CLAS422

EQ: CLAS314 (In 2012 and 2014 only)

CLAS324 Greek Philosophy

30 Points 0.2500 EFTS

Not offered in 2022

The intellectual rigour, which informed the Greeks' speculations on life, the universe and everything, changed our understanding of the world forever. In this course we survey the origins and development of western philosophy in the Greek world, focusing on the 6th to the 4th centuries BC when many areas that preoccupy philosophers today were analysed and explored by the Greeks, including cosmology, physics, ethics, politics, psychology and more. Figures such as Socrates, Plato and many others before and after them will feature.

P: Any 30 points at 200 level from CLAS or PHIL, or any 60 points at 200 level from the Schedule V of the BA.

R: CLAS224, PHIL224, PHIL314

EQ: PHIL314

CLAS325 Roman Social History

30 Points 0.2500 EFTS

A study of Roman society, focussing on the day-to-day life of Rome's inhabitants. Topics include familial relationships, health and wellbeing, urban infrastructure, floods, fires, travel, among others.

P: Any 30 points at 200 level from CLAS, or any 60 points at 200 level from the Schedule V of the BA.

R: CLAS307, CLAS407 (in 2003, 2008, 2010), CLAS425

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

CLAS325-22S2 (A) Semester 2**CLAS326 Concepts of Art and Literature from Homer to Aristotle**

30 Points 0.2500 EFTS

Today, all over the world, Greek dramas continue to be performed and adapted; Homer's epics are forever finding new audiences through new translations, adaptations and interpretation on film and TV; and Greek art attracts millions of people worldwide to galleries, museums and archaeological sites. But what did these works mean to the ancients themselves? In what ways did the Greeks link visual and verbal artforms to other issues such as psychology, ethics, politics and desire? Are modern ways of viewing these ancient works compatible with ancient responses to them or are there vast differences in post-antique ways of reading ancient literary and material culture? If so, what are these differences? Some answers to these and other related questions can be found in looking at ancient writings about the visual and verbal arts in Archaic and Classical Greece and reconsidering these artworks in the light of such writings. This course analyses Greek views of visual imagery (primarily paintings and statues), poetry and rhetoric in the Archaic and Classical Greek world (c. 750-320 BC). Over this period many of the most influential developments in these media were achieved, and critical thinking about art, language and poetry first burgeoned, particularly in the fifth century. In fact, the very terms that have become central to our way of categorising and thinking about visual, verbal and aural artforms - music, poetry, lyric, epic, tragedy, comedy, drama, rhetoric, graphics, mimesis, icon, idol - are all Greek in origin and again indicate the importance of the Greeks' achievements as practitioners and theorists in these areas, as well as raising issues that speak to us now in the 21st century.

P: Any 30 points at 200 level from CLAS, or any 60 points at 200 level from the Schedule V of the BA.

R: CLAS315, CLAS454

RP: One or more of the following: CLAS 206 Greek Art; CLAS 224/324 Greek Philosophy; CLAS 220 Troy and Ancient Epic; CLAS 210 Theatre and Performance in the Ancient World

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

CLAS326-22S1 (A) Semester 1**CLAS329 Ancient Laughter**

30 Points 0.2500 EFTS

A study of Greek and Roman Comedy and Roman Satire in terms of the performability, thematics and characterization of the former and the social commentary and humour of both of these related genres.

P: Any 30 points at 200 level from CLAS, or any 60 points at 200 level from the Schedule V of the BA.

R: CLAS306, CLAS321, CLAS409

RP: CLAS104 and CLAS105 and/or any 200 level course in CLAS.

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

CLAS329-22S1 (A) Semester 1**CLAS332 The Hellenistic East and the Coming of Rome**

30 Points 0.2500 EFTS

Not offered in 2022

The History of the Hellenistic World from 323 to 30 B.C.

P: Any 30 points at 200 level from CLAS, or any 60 points at 200 level from the Schedule V of the BA.

R: CLAS307 (but only if taken in 2012 or 2014)

CLAS335 Advanced Greek Authors

30 Points 0.2500 EFTS

Continued study of Greek literature and unseen passages, with emphasis on the development of knowledge of the language. This involves reading important texts by authors such as Sophocles, Euripides, Thucydides, Homer and others as well as analysing these more fully in their cultural and literary context.

P: CLAS235, or subject to approval of the Head of Department.

R: CLAS331

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

CLAS335-22S2 (A) Semester 2**CLAS336 Greek Art: The Power of Images in Archaic and Classical Greece**

30 Points 0.2500 EFTS

Not offered in 2022

We focus on the brilliant achievements of the Greeks in architecture, figurative painting, sculpture and other media that have been influential for centuries. We see what these meant in their broader cultural context, including Greek myth and history, as well as Greek interaction with cultures of Egypt and the Middle East. Students in this course have a chance to work directly with the splendid artefacts from the James Logie Memorial Collection (including Greek vases) now housed in the Tece Museum.

P: Any 30 points at 200 level from ARTH or CLAS, or any 60 points at 200 level from the Schedule V of the BA.

R: CLAS206, ARTH216

RP: CLAS104: Greek Mythologies, CLAS220 or any other 200-level paper in CLAS

CLAS345 Advanced Latin Authors

30 Points 0.2500 EFTS

Continued advanced study of Latin texts and unseen passages.

P: CLAS245, or subject to approval of the Head of Department.

R: CLAS341

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

CLAS345-22S2 (A) Semester 2**PACE395 Internship**

30 Points 0.2500 EFTS

What can you do with your major? With your degree? The purpose of the internship course is to explore both the ideological and practical assumptions guiding this question. The course is designed to be a critical, theoretical and "real-world" examination of the practices and ideologies inherent in both community and business organisations. You will apply the analytical skills acquired through your major, and through class seminars and readings, to a project designed by a local company or community group. Please check out the website for further information and specific project descriptions: www.arts.canterbury.ac.nz/internships

P: 150 points, special application and interview, and permission of the Internship Director.

R: ARTS395

EQ: ARTS395

Domestic Fee: \$1,570 (2021)

International Fee: \$7,000 (2021)

PACE395-21SU2 (C)	Summer (Nov 21)
PACE395-22A (C)	Starts Anytime
PACE395-22S1 (C)	Semester 1
PACE395-22S2 (C)	Semester 2

Limited entry. See limitation of entry regulations. A student will be selected for a specific project. Only students accepted for projects will be allowed into the course. Please go to <http://www.arts.canterbury.ac.nz/internships> for more information.

Postgraduate

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

CLAS401 Prescribed Texts: Greek and Latin

30 Points 0.2500 EFTS

A variety of Greek and Latin literary texts, for translation and critical analysis.

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

CLAS401-22W (A) Whole Year (S1 and S2)

CLAS402 Unprepared Translation from Greek

30 Points 0.2500 EFTS

Not offered in 2022

Unprepared translation from Greek.

P: Subject to approval of the Head of Department.

CLAS403 Unprepared Translation from Latin

30 Points 0.2500 EFTS

Not offered in 2022

Unprepared translation from Latin.

P: Subject to approval of the Head of Department.

CLAS404 A Literary Subject

30 Points 0.2500 EFTS

Not offered in 2022

Students may discuss with individual members of staff particular and mutual areas of literary interest, which could be run as an Honours course. Such a course can only be run when members of staff are willing and available.

P: Subject to approval of the Head of Department.

CLAS405 A Literary Subject

30 Points 0.2500 EFTS

Students may discuss with individual members of staff particular and mutual areas of literary interest, which could be run as an Honours course. Such a course can only be run when members of staff are willing and available.

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

CLAS405-22S1 (A) Semester 1

CLAS406 Historical Topic

30 Points 0.2500 EFTS

Not offered in 2022

Students may discuss with individual members of staff particular and mutual areas of historical interest, which could be run as an Honours course. Such a course can only be run when members of staff are willing and available.

P: Subject to approval of the Head of Department.

CLAS407 Athens: From city to empire and back again

30 Points 0.2500 EFTS

Not offered in 2022

The course will look in detail at selected historical and historiographical topics.

P: Subject to approval of the Head of Department.

R: CLAS307, CLAS332

CLAS412 Greek and Roman Theatre

30 Points 0.2500 EFTS

Not offered in 2022

Studies in text and the theory of performance.

P: Subject to approval of the Head of Department.

R: DRAM403 (in 2001), TAFS403

EQ: TAFS403

CLAS414 Special Topic

30 Points 0.2500 EFTS

Not offered in 2022

P: Subject to approval of the Head of Department.

R: CLAS 314, CLAS 322

CLAS415 Prescribed Texts: Greek

30 Points 0.2500 EFTS

Not offered in 2022

A variety of Greek texts, for translation and critical analysis.

P: Subject to approval of the Head of Department.

CLAS416 Prescribed Texts: Latin

30 Points 0.2500 EFTS

Not offered in 2022

A variety of Latin texts, for translation and critical analysis.

P: Subject to approval of the Head of Department.

CLAS422 Roman Architecture

30 Points 0.2500 EFTS

Not offered in 2022

This course explores the tremendous architectural and engineering achievements of the Romans from the 2nd century BC - 4th century AD. The course will focus on a variety of architectural buildings, forms, techniques and materials, and will also examine some of the cultural and historical factors underlying the Romans' success as architects. This course is suitable for Civil Engineering students as well as Arts students.

P: Subject to approval of the Head of Department.

R: CLAS322, CLAS314: in 2012 and 2014 only

EQ: CLAS314: in 2012 and 2014 only

CLAS425 Roman Social History

30 Points 0.2500 EFTS

In this course we undertake an investigation into the day to day reality of living in Imperial Rome. We begin with the household, the family its structure and key relationships; before analyzing daily activities and the urban environment. Topics can include travel, housing, fires, floods, occupations, bars, sex, nocturnal lighting and events, baths, aqueducts, toilets and hygiene. What emerges from our analysis are the sights and smells of life in a Roman urban environment, some of which will surprise.

P: Subject to approval of Head of Department

R: CLAS325

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

CLAS425-22S2 (A) Semester 2

CLAS453 Research Essay

30 Points 0.2500 EFTS

Not offered in 2022

A substantial piece of work on a particular topic.

P: Subject to approval of the Head of Department.

CLAS460 Approaches to Classical Studies

30 Points 0.2500 EFTS

Not offered in 2022

Using the theme of cultural identity in the Graeco-Roman world (8th cent. BCE-1st cent. CE) this course focuses on research methods appropriate to Classical Studies with emphasis on the holistic nature of Classical Studies and the diverse body of primary evidence required for understanding the ancient world.

P: Subject to approval of the Head of Department.

CLAS480 BA (Hons) Essay

30 Points 0.2500 EFTS

A substantial piece of work on a particular topic.

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

CLAS480-22W (A) Whole Year (S1 and S2)

CLAS481 Independent Course of Study: Research Essay A

15 Points 0.1250 EFTS

Not offered in 2022

A substantial piece of work on a particular topic, this course is followed by CLAS 482.

P: Subject to approval of the Head of Department.

R: CLAS 453, CLAS 480

CLAS482 Independent Course of Study: Research Essay B

15 Points 0.1250 EFTS

Not offered in 2022

A substantial piece of work on a particular topic, this course follows on from CLAS 481.

P: Subject to approval of the Head of Department.

R: CLAS 453, CLAS 480

CLAS660 MA Dissertation

60 Points 0.5000 EFTS

MA Dissertation

P: Subject to approval of the Head of Department.

Domestic Fee: \$3,610 (2021)

International Fee: \$16,500 (2021)

CLAS660-22A (C) Starts Anytime**CLAS660-22S1 (C) Semester 1****CLAS660-22S2 (C) Semester 2****CLAS690 MA Thesis**

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$7,220 (2021)

International Fee: \$33,000 (2021)

CLAS690-22A (C) Starts Anytime*Part-time enrolment (0.65 EFTS) is available on approval.***CLAS790 Classics PhD**

120 Points 1.0000 EFTS

P: Subject to approval of the Programme Coordinator

Domestic Fee: \$7,220 (2021)

International Fee: \$33,000 (2021)

CLAS790-22A (C) Starts Anytime*Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Computational and Applied Mathematical Sciences

*Te Kura Hanga Otinga | School of Product Design**Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.***CAMS449 Research Project**

30 Points 0.2500 EFTS

P: Subject to approval of the Head of School.

Domestic Fee: \$1,975 (2021)

International Fee: \$10,000 (2021)

CAMS449-22W (C) Whole Year (S1 and S2)**CAMS449-22CY (C) Cross Year****CAMS689 MMathSci Thesis (CAMS)**

90 Points 0.7500 EFTS

This course will give you research experience by completing an independent study on a project in Computational and Applied Mathematics. You will have an academic supervisor to provide research guidance throughout your project. Your research project topic will be chosen in discussion with your academic supervisor. We work with you to pair you up with a suitable supervisor. You will develop an initial research proposal and then undertake the research work. You will complete the project by producing a thesis and giving an oral presentation of your work.

P: Subject to approval of the Head of Department

Domestic Fee: \$5,925 (2021)

International Fee: \$30,000 (2021)

CAMS689-22A (C) Starts Anytime**CAMS690 MSc Thesis**

120 Points 1.0000 EFTS

P: Subject to approval of the Head of School.

Domestic Fee: \$7,900 (2021)

International Fee: \$40,000 (2021)

CAMS690-22A (C) Starts Anytime*Part-time enrolment (0.65 EFTS) is available on approval.***CAMS790 Computational and Applied Mathematics PhD**

120 Points 1.0000 EFTS

P: Subject to approval of the Head of School.

Domestic Fee: \$7,900 (2021)

International Fee: \$40,000 (2021)

CAMS790-22A (C) Starts Anytime*Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Computer Engineering

*Te Tari Pūhanga Hangarau | Department of Electrical and Computer Engineering***ENCE360 Operating Systems**

15 Points 0.1250 EFTS

This course provides an overview of the concept of operating systems. An operating system is the most important system software and manages all the resources of a computer. This course provides a detailed view of operating system functions such as process management, memory management, I/O management, file management and virtualisation. This course also provides information about concepts such as mutual exclusion, and concurrent processes. There is an emphasis on design, implementation, and evaluation of modern operating systems including mobile and real-time operating systems.

P: ENCE260.

R: COSC321

RP: COSC110 or COSC101, COSC262.

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENCE360-22S2 (C) Semester 2**ENCE361 Embedded Systems 1**

15 Points 0.1250 EFTS

Embedded Systems is the study of specialised computer hardware, such as microcontrollers, programmed to perform a series of tasks, typically using a high-level language such as C, and targeted towards dedicated applications.

P: ENCE260

R: ENEL353, ENEL323, COSC361, ELEC361, ENEL340

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENCE361-22S1 (C) Semester 1**ENCE461 Embedded Systems 2**

15 Points 0.1250 EFTS

An advanced course on computer, microprocessor, and digital signal processor systems and their implementation. Practical issues in advanced digital hardware design.

P: ENCE361

R: ENEL429

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENCE461-22S1 (C) Semester 1**ENCE464 Embedded Software and Advanced Computing**

15 Points 0.1250 EFTS

This course combines software engineering practice for embedded systems with advanced computer architectures and memory systems. State machines form a unifying mechanism to understand hardware and software. Software design procedures and methodologies are used to develop reliable coding practices used on high-performance concurrent systems with real-time constraints. Testing and debugging on high-performance concurrent systems, where inter-task communication support is required, and is analysed using industry-standard metrics and test platforms.

P: ENCE361

R: ENCE463, ENCE462, ENEL428, ENEL429

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENCE464-22S2 (C) Semester 2

Computer Science

Department of Computer Science and Software Engineering

COSC101 Working in a Digital World

15 Points 0.1250 EFTS

This course provides students with an understanding of how the digital world is engineered, and exposes them to a range of tools commonly used by knowledge workers. Students will learn to critically evaluate systems from both a technical and human point of view.

R: COSC110, DIGI101

EQ: DIGI101

Domestic Fee: \$892 (2021)

International Fee: \$4,563 (2021)

COSC101-22S1 (C) Semester 1

COSC121 Introduction to Computer Programming

15 Points 0.1250 EFTS

Computer programming in a high-level language with special emphasis on style and structure. This course is a prerequisite for COSC122 and higher level Computer Science, Computer Engineering and Software Engineering courses. It is an alternative to COSC131, with both courses teaching the fundamentals of computer programming using the Python language and can be taken by students who have no previous programming background. Topics include expressions, assignment, selection and iteration, structured data (lists, dictionaries, tuples, arrays), functional decomposition, file processing, and an introduction to object-oriented programming.

R: COSC131

Domestic Fee: \$892 (2021)

International Fee: \$4,563 (2021)

COSC121-22S1 (C) Semester 1

COSC121-22S1 (D) Semester 1

COSC121-22S2 (C) Semester 2

COSC121-22S2 (D) Semester 2

COSC122 Introduction to Computer Science

15 Points 0.1250 EFTS

An introduction to Computer Science, including algorithms, complexity and data structures.

P: COSC121 or COSC131

Domestic Fee: \$877 (2021)

International Fee: \$4,438 (2021)

COSC122-21SU2 (C) Summer (Nov 21)

COSC122-22S2 (C) Semester 2

COSC122-22S2 (D) Semester 2

COSC131 Introduction to Programming for Engineers

15 Points 0.1250 EFTS

Computer programming in a high-level language with special emphasis on numerical computation. This course is required for engineering intermediate and is an alternative to COSC121 as a prerequisite for COSC122 and all 200 level COSC and SENG courses. COSC131 teaches the fundamentals of computer programming using the Python language and can be taken by students who have no previous programming background. Topics include expressions, assignment, selection and iteration, structured data (lists, dictionaries, tuples, arrays), functional decomposition, file processing, numerical computation with numpy, graph plotting with matplotlib, some basic numerical algorithms and an introduction to object-oriented programming.

R: COSC121

Domestic Fee: \$877 (2021)

International Fee: \$4,438 (2021)

COSC131-21SU2 (C) Summer (Nov 21)

COSC241 Special Topic

15 Points 0.1250 EFTS

Not offered in 2022

P: Entry subject to approval by the Head of Department.

COSC242 Special Topic

15 Points 0.1250 EFTS

Not offered in 2022

P: Entry subject to approval by the Head of Department.

COSC243 Special Topic

15 Points 0.1250 EFTS

Not offered in 2022

P: Entry subject to approval by the Head of Department.

COSC260 Turing: From the Computer Revolution to the Philosophy of AI

15 Points 0.1250 EFTS

Not offered in 2022

This course tells you (nearly) everything you ever wanted to know about Alan Turing, the birth of the computer, and the Philosophy of Artificial Intelligence. It is a problem-based course, equally suitable for Arts, Science, Engineering, and Law students.

P: Any 15 points at 100 level in PHIL, COSC, LING, MATH, or PSYC, or any 60 points at 100 level from the Schedule V of the BA or the BSc.

R: PHIL250

EQ: PHIL250

COSC261 Formal Languages and Compilers

15 Points 0.1250 EFTS

This course deals with fundamental concepts and techniques in computer science. It covers automata, formal languages, compilers, computability and complexity theory.

P: (1) COSC121 or COSC131; (2) COSC122; (3) MATH120

Domestic Fee: \$892 (2021)

International Fee: \$4,563 (2021)

COSC261-22S1 (C) Semester 1

COSC262 Algorithms

15 Points 0.1250 EFTS

This course teaches a range of fundamental algorithms and analyses their properties and behaviour.

P: (1) COSC121 or COSC131; (2) COSC122;

RP: MATH120

Domestic Fee: \$892 (2021)

International Fee: \$4,563 (2021)

COSC262-22S1 (C) Semester 1

COSC264 Introduction to Computer Networks and the Internet

15 Points 0.1250 EFTS

This course covers principles of theory and practice of computer networks and the Internet, and it studies important Internet technologies and protocols, including: Ethernet / Local Area Networks, TCP/IP, Routing, and HTTP.

P: (1) COSC121 or COSC131; (2) COSC122; (3) EMTH119 or (MATH102 and MATH120) or (MATH102 and STAT101)

Domestic Fee: \$892 (2021)

International Fee: \$4,563 (2021)

COSC264-22S2 (C) Semester 2

COSC265 Relational Database Systems

15 Points 0.1250 EFTS

An introduction to database systems, database design, relational databases and database management systems.

P: COSC121 or COSC131 or INFO125

Domestic Fee: \$892 (2021)

International Fee: \$4,563 (2021)

COSC265-22S2 (C) Semester 2

ENCE260 Computer Systems

15 Points 0.1250 EFTS

This is an introductory course to computer systems and is a mixture of computer programming in C, computer architecture, and embedded systems.

P: COSC121 or COSC131

R: ENEL206; both COSC208/ENCE208 and COSC221/ENCE221

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENCE260-22S2 (C) Semester 2

COSC362 Data and Network Security

15 Points 0.1250 EFTS

The course covers principles and practice of cryptography and network security. The first half of the course focuses on cryptography (symmetric and public-key cryptographic protocols, key distribution, authentication, digital signature schemes). The second half focuses on network security (access control services and mechanisms for authentication, network security protocols, application layer security and secure network management).

P: COSC264 or MATH324 or MATH220.

RP: It is recommended that COSC 362 and COSC 364 be taken together.

Domestic Fee: \$892 (2021)

International Fee: \$4,563 (2021)

COSC362-22S2 (C) Semester 2

Computer Science

COSC363 Computer Graphics

15 Points 0.1250 EFTS

This course focuses on all aspects of fundamental computer graphics methods, including three-dimensional object representations, transformations, projections and rendering algorithms. The theoretical bases and implementation aspects of illumination and reflection models, texture mapping techniques and ray tracing are also covered. The course aims to provide a good foundation of OpenGL programming for the development of graphics applications using both fixed-function and programmable pipelines. The course also gives an introduction to WebGL programming.

P: (1) ENCE260, (2) 30 points of 200-level Computer Science, (3) 15 points of 100-level MATH/STAT/EMTH (MATH120 recommended). MATH101 is not acceptable.

Domestic Fee: \$892 (2021)

International Fee: \$4,563 (2021)

COSC363-22S1 (C) Semester 1

COSC364 Internet Technology and Engineering

15 Points 0.1250 EFTS

This course covers theory and practice of Internet routing and the application of mathematical optimization to network and capacity planning problems.

P: COSC264

Domestic Fee: \$892 (2021)

International Fee: \$4,563 (2021)

COSC364-22S1 (C) Semester 1

COSC366 Research Project

15 Points 0.1250 EFTS

Students will gain experience in performing research in the fields of Computer Science and Software Engineering

P: (1) 45 points of 200-level Computer Science (2) 30 points from Mathematics, Statistics or Engineering Mathematics or 15 points of Math/Stat (MATH120 recommended) and COSC262. MATH101 is not acceptable. (3) approval of the Head of Department

RP: COSC110 OR COSC101, ENCE260, COSC261, COSC262, SENG201

Domestic Fee: \$877 (2021)

International Fee: \$4,438 (2021)

COSC366-21SU2 (C) Summer (Nov 21)

COSC367 Artificial Intelligence

15 Points 0.1250 EFTS

This course introduces major concepts and algorithms in Artificial Intelligence. Topics include problem solving, reasoning, games, and machine learning.

P: COSC262

Domestic Fee: \$892 (2021)

International Fee: \$4,563 (2021)

COSC367-22S2 (C) Semester 2

COSC368 Humans and Computers

15 Points 0.1250 EFTS

The course provides an introduction to Human-Computer Interaction (HCI). HCI is concerned with understanding, designing, implementing and evaluating user-interfaces so that they better support users in carrying out their tasks. On completing the course you will have knowledge of the theoretical foundations of designing for interaction between humans and computers. You will also have practical experience in implementing and evaluating graphical user interfaces.

P: (1) 45 points of (200-level Computer Science and ENCE260), (2) 30 points of EMTH or 15 points of MATH/STAT (MATH120 recommended). MATH101 is not acceptable.

R: COSC225

RP: COSC110 OR COSC101, COSC263 OR SENG201

Domestic Fee: \$892 (2021)

International Fee: \$4,563 (2021)

COSC368-22S2 (C) Semester 2

COSC371 Special Topic

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval by the Head of Department.

COSC372 Special Topic

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval by the Head of Department.

Postgraduate

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

COSC401 Machine Learning

15 Points 0.1250 EFTS

A study of computational processes that underlie learning in machines. The course covers fundamental theories and algorithms in machine learning.

P: (i) COSC 367; (ii) At least 45 points of 100-, 200- or 300-level MATH/EMTH/STAT (but not including MATH101, MATH110, STAT101); (iii) Subject to approval by the Head of Department

Domestic Fee: \$1,051 (2021)

International Fee: \$5,000 (2021)

COSC401-22S1 (C) Semester 1

COSC411 Advanced Topics in HCI

15 Points 0.1250 EFTS

Not offered in 2022

An introduction to research in human-computer interaction.

P: 1) COSC368, 2) Subject to approval of the Head of Department. BE(Hons) students must have completed COSC363.

COSC413 Advanced Topics in Algorithms

15 Points 0.1250 EFTS

Not offered in 2022

Advanced topics in algorithms, such as NP-completeness and intractability, randomized algorithms, number theoretic algorithms for cryptology, parallel algorithms, formal verification of algorithms etc.

P: COSC262 and COSC367. Subject to approval of the Head of Department.

COSC418 Wireless Ad-hoc and Sensor Networks

15 Points 0.1250 EFTS

Not offered in 2022

This course will provide students with an understanding of wireless ad-hoc and sensor networks, enable them to recognise the wide range of applicability of these networks, and provide them with an understanding of the major design issues, including topics such as protocol mechanisms and resource constraints.

P: (COSC 364 or COSC 331), ENCE 260.

RP: ENCE 361

COSC420 Intelligent Tutoring Systems

15 Points 0.1250 EFTS

Not offered in 2022

This course addresses the use of artificial intelligence to create computer-based intelligent tutoring systems.

P: Subject to approval of the Head of Department.

COSC421 Advanced Topics in Security

15 Points 0.1250 EFTS

This course will cover the wide-ranging issues on advanced topics in computer, network, and systems security. Students will learn from security fundamentals to advanced topics in security.

P: (1) COSC362 and (2) subject to approval by the Head of Department

Domestic Fee: \$1,051 (2021)

International Fee: \$5,000 (2021)

COSC421-22S1 (C) Semester 1

COSC422 Advanced Computer Graphics

15 Points 0.1250 EFTS

This course focusses on concepts and algorithms in three application domains in the field of Computer Graphics: OpenGL-4 shader development, three-dimensional mesh processing, and character animation. The topics covered in the course include real-time rendering using tessellation and geometry shaders, image-based rendering using frame buffer objects, non-photorealistic rendering, advanced illumination models, mesh processing algorithms, quaternions, scene graphs, skeletal and keyframe animations, and motion kinematics

P: 1) COSC363 2) Subject to Approval of the Head of Department

Domestic Fee: \$1,051 (2021)

International Fee: \$5,000 (2021)

COSC422-22S2 (C) Semester 2

COSC424 Secure Software

15 Points 0.1250 EFTS

Not offered in 2022

This course provides students with skills to design and implement secure application programs, which are not vulnerable to malicious attacks.

P: Subject to approval of the Head of Department.

COSC428 Computer Vision

15 Points 0.1250 EFTS

This course covers advanced techniques and algorithms used in real-time 3D computer vision, image processing and deep learning - from medical imaging to intelligent autonomous UAV/robot vision.

P: Subject to approval of the Head of Department.

EQ: COSC428

Domestic Fee: \$1,051 (2021)

International Fee: \$5,000 (2021)

COSC428-22S1 (C) Semester 1**COSC432 Relational Methods**

15 Points 0.1250 EFTS

This course covers the algebraic structure of binary relations and their use for formally specifying and reasoning about programs, graphs and models described in predicate logic. It presents the mathematics of relational programming, modelling, algorithm development and correctness proofs, and tools supporting these activities.

P: (1) at least one of COSC261, COSC262; and (2) at least one of MATH120, MATH230

Domestic Fee: \$1,051 (2021)

International Fee: \$5,000 (2021)

COSC432-22S2 (C) Semester 2**COSC434 Special Topic**

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Head of Department.

COSC439 Special Topic

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Head of Department.

COSC440 Deep Learning

15 Points 0.1250 EFTS

This course introduces students to the core concepts of deep neural networks. The course focuses on the computational process of problem formulation, model selection and design, implementation, analysis, and refinement for deep neural networks. We analyze a range of advanced neural network designs with transformative results in computer vision, natural language, anomaly detection, molecular design, and deep fakes. Students build competency in the theory and practice of creating deep neural network applications and will research, propose, and implement their own deep learning network for a given application domain.

P: (1) COSC262; (2) 30 points of 300-level COSC/SENG/DATA; (3) Approval by the Head of the Department of Computer Science and Software Engineering.

Domestic Fee: \$1,051 (2021)

International Fee: \$5,000 (2021)

COSC440-22S2 (C) Semester 2**COSC441 Wireless Networking Systems and Performance**

15 Points 0.1250 EFTS

This course provides an introduction to wireless networking, covering the different classes of wireless systems, fundamentals of wireless communications and wireless physical layers, medium access control protocols and routing protocols. Furthermore, students will gain hands-on experience with discrete-event simulation, a key methodology for performance assessment of wireless networking protocols and systems.

P: ENCE260, SENG201 and COSC364.

R: COSC418

Domestic Fee: \$1,051 (2021)

International Fee: \$5,000 (2021)

COSC441-22S2 (C) Semester 2**COSC469 Research Methods in Computer Science and Software Engineering**

15 Points 0.1250 EFTS

This course introduces students to research methods in Computer Science and Software Engineering. Critical research skills for postgraduate students are covered.

P: Subject to approval by Head of Department.

R: COSC460

Domestic Fee: \$1,051 (2021)

International Fee: \$5,000 (2021)

COSC469-22S1 (C) Semester 1**COSC470 Research Project**

30 Points 0.2500 EFTS

This course gives students in-depth research experience by completing a comprehensive computer science research project. A research topic will be chosen in discussion with a possible academic supervisor, a proposal developed and approved, and a written research report completed. Various milestones throughout the year include proposal development, written and oral progress reports, and final project presentations. At the end of the course, students will have studied and practised essential techniques and skills required to successfully complete a computer science research project.

P: Subject to approval of the Head of Department

C: COSC469

R: COSC460, COSC461

Domestic Fee: \$2,101 (2021)

International Fee: \$10,000 (2021)

COSC470-22W (C) Whole Year (S1 and S2)**COSC470-22CY (C) Cross Year****COSC471 Special Topic: Natural Language Processing**

15 Points 0.1250 EFTS

This course introduces central problems and methods in natural language processing. Through their experiences in this course, students will be able to apply and evaluate standard methods to new sets of language data. The course will enable students to design an application of natural language processing for a NZ-specific context and evaluate the performance of that application against reasonable baselines.

P: (1) COSC262; (2) Approval by the Head of Department of Computer Science and Software Engineering

Domestic Fee: \$1,051 (2021)

International Fee: \$5,000 (2021)

COSC471-22S1 (C) Semester 1**COSC472 Special Topic: Blockchain Technologies and Cryptocurrencies**

15 Points 0.1250 EFTS

The course covers the cryptographic theory supporting Bitcoin and other cryptocurrencies as well as the practical aspects of how a cryptocurrency is designed. The advantages and disadvantages of different approaches are explored. More general applications of blockchain technologies are also included.

P: COSC362

Domestic Fee: \$1,051 (2021)

International Fee: \$5,000 (2021)

COSC472-22S1 (C) Semester 1**COSC473 Special Topic**

15 Points 0.1250 EFTS

Not offered in 2022

P: Entry is subject to the approval of the Head of Department

COSC474 Special Topic

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to the approval of the Head of Department

COSC475 Independent Course of Study

15 Points 0.1250 EFTS

P: Subject to approval of the Head of Department

Domestic Fee: \$1,051 (2021)

International Fee: \$5,000 (2021)

COSC475-22S1 (C) Semester 1**COSC475-22W (C) Whole Year (S1 and S2)****COSC475-22S2 (C) Semester 2****COSC476 Independent Course of Study**

60 Points 0.5000 EFTS

Not offered in 2022

P: Subject to the approval of the Head of Department.

COSC477 Special Topic: Mixed Reality

15 Points 0.1250 EFTS

P: COSC262 or approval by the Head of Department

R: DATA477

RP: COSC363, COSC368, COSC411, COSC428

EQ: DATA477

Domestic Fee: \$1,051 (2021)

International Fee: \$5,000 (2021)

COSC477-22S2 (C) Semester 2

Construction Management

COSC480 Computer Programming

15 Points 0.1250 EFTS

Computer programming and program development in a high-level language with special emphasis on style and structure.

P: Subject to approval of the Head of Department

Domestic Fee: \$1,051 (2021)

International Fee: \$5,000 (2021)

COSC480-22S1 (C) Semester 1

COSC480-22S1 (D) Semester 1

COSC480-22S2 (C) Semester 2

COSC480-22S2 (D) Semester 2

COSC486 Research Project

15 Points 0.1250 EFTS

Students will gain experience in performing research in the fields of Computer Science and Software Engineering.

P: Entry is subject to the approval of the Head of Department.

RP: COSC400-level courses

Domestic Fee: \$1,033 (2021)

International Fee: \$4,938 (2021)

COSC486-21SU2 (C) Summer (Nov 21)

COSC680 Computer Science Professional Project

60 Points 0.5000 EFTS

This course is the capstone project for the Professional Master of Computer Science (PMCS).

Students will work on an open-ended project involving the design, development and test of a software-based solution to a complex problem.

P: Subject to approval of the Head of Department.

Domestic Fee: \$4,202 (2021)

International Fee: \$20,000 (2021)

COSC680-22FY (C) Full Year (February to February)

Part-time enrolment (0.65 EFTS) is available on approval.

COSC690 MSc Thesis

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$7,900 (2021)

International Fee: \$40,000 (2021)

COSC690-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval.

COSC695 MCom Thesis

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$7,900 (2021)

International Fee: \$40,000 (2021)

COSC695-22A (C) Starts Anytime

COSC790 Computer Science PhD

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$7,900 (2021)

International Fee: \$40,000 (2021)

COSC790-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.

Construction Management

Te Tari Pūhanga Metarahi, Rawa Taiao | Department of Civil and Natural Resources Engineering

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ENCM610 Construction Management

15 Points 0.1250 EFTS

Not offered in 2022

Organisational roles, organisational influences, human resource systems and strategies, analysis of trends in construction management.

P: Subject to approval of Programme Director

ENCM620 Construction Procurement and Contract Administration

15 Points 0.1250 EFTS

Construction procurement processes, contract fundamentals and responsibilities, contract administration, integrated project delivery, analysis of trends in procurement and contract administration.

P: Subject to approval of Programme Director

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENCM620-22S1 (C) Semester 1

ENCM630 Project Management, Planning and Control Techniques

15 Points 0.1250 EFTS

Project management techniques, managing project resources, controlling the project, analysis of trends in project management.

P: Subject to approval of Programme Director

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENCM630-22S1 (C) Semester 1

ENCM650 Cost Engineering

15 Points 0.1250 EFTS

Work Break-down Structure; Project Cost Scoping; Cost Databases; Pricing & Indexing; Feasibility & Conceptual Estimating; Quantity Surveying (Earthworks, Pavements, Structures); Variation Order Scoping; Contingencies; Stochastic Estimating; Industry Trends.

RP: BE (Hons) or equivalent

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENCM650-22S2 (C) Semester 2

ENCM672 Independent Course of Study

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Director of Studies

ENCM673 Independent Course of Study

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Director of Studies

ENCM674 Site Management

15 Points 0.1250 EFTS

Not offered in 2022

The course will be teaching site engineering and management with a focus on heavy commercial construction using industry case studies. The main topics covered in the course will be site preparation and utilisation; preparing and planning site layout including utility locating and re-locating, site drainage, and dewatering plan, formwork selection and design. Logistics, like crane selection, critical lift planning, and location will be covered. The course will also cover interaction with stakeholders, community disruption avoidance planning, construction daily operations, and building information modelling and applications in the construction process.

Limited entry. See limitation of entry regulations.

ENCM676 Construction Equipment and Heavy Construction Methods

15 Points 0.1250 EFTS

In this course the selection and acquisition of construction equipment is covered. During the course, students will develop a better understanding of the factors affecting the selection, scheduling and use of heavy construction equipment. The students will learn to apply engineering fundamentals, construction engineering and management knowledge and construction engineering and management knowledge from this course to solve problems encountered with construction equipment and to design construction processes that involve the use of equipment.

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENCM676-22S2 (C) Semester 2

Limited entry. See limitation of entry regulations.

ENCM682 Research Project

30 Points 0.2500 EFTS

Special project in Construction Management Engineering

P: Subject to approval of Programme Director

Domestic Fee: \$2,266 (2021)

International Fee: \$11,250 (2021)

ENCM682-22A (C) Starts Anytime

ENCM690 Construction Management Thesis

120 Points 1.0000 EFTS

Construction Management Thesis

P: Subject to approval of Programme Director.

Domestic Fee: \$8,697 (2021)

International Fee: \$45,000 (2021)

ENCM690-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval.

Counselling

Te Kaupeka Oranga | Faculty of Health

PACE395 Internship

30 Points 0.2500 EFTS

What can you do with your major? With your degree? The purpose of the internship course is to explore both the ideological and practical assumptions guiding this question. The course is designed to be a critical, theoretical and "real-world" examination of the practices and ideologies inherent in both community and business organisations. You will apply the analytical skills acquired through your major, and through class seminars and readings, to a project designed by a local company or community group. Please check out the website for further information and specific project descriptions: www.arts.canterbury.ac.nz/internships

P: 150 points, special application and interview, and permission of the Internship Director.

R: ARTS395

EQ: ARTS395

Domestic Fee: \$1,570 (2021)

International Fee: \$7,000 (2021)

PACE395-21SU2 (C) Summer (Nov 21)**PACE395-22A (C) Starts Anytime****PACE395-22S1 (C) Semester 1****PACE395-22S2 (C) Semester 2**

Limited entry. See limitation of entry regulations. A student will be selected for a specific project. Only students accepted for projects will be allowed into the course. Please go to <http://www.arts.canterbury.ac.nz/internships> for more information.

Postgraduate

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

COUN671 Counselling and Psychology: Theories and Skills

30 Points 0.2500 EFTS

Studies of counselling and psychological theories and their implications for practice. Practice in the skills of an intentional interviewing model of helping.

P: Subject to approval of the Head of School

R: CFPY604, EDUC461, EDEM664, HLTH481

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

COUN671-22W (C) Whole Year (S1 and S2)**COUN672 Counselling Supervision and Reflective Practice**

15 Points 0.1250 EFTS

In this course students are introduced to a solution-focused model of supervision and reflective practice. They also explore the importance and implications of cultural supervision for safe counselling practice. The course requires students to engage in group supervision and reflective practice.

C: COUN675

R: EDEM671, EDEM672

Domestic Fee: \$969 (2021)

International Fee: \$4,125 (2021)

COUN672-22W (C) Whole Year (S1 and S2)**COUN674 Professional Counselling Practice II (Part B) (PT)**

15 Points 0.1250 EFTS

Not offered in 2022

This course aims to provide the context in which students can demonstrate their counselling practice at a professional level.

P: COUN673 Professional Counselling Practice II (Part A) (PT)

R: EDEM673, EDEM674/EDEM675, COUN676

COUN675 Professional Counselling Practice I

30 Points 0.2500 EFTS

This course aims to enable students to develop and practise effective and purposeful collaborative interventions with clients.

P: Subject to approval of the Head of School of Health Sciences

R: EDEM 672

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

COUN675-22W (C) Whole Year (S1 and S2)**COUN681 Solution-focused theory and skills with individuals and groups**

30 Points 0.2500 EFTS

Solution-focused therapy is a strengths-based model that emphasises clients' natural resources and successful experiences to help them bring about change and a shift toward their preferred future. The primary purpose of this course is to introduce you to the theory, skills and tools of solution-focused brief therapy. You will examine social constructionism, the theoretical perspective that accounts for shifts in clients' perceptions and definitions and enables them to work towards building a more favourable future. You will also have the opportunity to engage with what it is like to think and act in a solution-focused manner. The emphasis will be on providing a balance of theory and practice to assist you to gain knowledge and confidence in working with individuals, and co-leading groups integrating a solution focused approach with principles of social justice, bicultural and multicultural counselling.

P: Subject to approval of the Head of School

R: COUN678; COUN679

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

COUN681-22W (C) Whole Year (S1 and S2)**COUN683 Professional Counselling Practice II (Part A) Part Time**

30 Points 0.2500 EFTS

The aim of this course is to provide the context in which students can demonstrate confident and competent, safe, ethical and effective bicultural and multicultural counselling practice at a professional level through sustained counselling practice, focused supervision and presentation of counselling work that demonstrates their competence.

P: COUN675; COUN672

R: COUN676/COUN673/COUN674/COUN685

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

COUN683-22A (C) Starts Anytime**COUN684 Professional Counselling Practice II (Part B) Part Time**

30 Points 0.2500 EFTS

The aim of this course is to provide the context in which students can demonstrate confident and competent, safe, ethical and effective bicultural and multicultural counselling practice at a professional level through sustained counselling practice, focused supervision and presentation of counselling work that demonstrates their competence.

P: COUN675; COUN672

R: COUN676/COUN673/COUN674/COUN685

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

COUN684-22A (C) Starts Anytime**COUN685 Professional Counselling Practice II**

60 Points 0.5000 EFTS

The aim of this course is to provide the context in which students can demonstrate confident and competent, safe, ethical and effective bicultural and multicultural counselling practice at a professional level through sustained counselling practice, focused supervision and presentation of counselling work that demonstrates their competence.

P: COUN675; COUN672

R: COUN676/COUN673/COUN674/COUN683/COUN684

Domestic Fee: \$3,874 (2021)

International Fee: \$16,500 (2021)

COUN685-22A (C) Starts Anytime**COUN695 Counselling Dissertation**

60 Points 0.5000 EFTS

A supervised, independent counselling research project

P: Subject to approval of the Head of School of Health Sciences

Domestic Fee: \$3,610 (2021)

International Fee: \$16,500 (2021)

COUN695-22A (C) Starts Anytime**COUN695-22A (D) Starts Anytime****COUN697 Counselling Thesis**

90 Points 0.7500 EFTS

P: Subject to approval of the Head of School of Health Sciences

Domestic Fee: \$5,415 (2021)

International Fee: \$24,750 (2021)

COUN697-22A (D) Starts Anytime**COUN698 Professional Counselling Research Portfolio**

90 Points 0.7500 EFTS

P: 1) COUN675 and one of EDEM693 or EDEM697 or EDEM698 or an approved Research Methods course. 2) Subject to approval of the Head of School

Domestic Fee: \$5,415 (2021)

International Fee: \$24,750 (2021)

COUN698-22A (D) Starts Anytime

Criminal Justice

School of Law

CRJU101 Introduction to Criminal Justice

15 Points 0.1250 EFTS

The structure of the Criminal Justice system and the role of government agencies: Investigative and prosecutorial agencies such as Police, Fisheries, Customs, Serious Fraud Office, Crown prosecutors (includes ESR); the criminal courts (High, District and Youth Courts) jurisdiction and roles; Corrections and related activities (includes Probation, fines enforcement etc, community service etc; CYPs.

R: LAWS150

EQ: LAWS150

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

CRJU101-22S1 (C) Semester 1

CRJU150 Legal Method in the Criminal Justice Context

15 Points 0.1250 EFTS

Legal method in the criminal law context provides an introduction to understanding legal concepts, the sources of law, and the structure of the criminal justice system in New Zealand. Students will be introduced to important concepts and definitions and to the techniques of legal reasoning, case analysis and statutory interpretation through an examination of criminal cases and laws. They will also be introduced to the impact Tikanga and customary law has on understanding legal method in New Zealand. Students who study this course will be well equipped to understand legal method from a New Zealand criminal law perspective.

R: LAWS101

Domestic Fee: \$845 (2021)

International Fee: \$4,313 (2021)

CRJU150-22S1 (C) Semester 1

CRJU160 Legal Issues in the New Zealand Criminal Justice System

15 Points 0.1250 EFTS

Legal Issues in the New Zealand criminal justice system will introduce students to current and emerging issues in the criminal justice system. It will begin by providing an overview of the complex legal rules which regulate the investigation and prosecution and punishment of criminal offences and offenders. Case studies and contemporary law reform initiatives will be used to provide perspectives on the working of these legal rules as practice, and as tools to discuss the process in which the law might be changed. Students who study this course will be well equipped to understand the nature of the New Zealand criminal justice system.

Domestic Fee: \$845 (2021)

International Fee: \$4,313 (2021)

CRJU160-22S2 (C) Semester 2

CRJU201 Crime and Justice

15 Points 0.1250 EFTS

This course introduces students to the principal theories of crime and applies those theories to an understanding of crime in New Zealand.

P: Any 15 points at 100 level in SOCI, ANTH, CRJU, or LAWS, or any 60 points at 100 level from the Schedule V of the BA.

R: SOCI218

EQ: SOCI218

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

CRJU201-22S1 (C) Semester 1

CRJU202 Criminal Law for Criminal Justice

15 Points 0.1250 EFTS

General principles of criminal law (liability for offences, overview of party liability, inchoate offences and general defences).

P: Either CRJU150 or LAWS150

R: LAWS202

Domestic Fee: \$845 (2021)

International Fee: \$4,313 (2021)

CRJU202-22S1 (C) Semester 1

CRJU210 Special Topic

15 Points 0.1250 EFTS

Not offered in 2022

P: CRJU101 or LAWS150

CRJU211 Forensic Science for Criminal Justice

15 Points 0.1250 EFTS

An introduction to forensic science for students in criminal justice disciplines. The course includes, crime scene investigation, autopsy techniques, forensic science lab investigations and interpreting forensic results in a legal context.

P: 60 points at 100 level.

R: CHEM111, CHEM114, BIOL112, BIOL111, BIOL113

Domestic Fee: \$892 (2021)

International Fee: \$4,563 (2021)

CRJU211-22S1 (C) Semester 1

CRJU212 Crime, Justice and Digital Society

15 Points 0.1250 EFTS

From cybercrime to 'big data' policing, digital technologies are reshaping crime and criminal justice practice. This course will: Introduce students to key concepts related to the intersection of crime and justice with data, quantification and digital society; Engage students with debates related to digital technologies and criminal justice through case studies of surveillance, online extremism and predictive policing; Introduce key statistics used in criminal justice policy-making, law enforcement, incarceration and rehabilitation in New Zealand and explain how these statistics are created, used and sometimes abused; Introduce data and digital literacy skills; Embed an understanding of indigenous data sovereignty; Relate theory to emerging practice by engaging students with professionals at the leading edge of digital technologies and criminal justice.

P: Any 15 points at 100-level in CRJU, LAWS or DIGI; or any 60 points at 100-level from Schedule V of the BA.

R: DIGI212

EQ: DIGI212

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

CRJU212-22S2 (C) Semester 2

CRJU301 Sentencing Theory and Practice

15 Points 0.1250 EFTS

Theoretical bases for sentencing: just deserts, utilitarianism and other theories. Plea negotiation. Sentencing Act 2002- process, principles and practice. Probation and parole. Proceeds of Crime legislation.

P: CRJU202 or LAWS202.

R: LAWS337; LAWS366

RP: CRJU201/SOCI218; CRJU307/LAWS365

EQ: LAWS366

Domestic Fee: \$845 (2021)

International Fee: \$4,313 (2021)

CRJU301-22S1 (C) Semester 1

CRJU302 Prisons and Corrections

30 Points 0.2500 EFTS

This course introduces students to the New Zealand correctional system and demonstrates how it has evolved since 1840. It then examines various aspects of the correctional system in detail.

P: (1) Any 30 points at 200 level in SOCI or ANTH, or (2) Any 60 points at 200 level from the Schedule V of the BA, or (3) i. CRJU201 and either ii. CRJU202 or LAWS202

R: SOCI358

EQ: SOCI358

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

CRJU302-22S2 (C) Semester 2

CRJU304 Research Essay in Criminal Justice

15 Points 0.1250 EFTS

A Research Essay for students who have a particular interest in some specific aspect of Criminal Justice and a B average in appropriate 200 level courses, sufficient to demonstrate that they are capable of relatively independent research work and scholarly writing.

P: CRJU201 and either CRJU202 or LAWS202, and a further 30 points at 200 level from Schedule C to the Bachelor of Criminal Justice and Head of Department Approval.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

CRJU304-22W (C) Whole Year (S1 and S2)

CRJU307 Issues in Policing and Prosecution

15 Points 0.1250 EFTS

This course focuses on the structure, scope and contemporary issues relating to policing and prosecution in New Zealand, including critical assessments of police powers; the role of the Independent Police Conduct Authority (IPCA); aspects of the Police and Crown prosecution processes, diversion, restorative justice and alternatives to traditional court prosecution of offenders; and selected contentious issues, such as the effects of policing policies and practices on vulnerable groups. The overall scope of the course is to introduce students to New Zealand's policing history and theories of policing.

P: CRJU202 or LAWS202.

R: LAWS337, LAWS365

RP: CRJU201/SOCI218

EQ: LAWS365

Domestic Fee: \$845 (2021)

International Fee: \$4,313 (2021)

CRJU307-22S2 (C) Semester 2

CRJU308 The Principles of Evidence

15 Points 0.1250 EFTS

The course aims to provide a sound academic grounding in key principles of the law of evidence. It will examine the key topics of relevance, reliability, probative value, illegitimate prejudice, the influence of human rights, burden of proof, rules of inadmissibility (including hearsay, veracity and propensity and privilege), and trial procedure. In focusing on these key aspects of the law of evidence this course will adopt a strong principle based approach in which the theoretical underpinnings of the development of the law will be examined and discussed.

P: (1) CRJU202 and 45 additional points at 200 level from Schedule C to the Bachelor of Criminal Justice, or (2) LAWS202 and 30 additional points at 200 level from Schedule C to the Bachelor of Criminal Justice.

R: LAWS316, LAWS307

Domestic Fee: \$845 (2021)

International Fee: \$4,313 (2021)

CRJU308-22S2 (C) Semester 2**CRJU309 International Criminal Law**

15 Points 0.1250 EFTS

Not offered in 2022

The aim of this course is to provide a comprehensive introduction to the field of international criminal law, which is taken to include the substantive criminal law (international and transnational crimes), and international criminal procedures (such as extradition, mutual legal assistance, transfer of proceedings, transfer of prisoners, recognition of criminal judgments, etc).

P: (1) CRJU202 and 45 additional points at 200 level from Schedule C to the Bachelor of Criminal Justice, or (2) LAWS202 and 30 additional points at 200 level from Schedule C to the Bachelor of Criminal Justice.

R: LAWS321

EQ: LAWS321

CRJU310 Special Topic

15 Points 0.1250 EFTS

Not offered in 2022

P: (1) CRJU201; and (2) CRJU202 or LAWS202.

CRJU311 Transnational Criminal Law

15 Points 0.1250 EFTS

Not offered in 2022

Globalised criminal activity has forced states to coordinate their legal responses. This course examines the system of international and domestic laws used by states to suppress transnational criminal activity. First it examines the identification of transnational criminal threats and the development of policy in response. Then it examines the substantive crimes established through treaties. It analyses the contraband offences, crimes of violence and the concept of transnational organised crime. Finally it examines international procedural co-operation. It begins with the foundational issue of jurisdiction and then turns to the steps in that process such as mutual legal assistance and extradition.

P: (1) CRJU202 and 45 additional points at 200 level from Schedule C to the Bachelor of Criminal Justice, or (2) LAWS202 and 30 additional points at 200 level from Schedule C to the Bachelor of Criminal Justice.

R: LAWS315

EQ: LAWS315

CRJU312 Contemporary Issues in Criminal Law and Procedure

15 Points 0.1250 EFTS

Not offered in 2022

Selected topics of current importance in criminal law, drawn from the following list: gender issues in criminal law; dealing with insanity and intellectual disability in criminal cases; consent in sexual offences and offences against the person; offences involving alcohol and drugs; self-defence and the use of force in the defence of property; state powers of search and seizure; prosecutorial discretion and the initiation of proceedings; computer crime; terrorism-related offences; changes to pre-trial and trial proceedings including inquisitorial trials; double jeopardy; interference with criminal proceedings (including both offences against justice and contempt of court).

P: (1) CRJU202 and 45 additional points at 200 level from Schedule C to the Bachelor of Criminal Justice, or (2) LAWS202 and 30 additional points at 200 level from Schedule C to the Bachelor of Criminal Justice.

R: LAWS380

EQ: LAWS380

CRJU314 Serious Financial Crime

15 Points 0.1250 EFTS

The course examines the nature of selected types of serious financial crime, including money laundering, terrorist financing, corruption, insider trading, and investment frauds. It offers an introduction to the related laws, institutions, and countermeasures against these crimes in New Zealand and internationally. It also identifies the main challenges in combating the emerging financial crime typologies that are committed transnationally and/or use new technologies.

P: (1) CRJU 202 and 45 additional points at 200-level from Schedule C to the Bachelor of Criminal Justice, or (2) LAWS 202 and 30 additional points at 200-level from Schedule C to the Bachelor of Criminal Justice.

R: LLAW314

Domestic Fee: \$845 (2021)

International Fee: \$4,313 (2021)

CRJU314-22S1 (C) Semester 1**Postgraduate**

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

CRJU601 Research Methods in Criminal Justice

30 Points 0.2500 EFTS

This course provides an introduction to the techniques used in criminal justice research. The goal of this course is to help students develop an understanding of the kinds of research conducted in the criminal justice field, the role of the researcher, general steps in the research process, and research design, statistical analysis and kaupapa Māori research methods. In addition, attention will be given to the ethical issues the researcher must consider when designing research and the process of ethical approval. Finally, the course will explore the application of research findings to real world situations.

P: Subject to the approval of the Head of Department of Law.

Domestic Fee: \$1,937 (2021)

International Fee: \$9,375 (2021)

CRJU601-22S1 (C) Semester 1**CRJU602 Criminal Justice Systems**

30 Points 0.2500 EFTS

This course will examine the approaches, practices and processes, and responsible institutions that make up criminal justice systems both in Aotearoa New Zealand and in other jurisdictions. It will consider the factors involved in the decisions and practices in these systems and their functions and dysfunctions, and will also consider current issues and potential reform in these areas.

P: Subject to the approval of the Head of Department of Law.

Domestic Fee: \$1,937 (2021)

International Fee: \$9,375 (2021)

CRJU602-22S2 (C) Semester 2**CRJU603 Contemporary Issues In Criminal Justice**

30 Points 0.2500 EFTS

This course will examine issues of critical importance to the nature and quality of criminal justice. It will consider the political, societal and cultural influences on the emergence of these issues, and evaluate the resilience of criminal justice systems in responding to these issues.

P: Subject to the approval of the Head of Department of Law.

Domestic Fee: \$1,937 (2021)

International Fee: \$9,375 (2021)

CRJU603-22S2 (C) Semester 2**CRJU604 Internship**

30 Points 0.2500 EFTS

Not offered in 2022

This course provides students with the opportunity to apply the knowledge and skills they have acquired in other parts of the Master of Criminal Justice in a professional environment. Placements in areas such as police, corrections and justice as well as non-governmental organisations with an emphasis on criminal justice issues or advocacy will not only give students workplace experience relevant to their degree, but will introduce them to professional ethics, standards and conduct in the criminal justice sphere. Combined with an academic component, which will be relevant to the placement, the internship is intended to help facilitate students' transformation from university students to criminal justice professionals able to reflect critically on both their own performance and organisational culture.

P: Subject to the approval of the Head of Department of Law.

CRJU605 Professional Cultures

30 Points 0.2500 EFTS

This course provides students with the opportunity to think critically and reflectively about an organisation, policy or process of reform in the criminal justice sphere. With the help of an academic supervisor, students will research, plan and present a project, which investigates some part of the criminal justice system unrelated to their dissertation topic and allows them to reflect on and assess the professional standards and culture in that area, while gaining skills in the area of project planning, reporting and time management.

P: Subject to the approval of the Head of Department of Law.

Domestic Fee: \$1,937 (2021)

International Fee: \$9,375 (2021)

CRJU605-22S1 (C) Semester 1**CRJU680 Dissertation**

60 Points 0.5000 EFTS

This course will provide candidates with an opportunity to research and present an extended piece of academic writing that engages with the analysis of one or more key issues in the field of criminal justice. The course will offer training in advanced skills relating to qualitative and/or quantitative analysis and will assess the ability of candidates to present cogent analysis to a professional and informed audience in both a written and an oral format. All CRJU680 candidates are required to produce a Dissertation of 20,000 words on a subject of the candidate's choice.

P: Subject to the approval of the Head of Department of Law.

Domestic Fee: \$3,874 (2021)

International Fee: \$18,750 (2021)

CRJU680-22FY (C) Full Year (February to February)

Cultural Studies

Te Kura Kete Aronui | School of Humanities and Creative Arts

CULT114 Aotearoa - Introduction to New Zealand Treaty Society

15 Points 0.1250 EFTS

Beginning with the Treaty of Waitangi, this course looks at significant events and issues in the shaping of contemporary New Zealand society. The course will explore issues ranging from early Pakeha settlement, the Treaty of Waitangi, colonisation, the NZ wars through to Māori activism, Treaty settlements and claims to self-determination.

R: MAOR108, MAOR113 (prior to 2006)

EQ: MAOR108

Domestic Fee: \$785 (2021)

International Fee: \$3,500 (2021)

CULT114-21SU2 (D) Summer (Nov 21)

CULT114-22S2 (C) Semester 2

CULT114-22S2 (D) Semester 2

CULT132 Cultural Studies: Reading Culture

15 Points 0.1250 EFTS

Not offered in 2022

An introduction to Cultural Studies, emphasising aspects of the field that are most pertinent to English Studies: the textuality of culture, cultural history, and cultural value and taste.

R: ENGL132

EQ: ENGL132

CULT150 Music in Aotearoa New Zealand

15 Points 0.1250 EFTS

Not offered in 2022

A broad-genre approach to the history of music in and of Aotearoa New Zealand, with particular emphasis on notions of identity in a bicultural society, musical identity, sound and place.

R: MUSAI50

EQ: MUSAI50

CULT201 Media Audiences

15 Points 0.1250 EFTS

How does our media consumption shape our opinions, actions, identities and lives? How do audiences influence the production and circulation of media? How do we create our own media presence online, and act as an audience for each other? This course will examine the relationship between audiences and media. We will discuss theory and research that represents audiences as passive consumers of media products, active decoders of media texts, producers of our own representations online, and participants in interactive media production. The course will look at a broad range of media forms (such as television, radio, film, the Internet, social networking, home theatre, cell phones and videogames), and content (including violence, music, reality television, soap operas, news, Facebook, Twitter, and blogs). "Media Audiences" will encourage you to reflect on your own relationship with media, and to consider the broader contexts that shape your listening, viewing, reading, and interaction. We will also be intertwining the theory of audiences with a 'live' research exercise which will guide you through the necessary steps to conducting your own research.

P: Any 15 points at 100 level from COMS or CULT, or any 60 points at 100 level from the Schedule V of the BA.

R: COMS201

EQ: COMS201

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

CULT201-22S2 (C) Semester 2

CULT202 Cultural Politics/ Cultural Activism

15 Points 0.1250 EFTS

The course considers the strategic roles that culture can play in influencing political and social change, studying a wide variety of cultural texts and practices.

P: Any 15 points at 100 level from CULT or ENGL, or any 60 points at 100 level from any subject.

R: ENGL232

EQ: ENGL232

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

CULT202-22S1 (C) Semester 1

CULT206 From Bambi to Kong: The Animal in Popular Culture

15 Points 0.1250 EFTS

This course provides an introduction to human-animal studies through an analysis of cinematic representations of animals and the environment across horror and science fiction genres, animation, comedy and documentary.

P: Any 15 points at 100 level from CULT or ENGL, or any 60 points at 100 level from the Schedule V of the BA.

R: AMST236, AMST331, ENGL243, GEND213, GEND311, and ENGL349

EQ: ENGL243

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

CULT206-22S2 (C) Semester 2

CULT207 Constructing Bodies

15 Points 0.1250 EFTS

This course focuses on the ways in which the body is shaped in culturally/historically specific contexts, which include the lived body as a site of knowledge and experience. It explores a range of body practices, representations and technologies such as non-mainstream body modification, sexuality education, trans medico-surgical practices and the sexualization of culture.

P: Any 15 points at 100 level from CULT or SOCI, or any 60 points at 100 level from the Schedule V of the BA.

R: GEND102, FMST102, GEND112, AMST113, CULT112, AMST142, GEND201, SOCI202

EQ: GEND201, SOCI202

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

CULT207-22S2 (C) Semester 2

CULT209 Humans, Animals and Society

15 Points 0.1250 EFTS

This course introduces students to the study of human relations with other species and the natural world. It provides students with the opportunity to question taken for granted assumptions about nature, the environment and the roles of animals in society and the human services. The topic adopts a social justice approach and includes consideration of issues such as ecofeminism, animal liberation and speciesism in relation to other forms of oppression. The course provides students with the opportunity to question taken for granted assumptions about power as well as encouraging students to think about the nature, form and process of advocacy on behalf of the marginalized.

P: Any 15 points at 100 level from HSRV or CULT, or any 60 points at 100 level from the Schedule V of the BA.

R: HSRV209

EQ: HSRV209

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

CULT209-22S1 (D) Semester 1

CULT209-22S1 (C) Semester 1

CULT213 Digital Cultures

15 Points 0.1250 EFTS

Not offered in 2022

This course will challenge students to critically assess both digital cultures, and their relationship to them. Students will engage with digital tools they might not have experienced before, and consider how a range of digital tools enable, restrict and/or undermine their role as citizens.

P: Any 15 points at 100 level from CULT or DIGI, or any 60 points at 100 level from the Schedule V of the BA.

R: DIGI 201

EQ: DIGI 201

CULT214 Cinematic Sin and Sensuality

15 Points 0.1250 EFTS

Not offered in 2022

This course addresses the myriad and often conflicting ways that sex and sexuality have been represented throughout the history of Western cinema, with an emphasis upon Hollywood and American independent film.

P: Any 15 points at 100 level from CINE or CULT, or any 60 points at 100 level from the Schedule V of the BA.

R: CINE223

RP: CINE101, CINE102, CINE104

EQ: CINE223

CULT215 Coming of Age in Global Cinema

15 Points 0.1250 EFTS

The coming-of-age experience is familiar to all social classes and cultures. Stories of youth after childhood are compellingly represented in films across the globe. In this course, we will examine the representation of adolescence within an international context, focusing primarily on the experience of youth beyond dominant Hollywood. We will closely analyse those films from across the globe that complicate our understanding of adolescent identity by acknowledging its intersection with other kinds of identification - in particular racial, class, national, and that of sexual orientation.

P: Any 15 points at 100 level from CINE or CULT, or any 60 points at 100 level from the Schedule V of the BA.

R: CINE203, CINE303

RP: CINE101, CINE102, CINE104

EQ: CINE203, CINE303

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

CULT215-22S1 (C) Semester 1

CULT219 Te Tiriti: The Treaty of Waitangi

15 Points 0.1250 EFTS

This course uses the Treaty of Waitangi to frame examinations of contemporary New Zealand society. We ask questions designed to highlight and emphasise the relevance of the Treaty of Waitangi to everyday New Zealanders. In addition, the course looks at the importance of this document in the maintenance of Crown and Māori relations. Topics covered range from the signing of the Treaty, and historical developments, to the protest movements and activism of the continuing Māori renaissance period, race relations and one law-for-all.

P: Any 15 points at 100 level from CULT, HIST, HSRV, MAOR, POLS, SOCI, or TREQ, or any 60 points at 100 level from the Schedule V of the BA.

R: MAOR219, POLS218, POLS258, HIST268, SOCI209, HSRV207

EQ: MAOR219, POLS218, POLS258, HIST268, SOCI209, HSRV207

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

CULT219-2252 (C) Semester 2

CULT233 Popular Music in Context

15 Points

0.1250 EFTS

Not offered in 2022

An exploration of contemporary popular music styles from a range of genres, and their historical significance and wider contexts, including music for film and television, and the rise of music video.

P: Any 15 points at 100 level from CULT or MUSA, or any 60 points at 100 level from the Schedule V of the BA.

R: MUSA233, MUSA333

EQ: MUSA233

CULT252 Crime Stories

15 Points

0.1250 EFTS

Not offered in 2022

The course addresses the usefulness and range of the crime genre as an appropriate focus for the acquisition of the skills (in research, critical analysis, and written expression) peculiar to English studies, as well as a form of social and political critique. It will particularly concentrate on the last two centuries of the representations of crime, detection, confession, and punishments, assaying major trends and preoccupations present in a range of texts and theories. Within a general contextual examination of engagements between these facets, the development of genre forms and concerns will be considered, especially because the genre often speculates the fears and desires of its time in ways that likewise shape wider perceptions of crime and punishment. Students will be expected to read a range of key material, including a small selection of novels, some short fiction, theoretical writings and visual texts that should represent differences and similarities in representation and subject choice that writers and directors negotiate.

P: Any 15 points at 100 level from CULT or ENGL, or any 60 points at 100 level from the Schedule V of the BA.

R: ENGL252; ENGL352; CULT352

EQ: ENGL252

CULT302 Takahi: Colonisation

30 Points

0.2500 EFTS

Colonisation has had a significant effect on the shaping of contemporary New Zealand society. This course will cover key events in the colonisation throughout New Zealand's brief colonial history. This course utilises different theories of colonisation to critically examine the continued subjugation of Indigenous Peoples in Aotearoa and around the world. Special attention will also be paid to breaking down the power relationships that have emerged between coloniser and colonised.

P: Any 30 points at 200 level from CULT, HIST, or MAOR, or any 60 points at 200 level from the Schedule V of the BA.

R: MAOR317, RELS322, HIST366

EQ: MAOR317, RELS322, HIST366

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

CULT302-2252 (C) Semester 2

CULT303 Sexualities in Culture

30 Points

0.2500 EFTS

This course analyses representations and models of 'normal' and 'abnormal' sexuality as these occur in sexology, psychiatry, self-help psychology, cinema and popular culture, and queer activism.

P: Any 30 points at 200 level from CULT or ENGL, or any 60 points at 200 level from the Schedule V of the BA.

R: AMST332, ENGL332, GEND307, GEND211

EQ: ENGL332

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

CULT303-2251 (C) Semester 1

CULT310 Sociology of the City

30 Points

0.2500 EFTS

This course is concerned with the city as it is experienced today: as shifting mixes of public and private spaces in which disruptions provoke different points of view, multiple memories and complex associations.

P: Any 30 points at 200 level from CULT or SOCI, or any 60 points at 200 level from the Schedule V of the BA.

R: SOCI292, SOCI392, SOCI255, CULT210, SOCI355

EQ: SOCI355

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

CULT310-2251 (C) Semester 1

CULT317 Scream Theory: The Changing Face of Fear

30 Points

0.2500 EFTS

Not offered in 2022

This course examines shifting representations of the fearful, monstrous and abject in visual culture and popular culture more generally. Emphasis is placed on sociocultural, feminist and postmodern interpretations of horror themes in American, Japanese and New Zealand contexts.

P: Any 30 points at 200 level from CULT or ENGL, or any 60 points at 200 level from the Schedule V of the BA.

R: AMST313, ENGL313, AMST413, ENGL413, CULT417

EQ: ENGL313

CULT319 Ngāti Āpōpō: Māori Futures

30 Points

0.2500 EFTS

This course explores the local, national and global trends that will materially impact on the future trajectory of Māori self-determination and futures making. Students will investigate how Māori navigate such shifts and trends to advance self-determination as change agents.

P: Any 30 points at 200 level from CULT, MAOR or POLS, or any 60 points at 200 level from the Schedule V of the BA.

R: MAOR301, POLS331, POLS358

EQ: MAOR301

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

CULT319-2252 (C) Semester 2

CULT322 Documentary: From the Margins to the Mainstream

30 Points

0.2500 EFTS

This course examines the artistic and political principles that govern the representation of reality in contemporary documentary film.

P: Any 30 points at 200 level from CINE or CULT, or any 60 points at 200 level from the Schedule V of the BA.

R: CINE302

EQ: CINE302

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

CULT322-2251 (C) Semester 1

CULT333 The Exotic

30 Points

0.2500 EFTS

Not offered in 2022

A course addressing the concept of the exotic as a category of taste and feeling through which to explore the politics and history of literatures in English. Exoticism will be considered via four main sub-categories: primitivism, orientalism, the marvellous and the introduced. A range of texts from the seventeenth to the twenty-first centuries will be studied, deriving from locations as diverse as Britain, Africa, the Indian Subcontinent, Latin America, the Caribbean and the Pacific.

P: Any 30 points at 200 level from CULT or ENGL, or any 60 points at 200 level from the Schedule V of the BA.

R: ENGL307, CULT307, ENGL333

EQ: ENGL333

CULT335 Reading Animals: Beast Fables to Graphic Novels

30 Points

0.2500 EFTS

Not offered in 2022

This course explores the role of imagery and narrative in constituting historical and contemporary conceptions of 'animality' and speciesism across a range of texts and media (including bestiaries, folklore and mythology; field guides and natural histories; wildlife documentaries; zoo display; activist art; science fiction and graphic novels; popular gastronomy).

P: Any 30 points at 200 level from CULT or ENGL, or any 60 points at 200 level from the Schedule V of the BA.

R: ENGL318

EQ: ENGL318

CULT336 Heroines in History

30 Points

0.2500 EFTS

Not offered in 2022

From the days of the Virgin Mary to the advent of Lorde, this course travels through time critically recovering a wide variety of global and local historical heroines. It moves beyond traditional mythological celebration to consider how women's histories have been told, re-told, and represented. What does it take to become celebrated as an icon or role model? Themes include spirituality, health and well-being, warrior and regal identities, politics, governance and domesticity, cross-dressing, martyrdom and untimely death, imperialism, science and technology, education and glamour.

P: Any 30 points at 200 level from CULT or HIST, or any 60 points at 200 level from the Schedule V of the BA.

R: HIST361, HIST255

EQ: HIST361, HIST255

CULT352 Crime Stories

30 Points 0.2500 EFTS

Not offered in 2022

The course addresses the usefulness and range of the crime genre as an appropriate focus for the acquisition of the skills (in research, critical analysis, and written expression) peculiar to English studies, as well as a form of social and political critique. It will particularly concentrate on the last two centuries of the representations of crime, detection, confession, and punishments, assaying major trends and preoccupations present in a range of texts and theories. Within a general contextual examination of engagements between these facets, the development of genre forms and concerns will be considered, especially because the genre often speculates the fears and desires of its time in ways that likewise shape wider perceptions of crime and punishment. Students will be expected to read a range of key material, including a small selection of novels, some short fiction, theoretical writings and visual texts that should represent differences and similarities in representation and subject choice that writers and directors negotiate.

P: Any 30 points at 200 level from CULT or ENGL, or any 60 points at 200 level from the Schedule V of the BA.

R: ENGL252; ENGL352; CULT252

PACE395 Internship

30 Points 0.2500 EFTS

What can you do with your major? With your degree? The purpose of the internship course is to explore both the ideological and practical assumptions guiding this question. The course is designed to be a critical, theoretical and "real-world" examination of the practices and ideologies inherent in both community and business organisations. You will apply the analytical skills acquired through your major, and through class seminars and readings, to a project designed by a local company or community group. Please check out the website for further information and specific project descriptions: www.arts.canterbury.ac.nz/internships

P: 150 points, special application and interview, and permission of the Internship Director.

R: ARTS395

EQ: ARTS395

Domestic Fee: \$1,570 (2021)

International Fee: \$7,000 (2021)

PACE395-21SU2 (C) Summer (Nov 21)**PACE395-22A (C) Starts Anytime****PACE395-22S1 (C) Semester 1****PACE395-22S2 (C) Semester 2**

Limited entry. See limitation of entry regulations. A student will be selected for a specific project. Only students accepted for projects will be allowed into the course. Please go to <http://www.arts.canterbury.ac.nz/internships> for more information.

Postgraduate

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

CULT402 Cultural Studies, Supervised Research

30 Points 0.2500 EFTS

An introduction to postgraduate-level research in Cultural Studies.

P: Subject to approval of the Programme Director.

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

CULT402-22S1 (C) Semester 1**CULT402-22S2 (C) Semester 2****CULT411 Special Topic**

30 Points 0.2500 EFTS

Not offered in 2022

P: Subject to approval of the Programme Director.

CULT412 Special Topic

30 Points 0.2500 EFTS

Not offered in 2022

P: Subject to approval of the Programme Director.

CULT413 Special Topic

30 Points 0.2500 EFTS

Not offered in 2022

P: Subject to approval of the Programme Director.

CULT414 Special Topic

30 Points 0.2500 EFTS

Not offered in 2022

P: Subject to approval of the Programme Director.

CULT415 Sexualities, Gender and Relationalities

30 Points 0.2500 EFTS

This course explores the changing landscape of sexuality and gender categories and identities, as well as new forms and understandings of attraction and relationality. It considers how various identities, representations and practices disrupt and/or reproduce traditional gender, sexual and/or relationship normativities in various ways, for example, asexuality, the 'manosphere' and consensual non-monogamies.

P: Subject to the approval of the Head of Department

R: SOCI404

EQ: SOCI404

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

CULT415-22S1 (C) Semester 1**CULT416 Constructing Feminist History**

30 Points 0.2500 EFTS

Not offered in 2022

A synthesizing sweep of the construction of feminist history in post counter cultural western societies. It examines the growth and development of women's, gender and feminist history. The major theme is the contested position of women as essential subjects in history.

P: Subject to approval of the Programme Director.

R: HIST440, CULT404, GEND412

EQ: HIST440, CULT404, GEND412

CULT418 Intersectionalities: Humans, Animals and Otherness

30 Points 0.2500 EFTS

In recent years, scholars in the humanities have broadened out from a narrow focus on knowledge about 'the human' and begun to investigate wider aspects of the nonhuman material world - especially the relationships between human culture, animals, environments and ecologies. These tendencies - variously labeled ecocriticism, zoöcriticism, anthrozoology and Human-Animal Studies (HAS) - are now generating some of the most vigorous and compelling work by researchers in Humanities disciplines. CULT418 offers an in-depth examination of key areas of this new interdisciplinary field.

P: Subject to approval of the Programme Director.

R: ENGL411

EQ: ENGL411

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

CULT418-22S2 (C) Semester 2**CULT419 The Policies and Politics of Sex**

30 Points 0.2500 EFTS

This course provides students with an interest in human service practice the opportunity to investigate shifting socio-cultural constructions of sexuality with an emphasis on the contradictions and complexities in the social regulation of sexuality and the contours of state control. Issues relating to human service practice explored in the course include: reproductive rights; law reforms, queer culture and homophobia; local and international control of prostitution; the emergence of sexual rights; pornography and eroticism; sex education and the hidden curriculum; sex and harassment; sexual violence; safe sex and the HIV/AIDS era; sexuality and ageing; cultural sexualities; the medicalisation of sexuality and the transgendered body.

P: Subject to approval of the Programme Director.

R: HSRV407

EQ: HSRV407

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

CULT419-22S2 (D) Semester 2**CULT420 Te Matakahi: Indigenous Critical Theory**

30 Points 0.2500 EFTS

Theory for Māori and indigenous scholars. The study of counter-hegemonic theory in contemporary post-colonial states. How resistance theory and praxis evolved in response to colonial expansion, assimilation and other violence. The contribution of emancipatory theorising. Limits and restrictions placed upon indigenous options by neoliberalism, biculturalism and multiculturalism, and, self-locking within the coloniser-colonised binary. Can we maintain resistance and create new spaces and practices 'outside' of this relationship? Theorists include Frantz Fanon, Albert Memmi, Edward Said, Malcolm X, Homi Bhabha, Gayatri Spivak and others.

P: Subject to approval of the Programme Director.

R: MAOR401

EQ: MAOR401

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

CULT420-22S1 (C) Semester 1

CULT421 Multispecies Studies

30 Points 0.2500 EFTS

Not offered in 2022

This course introduces a new subfield of anthropology concerned with the interconnectedness of humans and other life forms. Recognizing that the human condition cannot be understood in isolation, it considers the meaningful agency of nonhuman others and their entanglement with human lives, landscapes and technologies. The course introduces students to cutting-edge studies of mammalian interspecies intimacies, to intersections with insects, fish, fungi, and microbes, to issues of extinction and invasion, and to the implications of other species for human bodies, economies, foods and technologies.

P: Subject to approval of the Programme Director.

R: ANTH410, SOCI410

EQ: ANTH410, SOCI410

CULT650 MA Dissertation

60 Points 0.5000 EFTS

MA Dissertation

P: Subject to approval of the Head of Department.

Domestic Fee: \$3,610 (2021)

International Fee: \$16,500 (2021)

CULT650-22A (C) Starts Anytime**CULT650-22S1 (C) Semester 1****CULT650-22S2 (C) Semester 2****CULT690 MA Thesis**

120 Points 1.0000 EFTS

P: Subject to approval of the Programme Director.

Domestic Fee: \$7,220 (2021)

International Fee: \$33,000 (2021)

CULT690-22A (C) Starts Anytime*Part-time enrolment (0.65 EFTS) is available on approval.***CULT790 Cultural Studies PhD**

120 Points 1.0000 EFTS

P: Subject to approval of the Programme Director.

Domestic Fee: \$7,220 (2021)

International Fee: \$33,000 (2021)

CULT790-22A (C) Starts Anytime*Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.***DATA203 Data Science Multivariable Methods**

15 Points 0.1250 EFTS

This course develops foundations for data science techniques. The focus of this course is on applications to modern data processing problems. Students will be introduced to multivariate statistical, linear algebra and calculus topics that are needed in data science and related subjects.

P: One of DATA101, STAT101 or EMTH119; and one of MATH102, MATH199 or EMTH118

R: MATH203 / EMTH211

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

DATA203-22S1 (C) Semester 1**DATA301 Big Data Computing and Systems**

15 Points 0.1250 EFTS

The course introduces distributed computational techniques, distributed algorithms and systems/programming support for large-scale processing of data.

P: COSC 262

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

DATA301-22S1 (C) Semester 1**DATA303 Computational Data Methods**

15 Points 0.1250 EFTS

This course extends multivariate data science techniques to topics such as classification, data fitting, regularization and regression. The focus of this course is on the methods which support many modern data processing applications. Students will be introduced to multivariate statistical techniques, linear algebra and calculus topics that are needed in data science.

P: MATH203 or DATA203 or EMTH211

R: MATH303

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

DATA303-22S2 (C) Semester 2**DATA309 Data Science Capstone Project**

30 Points 0.2500 EFTS

Not offered in 2022

This course will develop your ability to undertake research in data science. Your project will be motivated by a real data science problem, and you will design and complete a research project towards a solution. You will work in a group, with group supervision and, where appropriate, will meet with your data science industry contact. The course consists of regular lectures/tutorials and project group meetings, supported by web-based resources. You will present your findings to other students and stake holders, and prepare a written report. The emphasis is on working together to solve real-life data science problems using skills that are transferable to the workplace.

P: Subject to approval of the Head of Department.

Data Science

*Te Kura Hanga Otinga | School of Product Design***DATA101 Introduction to Data Science**

15 Points 0.1250 EFTS

Data Science is a fast growing, important, and globally in-demand discipline. This course is designed to introduce students to the fundamentals of this field. It will start by introducing key mathematical and statistical concepts and applications like exploratory data analysis, probability (with a focus on essential theories, discrete and continuous random variables), modelling, inference, and bivariate data. It will also address a range of more applied topics where data is important to making decisions, including data wrangling, data analysis, and data visualisation, supported by the statistical programming language R.

P: 1. MATH101, or 2. NCEA 14 Credits at level 3 Mathematics, or 3. Cambridge: D at A level or an A at AS level in Mathematics, or 4. IB: 4 at HL or 5 at SL in Mathematics, or 5. Approval of the Head of School based on alternative prior learning.

R: STAT101

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

DATA101-22S2 (C) Semester 2**DATA101-22S2 (D) Semester 2****DATA201 Data Wrangling**

15 Points 0.1250 EFTS

This course introduces students to data cleaning, standardisation, and the integration of disparate data sources and structures. Students will learn how to convert data from many different sources into a consistent format ready for analysis, and will learn about data quality, ethics, management, storage, and persistency.

P: 15 points of 100 level COSC, DATA, MATH, or STAT or INFO125

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

DATA201-22S2 (C) Semester 2**HLTH309 Data Science Applications for Population Health**

30 Points 0.2500 EFTS

Not offered in 2022

In this course the student will apply principles of data science on real-world population health setting, collaborating with community partners to solve real world problems. There will be a mix of classroom instructions, workshops, and a capstone collaborative project with community partners. The community partners will provide a population health related "challenge" to the student and work with them. The student will design and complete a data-driven project towards a solution. The students will work in groups, and they will receive joint supervisions from the academic advisors and the community partner advisors. At the completion of this course, students will do a group-presentation and a written report. Thus the course will provide students an opportunity to display their data science skills in a real-world setting and gain valuable experience of working with future employers and be job-ready.

P: 60 points at 200 level, including HLTH213 and HLTH214

Postgraduate

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

DATA401 Statistics

15 Points 0.1250 EFTS

This course covers the development of statistical concepts and their application to complex systems.

P: Subject to approval of the Head of School

Domestic Fee: \$969 (2021)

International Fee: \$4,125 (2021)

DATA401-22S1 (C) Semester 1**DATA401-22S1 (D) Semester 1****DATA401-22S2 (C) Semester 2****DATA401-22S2 (D) Semester 2****DATA401-22X (C) 28 Nov 2022 - 12 Feb 2023**

DATA415 Computational Social Choice
15 Points 0.1250 EFTS**Not offered in 2022**

This course provides a thorough introduction to both classical and computational social choice. Social choice theory is the study of mechanisms for collective decision making, such as voting rules or protocols for fair division. Computational social choice addresses problems at the interface of social choice theory with computer science, it uses concepts from social choice theory in the presence of big datasets. This course will introduce some of the fundamental concepts in social choice theory and how they are used in today's data science. The topics covered include material in voting theory, preference aggregation, judgment aggregation, and fair division.

P: Subject to approval of the Head of Department of Mathematics and Statistics.

DATA416 Contemporary Issues in Data Science
15 Points 0.1250 EFTS

This course focuses on the technical challenges in data science that societal and regulatory actions pose. It aims to introduce students the often very different and sometimes even conflicting perspectives from which policymakers and the technical community approaches these problems. We will review and discuss different examples from different areas of data science such as the extent to which machine learning and deep learning techniques conform with GDPR regulations on transparency, explainability, and accountability; impossibility theorems showing off the limits of data science methods; the mathematical foundations and data science techniques for mechanism design in order to manipulate beliefs (represented as transitive, anti-symmetric, and complete binary relations); and provide students as potential future product developers with the necessary knowledge to engage in responsible product development practices that are informed by regulatory requirements and expectations. This course develops students' understanding of the role of data science in decision making and the impact of data science in the design of AI systems. The course reflects the main issues of controversy identified in international policy debates.

P: Subject to approval of the Head of Department of Mathematics and Statistics.

Domestic Fee: \$969 (2021)

International Fee: \$4,125 (2021)

DATA416-22S1 (C) Semester 1**DATA416-22S1 (D) Semester 1****DATA417 The Trustworthy Data Scientist**

15 Points 0.1250 EFTS

This course will stimulate students to think about the ethical facets of their data scientific projects and provide them with conceptual and practical tools to assess said project. The ethics and security of data collection, storage, manipulation, analysis and communication is of paramount importance in our information based society. This course faces these topics from the point of view of data scientists—rather than consumers or data subjects—enabling the student to become trustworthy professionals. The students will learn to identify risk and opportunities related to fairness, agency, interpretability, and security. Māori Data Sovereignty, Te Mana Raraunga, and its relevance for data scientist in New Zealand will be introduced. The course will follow a flipped class-room flow. Fundamental concepts will be first introduced via guided discussions and hands-on-data exercises during the laboratories. In the lectures, the understanding of concepts and tools introduced in the laboratories is made rigorous and generalised.

P: Subject to approval of the Head of Department of Mathematics and Statistics.

Domestic Fee: \$969 (2021)

International Fee: \$4,125 (2021)

DATA417-22S2 (C) Semester 2**DATA419 Online Communities and Social Networks**

15 Points 0.1250 EFTS

This course introduces to the analyses of online communities and social networks. Students will learn to formulate scientific questions about the online dynamics and use open software to collect, organize, model, and communicate data from common social networks.

P: Subject to approval of the Head of Department of Mathematics and Statistics.

Domestic Fee: \$969 (2021)

International Fee: \$4,125 (2021)

DATA419-22S1 (C) Semester 1**DATA420 Scalable Data Science**

15 Points 0.1250 EFTS

This course will introduce students to core topics in scalable data science based on distributed-computing techniques. This is a very practical course, with students learning by experimenting on a computer cluster.

P: Subject to approval of the Head of Department of Mathematics and Statistics.

Domestic Fee: \$1,051 (2021)

International Fee: \$5,000 (2021)

DATA420-22S1 (C) Semester 1**DATA420-22S1 (D) Semester 1****DATA420-22S2 (C) Semester 2****DATA420-22S2 (D) Semester 2****DATA422 Data Wrangling for Data Science**

15 Points 0.1250 EFTS

This course develop students skills in data cleaning and processing, data integration techniques and implementing data wrangling workflows for a real world datasets.

P: Subject to approval of the Head of Department of Mathematics and Statistics.

Domestic Fee: \$1,051 (2021)

International Fee: \$5,000 (2021)

DATA422-22S2 (C) Semester 2**DATA422-22S2 (D) Semester 2****DATA423 Data Science in Industry**

15 Points 0.1250 EFTS

In this course we will address core topics in the application of data science in industry.

P: Subject to approval of the Head of Department of Mathematics and Statistics.

Domestic Fee: \$1,051 (2021)

International Fee: \$5,000 (2021)

DATA423-22S1 (C) Semester 1**DATA423-22S1 (D) Semester 1****DATA423-22S2 (C) Semester 2****DATA423-22S2 (D) Semester 2****DATA424 Information Is Beautiful**

15 Points 0.1250 EFTS

This course will introduce students to the truthful art of visualizing data. The students will use an iterative design process to create visualizations that are truthful, functional, beautiful, insightful and enlightening. The lectures will consist of presentations, critiques, in-class exercises and discussions. This course will enable students to select appropriate visualization methods for their data and solve practical data science communication problems. They will consider the context and the intended reader to focus the story their data will tell. The students will learn to use the Tableau software, which will be made available for their own computers within the framework of this course. The course will provide a supportive environment in which students can experiment with the aesthetics of data visualization. Students will need to be familiar with basic data manipulation principles and the process of data gathering and cleaning.

P: Subject to approval of the Head of Department of Mathematics and Statistics.

Domestic Fee: \$1,051 (2021)

International Fee: \$5,000 (2021)

DATA424-22S2 (C) Semester 2**DATA425 Foundations of Deep Learning**

15 Points 0.1250 EFTS

The aim of this course is to introduce students to foundational concepts of deep neural networks. The focus of this course is on both fundamental and applied methods in deep neural networks. A range of topics from convolutional and recurrent type networks to neural-network generative models and attention mechanisms will be introduced.

P: Subject to HoS approval

R: DATA473

Domestic Fee: \$1,051 (2021)

International Fee: \$5,000 (2021)

DATA425-22S1 (C) Semester 1**DATA428 Data Science Project**

15 Points 0.1250 EFTS

This course provides students with an opportunity to develop data science skills to extend and strengthen their understanding of an area of data science.

P: Subject to approval of the Head of Department of Mathematics and Statistics.

Domestic Fee: \$1,051 (2021)

International Fee: \$5,000 (2021)

DATA428-22S1 (C) Semester 1**DATA428-22S2 (C) Semester 2****DATA429 Data Science Independent Study**

15 Points 0.1250 EFTS

This course provides students with an opportunity to develop data science skills in a specific area of data science. The intent of the course is to provide students with an opportunity to work on a data science industry topic with an academic supervisor.

P: Subject to approval of the Head of Department of Mathematics and Statistics.

Domestic Fee: \$1,051 (2021)

International Fee: \$5,000 (2021)

DATA429-22S1 (C) Semester 1**DATA429-22S2 (C) Semester 2****DATA430 Medical Data Informatics**

15 Points 0.1250 EFTS

Not offered in 2022

This course explores statistical models, algorithms, and programming platforms for medical data including imaging, clinical and research text reports, lab results, and patient records.

P: Subject to approval of the Head of Department of Computer Science and Software Engineering.

Limited entry. See limitation of entry regulations.

DATA472 Special Topic
15 Points 0.1250 EFTS
P: Subject to the approval of the Head of School
Domestic Fee: \$969 (2021)
International Fee: \$4,125 (2021)
DATA472-22S1 (C) Semester 1
DATA472-22S2 (C) Semester 2

DATA477 Special Topic: Mixed Reality
15 Points 0.1250 EFTS
P: COSC262 or approval by the Head of Department
R: COSC477
RP: COSC363, COSC368, COSC411, COSC428
EQ: COSC477
Domestic Fee: \$1,051 (2021)
International Fee: \$5,000 (2021)
DATA477-22S2 (C) Semester 2

DATA480 Research Project
30 Points 0.2500 EFTS
Project
P: Subject to the approval of the Programme Director
Domestic Fee: \$1,937 (2021)
International Fee: \$8,250 (2021)
DATA480-22W (C) Whole Year (S1 and S2)
DATA480-22CY (C) Cross Year

DATA601 Applied Data Science Project
45 Points 0.3750 EFTS
This project will give you the skills, and experience to work in a team to solve real world data science problems.
P: Subject to the approval of the Head of School
Domestic Fee: \$2,906 (2021)
International Fee: \$12,375 (2021)
DATA601-22A (C) Starts Anytime
DATA601-22X (C) 14 Nov 2022 - 12 Feb 2023

DATA690 MSc thesis
120 Points 1.0000 EFTS
P: Subject to the approval of the Programme Director
Domestic Fee: \$7,748 (2021)
International Fee: \$33,000 (2021)
DATA690-22A (C) Starts Anytime

Digital Humanities

Te Kura Kete Aronui | School of Humanities and Creative Arts

DIG101 Working in a Digital World
15 Points 0.1250 EFTS
This course provides students with an understanding of how the digital world is engineered, and exposes them to a range of tools commonly used by knowledge workers. Students will learn to critically evaluate systems from both a technical and human point of view.
R: COSC 110, COSC 101
EQ: COSC101
Domestic Fee: \$892 (2021)
International Fee: \$4,563 (2021)
DIG101-22S1 (C) Semester 1

DIG102 Computers, Artificial Intelligence, and the Information Society
15 Points 0.1250 EFTS
Not offered in 2022
Our art, culture, politics, society, and economy are powered by computing machines. This course will provide an outline history of computing from the 1930s to the present day, and offers students an introduction to the foundations of computing and information processing, as well as to the corporations who sell us our devices and software, and to moral, philosophical and ethical issues fundamental to information, information-processing, and the information society. The course also examines Artificial Intelligence: what is AI and can it be achieved? How could you tell whether a computer has a mind? Is the human brain in fact a computer? In addition, some specifically Māori computing initiatives will be described and placed in their philosophical context.
R: PHIL137, POLS137
EQ: PHIL137, POLS137

DIG103 Statistics 1
15 Points 0.1250 EFTS
An introduction to the ideas, techniques and applications of statistics and probability.
R: STAT101
EQ: STAT101
Domestic Fee: \$802 (2021)
International Fee: \$4,563 (2021)
DIG103-22S1 (C) Semester 1
DIG103-22S2 (C) Semester 2

DIG125 Music Technologies
15 Points 0.1250 EFTS
Development of knowledge of Digital Audio Workstations (DAWs) and the fundamentals of using computers for digital sampling, mixing and editing. Developing skills in the use of computer-based music notation technologies.
R: MUSI125, MUSA125
EQ: MUSA125
Domestic Fee: \$892 (2021)
International Fee: \$4,313 (2021)
DIG125-22S1 (C) Semester 1

DIG1201 Digital Cultures
15 Points 0.1250 EFTS
Not offered in 2022
This course will challenge students to critically assess both digital cultures, and their relationship to them. Students will engage with digital tools they might not have experienced before, and consider how a range of digital tools enable, restrict and/or undermine their role as citizens.
P: Any 15 points at 100 level from COMS, CULT, DIGI, ENGL, or PHIL, or any 60 points at 100 level from the Schedule V of the BA.
R: CULT 213
EQ: CULT 213

DIG1202 Cyberspace, Cyborgs, and the Meaning of Life
15 Points 0.1250 EFTS
This course investigates a raft of questions - concerning mind, metaphysics, knowledge and human nature - thrown up by the ongoing revolution in information technology. These include: Might I attain immortality by porting myself into cyberspace? Am I already in cyberspace? Is the universe nothing but a computer? Should we fear a forthcoming Age of Robots? Is my iPhone part of my mind? Could a computer ever be programmed to be creative and intelligent, and to equal or exceed the problem solving capacities of the human brain?
P: Any 15 points at 100 level from COSC, DIGI, MATH, or PHIL, or any 60 points at 100 level from the Schedule V of the BA.
R: PHIL235, PHIL335, DIGI302
EQ: PHIL235
Domestic Fee: \$799 (2021)
International Fee: \$3,600 (2021)
DIG1202-22S2 (C) Semester 2
DIG1202-22S2 (D) Semester 2

DIG1204 Communicating with Data and Digital Media
15 Points 0.1250 EFTS
This course introduces data communication techniques and topics, and will provide students with a toolkit to analyse and evaluate the use of data and digital platforms in a range of contexts, including data-driven social research and communication. We focus on the preparation and visualisation of tabular and social network data, writing and evaluating web content in relation to data practices, and critical topics such as privacy and the datafication of everyday life.
P: Any 60 points at 100-level.
Domestic Fee: \$799 (2021)
International Fee: \$3,600 (2021)
DIG1204-22S1 (C) Semester 1

DIG1205 Introduction to Geographic Information Systems
15 Points 0.1250 EFTS
Geographic Information Systems (GIS) provide the tools for managing, analysing and presenting spatial information in an intuitive and graphical way. This course provides students with an introduction to the fundamental concepts, principles and techniques of GIS. The course examines the use of geographic technology including global positioning systems as well as GIS. It also introduces you to the development of GIS and GPS software skills, including ArcView.
P: Any 30 points at 100 level from the BA, BE (Hons), BSc or BCom.
R: GEOG205
Domestic Fee: \$892 (2021)
International Fee: \$4,563 (2021)
DIG1205-22S1 (C) Semester 1

Digital Humanities

DIGI207 Social Media

15 Points 0.1250 EFTS

This course prepares students to do public communication in a rapidly changing media environment. The first half of the course explores how a range of social media platforms work and how professional communicators are attempting to use it. Topics will include networks, convergence culture, privacy and new forms of public life. In the second half of the course students will apply these ideas in a community or workplace environment. This course involves community and work-integrated learning.

P: Any 15 points at 100 level from COMS or DIGI, or any 60 points at 100 level from the Schedule V of the BA.

R: COMS222, COMS207

EQ: COMS207

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

DIGI207-22S2 (C) Semester 2

DIGI210 Big Data in society: Navigating Concepts, Methods and Critical Perspectives

15 Points 0.1250 EFTS

Not offered in 2022

Big Data has gained significant attention within the last decade. But what really is Big Data? This course will look at the epistemology and central methods of Big Data. The focus is both theoretical and practical, first delving into the concept of Big Data, including how to conceive data-driven approaches and potential solutions, and then exploring simple ways to use the abundance of digital data sources to analyze, visualize and tell stories with data. Part of the course also involves knowing the limitations of Big Data and learning to critically assess data-driven methods.

P: Any 60 points at 100 level.

DIGI212 Crime, Justice and Digital Society

15 Points 0.1250 EFTS

From cybercrime to 'big data' policing, digital technologies are reshaping crime and criminal justice practice. This course will: Introduce students to key concepts related to the intersection of crime and justice with data, quantification and digital society; Engage students with debates related to digital technologies and criminal justice through case studies of surveillance, online extremism and predictive policing; Introduce key statistics used in criminal justice policy-making, law enforcement, incarceration and rehabilitation in New Zealand and explain how these statistics are created, used and sometimes abused; Introduce data and digital literacy skills; Embed an understanding of indigenous data sovereignty; Relate theory to emerging practice by engaging students with professionals at the leading edge of digital technologies and criminal justice.

P: Any 15 points at 100-level in CRJU, LAWS, DATA or DIGI; or any 60 points at 100-level from Schedule V of the BA.

R: CRJU212

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

DIGI212-22S2 (C) Semester 2

DIGI223 Text Analytics

15 Points 0.1250 EFTS

This course introduces quantitative methods for understanding the vast amount of information and human knowledge that has been stored in the form of language data. This area is also known as computational linguistics or natural language processing.

P: 15 points at any level from any subject.

R: LING223

EQ: LING223

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

DIGI223-22S1 (C) Semester 1

DIGI223-22S1 (D) Semester 1

DIGI301 Reading Digitally: Electronic Texts in Literary Culture

30 Points 0.2500 EFTS

Not offered in 2022

Digital technologies have influenced literary reading and writing at every level, including how we author, publish, distribute, read and study texts. This course equips students with skills for reading and writing in the digital age via a wide-ranging exploration of new media literatures, literature in relation to software cultures, changes to reading practices and cognition, and recent digital research tools and methods. The course will introduce students to new software and some technical concepts, but no special skills or knowledge are required.

P: Any 30 points at 200 level from DIGI or ENGL, or any 60 points at 200 level from the Schedule V of the BA.

R: ENGL345

EQ: ENGL345

DIGI302 Cyberspace, Cyborgs, and the Meaning of Life

15 Points 0.1250 EFTS

This course investigates a raft of questions - concerning mind, metaphysics, knowledge and human nature - thrown up by the ongoing revolution in information technology. These include: Might I attain immortality by porting myself into cyberspace? Am I already in cyberspace? Is the universe nothing but a computer? Should we fear a forthcoming Age of Robots? Is my iPhone

part of my mind? Could a computer ever be programmed to be creative and intelligent, and to equal or exceed the problem solving capacities of the human brain?

P: Any 30 points at 200 level from COSC, DIGI, MATH, or PHIL, or any 60 points at 200 level from the Schedule V of the BA.

R: PHIL235, PHIL335, DIGI202

EQ: PHIL335

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

DIGI302-22S2 (C) Semester 2

DIGI302-22S2 (D) Semester 2

Postgraduate

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

DIGI401 Digital Methods

30 Points 0.2500 EFTS

Not offered in 2022

This course provides a foundation in digital methods for the arts, humanities, and social sciences. Students are offered overviews of a broad range of digital practices and techniques, with a focus on reading, writing, building, and discussion. The course is recommended to students interested in developing digital research skills to augment their Honours major, or those interested in pursuing digital research at more advanced postgraduate levels.

P: Subject to approval of the Programme Coordinator

DIGI402 The Digital Modern: Humanities and New Media

30 Points 0.2500 EFTS

Not offered in 2022

This course challenges students to apply humanistic methods to the burgeoning field of New Media and digital technologies. It explains the underlying technologies and business processes that power contemporary digital culture, and provides introductory overviews of subjects as varied as cybernetics, network theory, digital hyper-reality, social media, knowledge economies, piracy and the ethics of closed and open systems. While placing an emphasis on the engineered nature of new media, the course doesn't teach programming, instead focusing on history, criticism and critique.

P: Subject to approval of the Programme Coordinator.

DIGI403 Digital Project

30 Points 0.2500 EFTS

An applied course designed to help students develop their own digital projects. No technical background is required. Students will acquire valuable transferable skills, learn how to apply digital tools and methods to research questions, and understand how scholarly knowledge can be delivered through digital channels.

P: Subject to approval of the Programme Coordinator.

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

DIGI403-22S2 (C) Semester 2

DIGI404 Digital Humanities: Tools, techniques and theories

15 Points 0.1250 EFTS

Not offered in 2022

Digital Humanities examines the use of computing tools and digital research methods to study culture and society. This course will explore techniques for accessing and analysing digital texts and images alongside the theoretical and methodological frameworks of digital humanities. We will cover topics such as digitisation, digital access, information extraction, markup languages, network analysis and digital image analysis. Students will be able to explore aspects that relate to their research or professional interests through project work in the second part of the course. The course is taught through a combination of practical workshops, lectures and student-led activities and discussion.

P: Subject to approval of the Programme Coordinator.

R: DIGI401

DIGI405 Texts, Discourses and Data: the Humanities and Data Science

15 Points 0.1250 EFTS

This course examines computer-aided methods used in digital humanities and the social sciences for analysing discourses, an object of study that draws together multiple ways that language reflects and shapes social meanings. Within this context, it introduces concepts and methods for analysing natural language data and applies these through a series of practical lab classes. The first part of the course focuses on classic discourse analysis methods drawn from corpus linguistics, as well as the essential preprocessing steps used to prepare texts for a range of analytical purposes. In the second part of the course we study topic modeling, a technique for unsupervised, exploratory data analysis that has been widely used in digital humanities, and, finally, consider supervised text classification methods to identify discursive attributes such as sentiment, genre, or style.

P: Subject to approval of the Programme Coordinator.

Domestic Fee: \$969 (2021)

International Fee: \$4,125 (2021)

DIGI405-22S1 (C) Semester 1

DIGI405-22S1 (D) Semester 1

DIGI405-22S2 (C) Semester 2

DIGI405-22S2 (D) Semester 2

DIGI406 Independent Course of Study: Digital Project

30 Points 0.2500 EFTS

P: Subject to approval of the Programme Coordinator.

R: DIGI403

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

DIGI406-22S1 (C) Semester 1**DIGI480 Research Essay**

30 Points 0.2500 EFTS

Students taking Digital Humanities Research Essay produce a single 10,000 word essay. The course requires scholarly research, engagement with broader humanities discourse(s), and high bibliographic standards. Focus is on the development of critical and analytical skills that will enable students to move on to Masters and Doctoral studies. Students will be taught how to write about technical subjects in an informed manner, and produce critiques of new media and digital culture. Co-supervision will be organised where appropriate. When available, students will be encouraged to pursue internship and work experience opportunities relevant to their area of study after completion.

P: Subject to approval of the Programme Coordinator.

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

DIGI480-22S1 (C) Semester 1**DIGI480-22S2 (C) Semester 2****DIGI650 MA Dissertation**

60 Points 0.5000 EFTS

MA Dissertation

P: Subject to approval of the Head of Department.

Domestic Fee: \$3,610 (2021)

International Fee: \$16,500 (2021)

DIGI650-22A (C) Starts Anytime**DIGI650-22S1 (C) Semester 1****DIGI650-22S2 (C) Semester 2**

Disaster Risk and Resilience

Department of Geological Sciences

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

DRRE401 Introduction to Disaster Risk and Resilience

15 Points 0.1250 EFTS

The DRRE401 course provides an introduction to disaster risk and resilience situations, theory and practices. It explores drivers of disaster risk and covers national and international frameworks for disaster risk reduction. The course allows students to undertake natural hazard risk assessments and explore resilience strategies for real life communities in high risk environments (via field trips) and utilises a number of guest lectures from leading international thinkers in this field. The course assumes no background, but progresses to advanced topics throughout the course.

P: Subject to approval of the Programme Director

R: HAZM401

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

DRRE401-22X (C) 21 Feb 2022 - 24 Apr 2022**DRRE402 Natural Hazard Risk Assessment**

15 Points 0.1250 EFTS

The DRRE402 course provides an introduction to natural hazard risk assessment and management theory and practices, with a strong focus on risk communication. The course assumes no background, but progresses to advanced topics throughout the course. The course begins with equipping students with a strong foundation in risk concepts and the risk management process. It then progresses to using risk tools and applications in real world case-studies as part of course assessment. The course includes a number of guest lecturers from industry and local government.

P: Subject to approval of the Programme Director.

R: HAZM410, ENCI601

RP: 100-level statistics

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

DRRE402-22T2 (C) 25 Apr 2022 - 05 June 2022**DRRE403 Disaster Risk and Resilience Applications**

15 Points 0.1250 EFTS

The DRRE403 course develops students' applied research and practical skills, with a focus on disaster risk and resilience. A strong focus of the course is on developing disaster-related communication skills and confidence, during both crisis and non-crisis situations. Students are introduced to contemporary approaches to decision-making under uncertainty, and disaster ethics, and develop transferrable fundamental skills through writing literature reviews and

formal research proposals, and by conducting poster and oral presentations. Practical, applied skills are developed through participation in dynamic disaster simulations (including a mock press conference with the UC Journalism programme), and through writing policy briefs for senior leadership (e.g. government ministers).

P: Programme Director approval.

R: HAZM403

RP: DRRE401

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

DRRE403-22S2 (C) Semester 2**DRRE404 Special Topic**

15 Points 0.1250 EFTS

An opportunity for students to explore topic areas in the field of disaster risk and resilience that are not addressed in other courses, under the guidance of Disaster Risk and Resilience teaching staff.

P: Subject to approval of the Programme Director

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

DRRE404-22S1 (C) Semester 1**DRRE404-22S2 (C) Semester 2****DRRE405 Special Topic**

15 Points 0.1250 EFTS

Not offered in 2022

An opportunity for students to explore topic areas in the field of disaster risk and resilience that are not addressed in other courses, with guidance and support from Disaster Risk and Resilience teaching staff.

P: Subject to approval of the Programme Director

DRRE408 GIS for Disaster Risk and Resilience

15 Points 0.1250 EFTS

This course provides background concepts for utilising Geographic Information Systems in disaster risk and resilience situations and practice. Although the course assumes no background in GIS, it will progress relatively quickly in Term 4 after students have gained initial familiarity with GIS in Term 3.

P: Subject to approval of the Programme Director

R: HAZM408

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

DRRE408-22X (C) 21 Feb 2022 - 24 Apr 2022**DRRE690 Thesis**

120 Points 1.0000 EFTS

P: Subject to approval of the Programme Director

Domestic Fee: \$8,172 (2021)

International Fee: \$40,000 (2021)

DRRE690-22A (C) Starts Anytime**DRRE691 Professional Project in Disaster Risk and Resilience**

60 Points 0.5000 EFTS

This four month dissertation course requires that students undertake a focused disaster risk and resilience-related individual research project under the supervision of at least one member of the Disaster Risk and Resilience Group. The course gives students the chance to develop the skills learnt in DRRE 403. It may be informed by an internship (enrolment in GEOG 415).

P: Subject to approval of the Programme Director

R: HAZM 691

Domestic Fee: \$4,086 (2021)

International Fee: \$20,000 (2021)

DRRE691-22A (C) Starts Anytime**DRRE691-22X (C) 07 Nov 2022 - 05 Feb 2023****DRRE790 Disaster Risk and Resilience PhD**

120 Points 1.0000 EFTS

P: Subject to approval of the Programme Director.

Domestic Fee: \$8,172 (2021)

International Fee: \$40,000 (2021)

DRRE790-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.

Earthquake Engineering

Te Tari Pūhanga Metarahi, Rawa Taiao | Department of Civil and Natural Resources Engineering

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

ENEQ610 Seismic Hazard and Risk Analysis

15 Points 0.1250 EFTS

Fundamental aspects of earthquakes and faulting, terminology for characterisation of earthquake faults, locating earthquakes, and frequency of earthquake occurrence. Strong ground motion recording and analysis, characterisation of strong ground motion in terms of intensity measures and empirical prediction models. Seismic hazard analysis and the development of design ground motions. Selection and modification of as-recorded ground motions for input in seismic response history analyses. Theoretical considerations in wave propagation and seismic site response analysis. Simulation of strong ground motion time series using deterministic and stochastic methods.

P: Subject to approval of the Head of Department or the Programme Director.

R: ENCI617

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENEQ610-22X (C) 18 July 2022 - 30 Oct 2022

ENEQ620 Advanced Geotechnical Earthquake Engineering

15 Points 0.1250 EFTS

Manifestation and evaluation of soil liquefaction, related ground deformation, and lateral spreading. Effects on shallow foundations, analysis and design of piles, effects on buried pipe networks. Advanced liquefaction analysis. Seismic assessment of geotechnical structures within the performance-based framework.

P: Subject to approval of the Head of Department or the Programme Director.

R: ENCI620

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENEQ620-22X (C) 04 July 2022 - 20 Nov 2022

ENEQ621 Special topic

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Head of Department.

ENEQ623 Finite Element Analysis

15 Points 0.1250 EFTS

Strong, weak, Galerkin, and matrix forms of differential equations; accuracy and characteristics of finite element solutions; isoparametric elements; 1d, 2d, and 3d linear elasticity problems; dynamic analysis of structures with lumped and distributed mass; introduction to nonlinear analysis.

P: Subject to approval of the Head of Department or the Programme Director

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENEQ623-22X (C) 18 Apr 2022 - 17 July 2022

ENEQ624 Nonlinear Structural Analysis and Dynamics

15 Points 0.1250 EFTS

Not offered in 2022

The objective of this course is for students to develop the necessary theoretical understanding of the principles of nonlinear structural analysis.

P: Subject to approval of the Head of Department or Programme Co-ordinator.

ENEQ629 Special Topic: Seismic Soil Structure Interaction

15 Points 0.1250 EFTS

Not offered in 2022

The objective of this course is to provide postgraduate students and practicing engineers with the fundamental concepts and theory of seismic soil-structure interaction (SSI), with special focus on the analytical and numerical tools currently available to account for such problems in earthquake engineering practice. Although the course touches upon important details and aspects of the theory and modeling necessary for seismic problems, emphasis is on the basic concepts required to account for SSI in design and assessment. Both linear and nonlinear aspects of modeling will be covered. Topics: 1. Inertial interaction (system behaviour, impedance functions); 2. Kinematic interaction (slab averaging, embedment effects, piles foundations, use of transfer functions); 3. Models and methods of analysis (substructure and direct approaches; macroelement concept; critical comparison of different methods); 4. Accounting for SSI in the design of reinforced concrete bridges and wall buildings via force-based methods, displacement based methods, and response history analysis.

P: Subject to approval of the Head of Department or Programme Co-ordinator

ENEQ634 Special topic

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Head of Department or the Programme Director.

ENEQ640 Displacement-based Design of Low Damage Structures

15 Points 0.1250 EFTS

Not offered in 2022

Alternative design philosophies and solutions for the seismic design of low-damage structures. Analysis and design criteria for buildings. Introduction to base-isolation, viscous dampers, PRESS-Technology and the hybrid (rocking-dissipative) system concept. Introduction to and application of Displacement Based Design (DBD). Simplified modelling techniques using lumped plasticity approach. Connection between floor-diaphragm and lateral resisting systems. Capacity Design: Issues and solutions. Examples of on-site applications worldwide in low-, medium- or high-seismic areas. Constructability aspects, sequence and detailing.

P: Subject to approval of the Head of Department or Programme Director

R: ENCI615

ENEQ641 Nonlinear Concrete Mechanics and Modelling Techniques

15 Points 0.1250 EFTS

Not offered in 2022

Constitutive modelling of structural concrete and reinforcing bars, Buckling of reinforcing bars, Bond between concrete and reinforcing bar, Confinement and its effect on the behaviour of RC, Shear in RC, Ductility of nonlinear RC members, Issues related to seismic design of RC structures. Macro-modelling approach, using lumped plasticity techniques. Features and characteristics of different hysteresis rules. Modelling Flexure-shear interaction using strength degradation rules. Use and limitation of fiber element modelling and Finite Element micro-modelling. Applications to case studies: experimental-analytical validation. Modelling of sections, connections and structural subassemblies and systems including: beam-column joints, frames, wall systems, diaphragms, floor-to-lateral resisting system connections, non-structural elements including infills/partitions/facades/ceilings.

P: Subject to approval of the Head of Department or Programme Director

ENEQ642 Seismic Assessment and Retrofit Strategies for Existing Reinforced Concrete Buildings

15 Points 0.1250 EFTS

Seismic assessment procedures. Failure mechanisms and experimental evidence. Numerical investigation of reinforced-concrete-infilled frames. Modelling techniques. Overview of alternative retrofit strategies. Use of fibre-reinforced polymers. Flexural, shear and confinement upgrading. Diagonal metallic haunches, external walls, post-tensioned walls, selective weakening.

P: Subject to approval of Head of Department.

R: ENQ692

RP: Post-graduate admission and approval of the departmental Director of Post-graduate Studies. Undergraduate background in earthquake engineering is expected.

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENEQ642-22X (C) 31 Jan 2022 - 17 Apr 2022

ENEQ650 Advanced Steel and Composite Structures

15 Points 0.1250 EFTS

Behaviour and design of steel plate shear walls, buckling restrained braces, low-damage systems. Composite steel-concrete structures, stability issues, fatigue, cold-formed structures.

P: ENCI 423 and ENCI 429 or approval of Head of Department or Programme Director.

R: ENCI611

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENEQ650-22X (C) 04 July 2022 - 13 Nov 2022

ENEQ670 Seismic Bridge Engineering

15 Points 0.1250 EFTS

Not offered in 2022

History of bridges, construction techniques for viaducts, grid decking and box girder systems, creep, shrinkage and differential temperature, lessons learnt from earthquake failures and design issues, longitudinal and transversal seismic design with force and displacement approach, seismic design of bridge substructure, low damage technologies, seismic isolation, advanced non-linear modelling, seismic assessment and retrofit techniques.

P: Subject to approval of the Head of Department or Programme Director

ENEQ680 Seismic Performance and Loss Estimation

15 Points 0.1250 EFTS

Not offered in 2022

Seismic performance and loss assessment of structural systems. Quantifying seismic hazard, seismic response, component damage, and component loss for specific structures as well as a probabilistic frameworks to account for uncertainties. All aspects of the course will focus on case-studies to illustrate the relevant theoretical details as well as the role of loss assessment in decision-making.

P: Subject to approval of the Head of Department or Programme Director

ENEQ681 Special Topic
15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Head of Department or Programme Director.

ENEQ682 Special topic: Ground improvement techniques

15 Points 0.1250 EFTS

Ground improvement techniques review and design; Field soil testing and investigation review and interpretation; seismic hazards assessment and remediation; reclaimed land techniques.

P: Subject to approval of the Head of Department or the Programme Director.

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENEQ682-22X (C) 10 Oct 2022 - 18 Dec 2022

ENEQ690 Earthquake Engineering ME Thesis

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department or Programme Director

Domestic Fee: \$8,697 (2021)

International Fee: \$45,000 (2021)

ENEQ690-22A (C) Starts Anytime

ENEQ790 Earthquake Engineering PhD

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department or Programme Director

Domestic Fee: \$8,697 (2021)

International Fee: \$45,000 (2021)

ENEQ790-22A (C) Starts Anytime

Ecology

Te Kura Pūtaiao Koiira | School of Biological Sciences

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ECOL480 Project

30 Points 0.2500 EFTS

A written report on a research project approved by the Head of Department. The report must be completed and presented to the Registrar by 1 November in the year in which the student presents the courses selected from BIOL434-493.

P: Subject to approval of the Head of School.

Domestic Fee: \$2,266 (2021)

International Fee: \$10,125 (2021)

ECOL480-22W (C) Whole Year (S1 and S2)

ECOL690 MSc Thesis

120 Points 1.0000 EFTS

P: Subject to approval of the Head of School.

Domestic Fee: \$8,697 (2021)

International Fee: \$40,500 (2021)

ECOL690-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval.

ECOL790 PhD Thesis

120 Points 1.0000 EFTS

P: Subject to approval of the Head of School.

Domestic Fee: \$8,697 (2021)

International Fee: \$40,500 (2021)

ECOL790-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.

Economics

Department of Economics and Finance

ECON104 Introduction to Microeconomics

15 Points 0.1250 EFTS

Scarcity, exchange and trade. Market analysis and policy. Consumer choice theory. Theory of the firm. Imperfect competition. Externalities and public goods.

R: ECON199

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

ECON104-22S1 (C) Semester 1

ECON104-22S1 (D) Semester 1

ECON104-22S2 (C) Semester 2

ECON105 Introduction to Macroeconomics

15 Points 0.1250 EFTS

This course introduces students to the macro economy and how it evolved to where it is today.

We examine economic variables and how rises and falls in these variables affect people and businesses. We investigate how government policies, decisions by households and firms, and changes in the world economy affect inflation, exchange rates, interest rates, unemployment, growth, poverty and inequality and other economic outcomes we care about.

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

ECON105-22S1 (C) Semester 1

ECON105-22S2 (C) Semester 2

ECON105-22S2 (D) Semester 2

ECON199 Introduction to Microeconomics

15 Points 0.1250 EFTS

Scarcity, exchange and trade. Market analysis and policy. Consumer choice theory. Theory of the firm. Imperfect competition. Externalities and public goods. (ECON199 is offered under the STAR programme for secondary school students. Secondary School students only may enrol in this course.)

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

P: Subject to approval of the Head of Department.

R: ECON104

ECON199-22X (D) 21 Feb 2022 - 27 Nov 2022

ECON206 Intermediate Macroeconomics

15 Points 0.1250 EFTS

ECON 206 provides an understanding of fluctuations of aggregate activity, the growth of a country's standard of living, and how government choices affect these things. We study how people's and firms' decisions about consumption, saving, and investment affect their welfare and wealth, a country's exports and capital flows, and the values of interest and exchange rates. We look at the role of money, inflation, credit, and the financial system in the economy. We use the aggregate demand and supply model to understand why the economy fluctuates and what it means for people's employment and income. Then we see if the government can stop or mitigate the effects of the fluctuations. Finally, we look at how we can improve our standard of living through economic growth.

P: ECON104 and ECON105

R: ECON201

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

ECON206-22S2 (C) Semester 2

ECON207 Intermediate Microeconomics - Households and Government

15 Points 0.1250 EFTS

ECON 207 is one of two intermediate microeconomics courses which build on the concepts learned in ECON 104. Concepts will be taught with a graphical and/or simple algebraic approach. Most of the first term is spent using the consumer behaviour model to explain optimal consumer decision making with different types of goods. Consumer decision making under risk and uncertainty is also examined. Term two is spent examining what happens when people and businesses are imperfectly informed about their transactions, or about each other. Externalities and public goods are also investigated.

P: ECON104

R: ECON202, ECON203

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

ECON207-22S2 (C) Semester 2

ECON208 Intermediate Microeconomics - Firms and Markets

15 Points 0.1250 EFTS

ECON208 is one of two intermediate microeconomics courses which build on the concepts learned in ECON104. The initial topic is analysing the decision making of perfectly competitive businesses. Specifically, how production processes and the price of inputs influence the output decisions of businesses. All other topics look at what happens when perfect competition fails to hold. The focus is on people and businesses acting strategically and what happens when businesses exploit market power.

P: ECON104

R: ECON202, ECON203

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

ECON208-22S1 (C) Semester 1**ECON213 Introduction to Econometrics**

15 Points 0.1250 EFTS

This course teaches basic skills in econometrics, which is the statistical analysis of economic data. You will learn how to (i) develop a regression model, (ii) estimate it, and (iii) interpret it. General topics that we will cover include OLS regression, prediction, dummy variables, model specification, model selection, robust standard errors, time series forecasting, endogeneity, and qualitative choice models (logit and probit). Two thirds of the course utilizes the statistical software package Eviews and emphasizes application. The remainder teaches the mathematics behind the estimation procedures.

P: (1) ECON104 or ECON105; and (2) 15 points from STAT.

R: ECON214

RP: MATH 101 or Year 13 Math with Calculus.

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

ECON213-22S1 (C) Semester 1**ECON214 Data Analytics for Business Economics**

15 Points 0.1250 EFTS

This course teaches basic skills in econometrics, which is the statistical analysis of economic data. You will learn how to (i) develop a regression model, (ii) estimate it, and (iii) interpret it. General topics that we will cover include OLS regression, prediction, dummy variables, model specification, model selection, robust standard errors, time series forecasting, endogeneity, and qualitative choice models (logit and probit). Two thirds of the course utilizes the statistical software package Eviews and emphasizes application. The remainder teaches EXCEL skills.

P: (1) ECON104 or ECON105; and (2) 15 points from STAT

R: ECON 213

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

ECON214-22S1 (C) Semester 1**ECON222 International Trade**

15 Points 0.1250 EFTS

Microeconomic analysis of international trade, trade policy, the welfare implications of trade and trade policy. The political economy of trade liberalisation.

P: ECON104

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

ECON222-22S2 (C) Semester 2**ECON223 Introduction to Game Theory for Business, Science and Politics**

15 Points 0.1250 EFTS

ECON223 is an introduction to game theory. Game theory itself is the science that studies strategic interaction, the interplay of competition and cooperation between rational, intelligent people. This course is introductory and non-mathematical, emphasizing a small number of key strategic ideas and principles that you will learn through hands-on, interactive playing and analyzing simple stylized examples. The course is multidisciplinary, with examples drawn from social behavior in economics, business, politics, management, history, sociology, psychology, and biology. Completion of first year university in any field is the only prerequisite.

P: Any 60 points

Domestic Fee: \$831 (2021)

International Fee: \$3,875 (2021)

ECON223-21SU2 (C) Summer (Nov 21)**ECON223-22SU2 (C) Summer (Nov 22)****ECON225 Environmental Economics**

15 Points 0.1250 EFTS

Economic theory and tools will be applied to the study of the environment and policy. In particular this course will examine how economists look for least cost ways of achieving environmental objectives even if those objectives are not set according to cost benefit analysis. This course will examine how market, incentive based regulatory mechanisms affect environmental outcomes and how the economy and the environment interact.

P: ECON104

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

ECON225-22S1 (C) Semester 1**ECON228 Study Tour to South America**

15 Points 0.1250 EFTS

Not offered in 2022

This course examines an industry in Canterbury and in South America during a 4-week study tour. Students will be expected to apply economic thinking to address issues in this industry. Students will learn some basic Spanish and interact with South American students and businesses.

P: (1) ECON 104 (2) Subject to the Head of Department approval.

*Limited entry. See limitation of entry regulations.***ECON310 Economic Thinking for Business**

15 Points 0.1250 EFTS

In this course students will learn the main differences between local businesses, exporters/importers and multinational firms. The course starts with an overview of important facts and issues, and of recent trends in local and international businesses. We will discuss some formal definitions of the salient concepts and various factors (incentives) that may lead some local businesses to expand across borders. Students will be able to practice being an economist by working on projects where they apply economic thinking and methods to problems facing local/international businesses and organisations. ECON310 is a compulsory course for the Business Economics major although any student with the pre-requisites can enrol.

P: ECON208

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

ECON310-22S2 (C) Semester 2**ECON314 Economic Analysis of "Big Data"**

15 Points 0.1250 EFTS

With the decrease of the cost of storing data, both the size and the variety of available data has increased dramatically. In this course, we will discuss how such 'big data', and the 'artificial intelligence' that may result from it, is affecting both the economy itself and how the economy can be analysed. We will analyse the impact of big data and artificial intelligence on the economy through various examples of how businesses and governments can benefit from big data and artificial intelligence, but also of how big data and artificial intelligence can be abused by them. We also discuss how big data and artificial intelligence has created new ways to analyse the economy, by providing new ways to collect data (for example, web scraping) and by creating new types of data (for example, Google Trend/Correlate data, Text data and Image data) that can be used to analyse the economy.

P: (1) ECON105; and (2) ECON213 or ECON214

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

ECON314-22S2 (C) Semester 2**ECON321 Microeconomic Analysis**

15 Points 0.1250 EFTS

This course follows on from the Intermediate Microeconomics sequence taught at stage 2. The primary focus is on applying fundamental mathematical tools and techniques for modelling standard microeconomics problems involving consumers, producers and markets. Techniques in both algebra and calculus will be used. The main objective is to show students how a selection of standard microeconomics problems can be modelled in terms of constrained optimisation, solving those problems, and above all, analysing the solutions.

P: (1) ECON207; and (2) MATH102 or MATH199; and (3) 15 points from STAT

RP: ECON 208

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

ECON321-22S1 (C) Semester 1**ECON323 Time Series Methods**

15 Points 0.1250 EFTS

Analysis of sequentially collected data including data modelling and forecasting techniques.

P: (1) ECON 213; and (2) ECON 207 or FINC 205; and (3) MATH 102

R: FINC 323, STAT 317

EQ: FINC 323, STAT 317

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

ECON323-22S2 (C) Semester 2**ECON324 Econometrics**

15 Points 0.1250 EFTS

This course teaches advanced skills in practical econometrics. Coverage will include the following topics: OLS, FGLS, robust standard errors, panel data, Stata programming, Monte Carlo experiments, time series, nonstationarity, and error correction models. While the course will present some theory, the emphasis in this class is on doing. A distinctive feature is that we will illustrate key concepts using computer simulations so that students can "see" the practical consequences of the issues they are studying.

P: (1) ECON213 or STAT202; and (2) MATH102 or MATH199

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

ECON324-22S1 (C) Semester 1

ECON325 Macroeconomic Analysis

15 Points 0.1250 EFTS

Not offered in 2022

ECON325 studies the economy as a whole to understand the two main areas of macroeconomics: long-run growth in the standard of living and the general level of prices, and short-run fluctuations in employment and output. The course gives particular attention to the mathematical techniques that economists use to study these areas and the microeconomic foundations that underpin much of macroeconomic analysis.

P: (1) ECON105; and (2) ECON208; and (3) ECON321

R: ECON201

ECON326 Macro and Monetary Economics

15 Points 0.1250 EFTS

Derivation of the demand for money. Monetary policy under uncertainty. Analysis of alternative monetary rules. Taylor rules. Term structure of interest rates. Financial crises. Economic Growth.

P: (1) ECON206; (2) MATH102 or MATH199.

RP: ECON207

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

ECON326-22S2 (C) Semester 2**ECON327 Economic Analysis of Law**

15 Points 0.1250 EFTS

Not offered in 2022

An introduction to the law of property and contracts as systems for allocating resources.

P: ECON207

ECON329 Industrial Organisation

15 Points 0.1250 EFTS

Imperfectly competitive markets and behaviour of firms. Monopoly models: standard, dominant firm, durable good, natural monopoly, perfectly contestable markets, price discrimination. Oligopoly models: Cournot, Bertrand, product differentiation. Measuring market power, competition policy.

P: ECON 207 or ECON 208

RP: ECON 208

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

ECON329-22S2 (C) Semester 2**ECON330 Strategic Behaviour of Firms**

15 Points 0.1250 EFTS

Not offered in 2022

Business strategies and market power. Price discrimination, tie-in sales, quality, durability, predatory pricing, vertical integration and restraints. Information, advertising and disclosure. Network economics.

P: ECON208

ECON331 Financial Economics

15 Points 0.1250 EFTS

The economics of finance with applications to asset valuation, corporate finance, and portfolio management.

P: (1) ECON207; and (2) FINC201; and (3) MATH102 or MATH199;

R: FINC331

RP: FINC205 or MATH103

EQ: FINC331

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

ECON331-22S2 (C) Semester 2**ECON332 Economics and Psychology**

15 Points 0.1250 EFTS

Not offered in 2022

Economics and Psychology will discuss both how psychological insights and experimental methods may be brought to bear on the understanding of economic phenomena, especially in situations with strategic interaction. A mixture of theoretical developments and experimental results will be dealt with.

P: ECON207

ECON333 Experimental Economics

15 Points 0.1250 EFTS

Not offered in 2022

An introduction to experimental economics research methods for testing economic theory. Includes the design of laboratory experiments and the analysis of data. Applications will be made to areas such as public, environmental and labour economics, industrial organisation, and individual decision making.

P: ECON207

ECON334 Labour Economics

15 Points 0.1250 EFTS

Not offered in 2022

Labour economics studies how workers and employers interact in firms, organizations, and markets. This course will examine theories and empirical evidence of topics such as labour supply and demand, wage determination, collective bargaining, unemployment, labour force participation, immigration, discrimination, human capital, and employment law.

P: ECON 208.

RP: ECON 206

ECON335 Public Economics

15 Points 0.1250 EFTS

Economic theories for the role of government in a market economy and the role of economics in the formulation and evaluation of public policy.

P: ECON 207

RP: ECON 208

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

ECON335-22S1 (C) Semester 1**ECON338 Health Economics Overview**

15 Points 0.1250 EFTS

Not offered in 2022

An application of microeconomic and empirical tools to the study of health and medical care. The topics covered will include market failures arising from asymmetric information, the demand for and production of health, provision of health insurance, and government involvement in the medical care system.

P: ECON 207

RP: ECON 208

ECON339 The Economics of European Integration

15 Points 0.1250 EFTS

Since the Treaty of Rome in 1957, the European Union (EU) has grown from a small customs union with six member states to become the largest integrated market in the world, with 28 members, more than 500 million citizens and a combined gross domestic product larger than that of the United States. This course provides an economic analysis of the processes and policies which have driven Europe's economic and political integration, exploring the implications of a single market in which goods and services, labour and capital can move freely.

P: Any 30 points at 200 level in EURA or ECON, or any 60 points at 200 level from the Schedule V of the BA

R: EURO339, EURA339

EQ: EURA339

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

ECON339-22SU1 (D) Summer (Jan 22)**ECON339-22SU1 (C) Summer (Jan 22)****ECON340 Development Economics**

15 Points 0.1250 EFTS

Economics 340 will examine some of the major economic issues faced by individuals and governments in poorer countries, and introduce students to the field of development economics. The course will study the concepts and measurement of development, poverty and growth, and how economists use theory, empirical analysis and experiments to address issues in these areas. Topics surveyed will include poverty and inequality, population growth, urbanization and migration, agriculture and rural development, investments in education and health and the role of women, governance and institutions, credit and insurance, foreign investment and aid, and international trade policy. In the process, students will be exposed to the ongoing debates in development economics.

P: ECON 207 or ECON 208

RP: ECON 208

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

ECON340-22S2 (C) Semester 2**ECON341 Economics of Education**

15 Points 0.1250 EFTS

Not offered in 2022

This course uses economic tools to help students understand how and why people make decisions to invest in education, the effect of education on long-term social and economic outcomes, the behaviour of institutions that "produce" education (including why governments might have a role in the education sector), how it is financed, the market for teachers, the role of education in economic development and how best to design and implement public policies affecting the level and distribution of education resources.

P: ECON207 or ECON208

Economics

ECON342 Economic History

15 Points 0.1250 EFTS

Not offered in 2022

This course examines how production and trade have been central to the economic and social organisation of humanity. We study the causes and consequences of the Three Great Transformations: language, agriculture, and the commercial and industrial revolutions that began in the 16th century. What can we learn from the economic rise of England? What can our economic history teach us about our economic future?

P: (1) ECON104; and (2) ECON105; and (3) ECON206 or ECON207

ECON343 The Economics of Innovation, Creativity and Intellectual Property

15 Points 0.1250 EFTS

Not offered in 2022

An economic analysis of the incentive effects of intellectual property protection on the processes of innovation and creativity. Both patentable and copyrightable intellectual property are analysed. This course will include detailed coverage of the effects of the recent introduction of digital technologies for copyrightable content.

P: ECON208

RP: MATH102 or MATH199

ECON344 International Finance

15 Points 0.1250 EFTS

This course provides an understanding of the fundamental concepts and issues in international finance. It develops a "tool-kit" of common approaches and applies it to many real-world examples in international finance. We cover topics such as the foreign exchange markets and exchange rate systems, balance of payments, international arbitrage and interest rate parity, exchange rate determination and forecasting, measuring and managing exchange rate risk, international debt and equity financing, currency derivatives, interest rate and currency swaps, and financial crises.

P: ECON206 or FINC201 or FINC203

R: ECON 210 and FINC 315 and FINC 344

RP: 15 points in MATH or Year 13 Math with Calculus

EQ: FINC344

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

ECON344-22S2 (C) Semester 2

ECON345 The Economics of Risk and Insurance

15 Points 0.1250 EFTS

Not offered in 2022

This course analyses the nature and problem of risk and uncertainty and consumers preferences regarding risk and risk taking. It examines the basic principles of risk and insurance, and the description of the characteristics of main types of insurance, (both life and general). The course includes an introduction to the structure and operation of insurance markets, (both local and international) and the function of insurance firms within the financial system. It covers the general principles of insurance underwriting and pricing, claims management and claims reserving process within the regulatory regime of the insurance industry.

P: ECON 207

RP: ECON 208

EQ: FINC 345

ECON390 Internship or Consultancy Project

15 Points 0.1250 EFTS

An internship or consultancy project is an opportunity to experience a professional work environment. Internships or projects taken for credit are usually unpaid. You are expected to develop a good understanding of a sector, market or organisation. The work you submit will show an application of the tools, ideas or concepts of economics. You will be required to reflect critically on the requirements of transitioning from an academic to a work environment and the skills valued in a professional workplace. As these are economics placements, priority is given to economics majors.

P: (1) ECON207 or ECON208; and (2) Subject to the Head of Department approval

R: FINC390, ARTS395, PACE395

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

ECON390-22S1 (C) Semester 1

ECON390-22S2 (C) Semester 2

PACE395 Internship

30 Points 0.2500 EFTS

What can you do with your major? With your degree? The purpose of the internship course is to explore both the ideological and practical assumptions guiding this question. The course is designed to be a critical, theoretical and "real-world" examination of the practices and ideologies inherent in both community and business organisations. You will apply the analytical skills acquired through your major, and through class seminars and readings, to a project designed by a local company or community group. Please check out the website for further information and specific project descriptions: www.arts.canterbury.ac.nz/internships

P: 150 points, special application and interview, and permission of the Internship Director.

R: ARTS395

EQ: ARTS395

Domestic Fee: \$1,570 (2021)

International Fee: \$7,000 (2021)

PACE395-21SU2 (C) Summer (Nov 21)

PACE395-22A (C) Starts Anytime

PACE395-22S1 (C) Semester 1

PACE395-22S2 (C) Semester 2

Limited entry. See limitation of entry regulations. A student will be selected for a specific project. Only students accepted for projects will be allowed into the course. Please go to <http://www.arts.canterbury.ac.nz/internships> for more information.

Postgraduate

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

ECON610 Directed Readings in Economics 1

15 Points 0.1250 EFTS

P: Subject to approval of the Head of Department

Domestic Fee: \$1,009 (2021)

International Fee: \$3,975 (2021)

ECON610-22SU1 (C) Summer (Jan 22)

ECON610-22SU1 (D) Summer (Jan 22)

ECON610-22S1 (C) Semester 1

ECON610-22S2 (C) Semester 2

ECON613 Directed Readings in Economics II

15 Points 0.1250 EFTS

P: Subject to approval of the Head of Department

Domestic Fee: \$1,009 (2021)

International Fee: \$3,975 (2021)

ECON613-22S1 (C) Semester 1

ECON613-22S2 (C) Semester 2

ECON614 Time Series and Stochastic Processes

15 Points 0.1250 EFTS

Analysis of sequentially collected data including data modelling and forecasting techniques.

P: Subject to approval of the Head of Department

R: STAT456

EQ: STAT456

Domestic Fee: \$1,009 (2021)

International Fee: \$3,975 (2021)

ECON614-22S2 (C) Semester 2

ECON615 Econometrics II-600

15 Points 0.1250 EFTS

This course teaches advanced skills in practical econometrics. Coverage will include the following topics: OLS, FGLS, robust standard errors, panel data, Stata programming, Monte Carlo experiments, time series, nonstationarity, and error correction models. While the course will present some theory, the emphasis in this class is on doing. A distinctive feature is that we will illustrate key concepts using computer simulations so that students can "see" the practical consequences of the issues they are studying. Students will develop their own Monte Carlo experiments to investigate econometric questions.

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,009 (2021)

International Fee: \$3,975 (2021)

ECON615-22S1 (C) Semester 1

ECON616 Microeconomic Analysis

15 Points 0.1250 EFTS

Application of fundamental mathematical techniques for modelling standard economic problems.

P: Subject to approval of Head of Department

R: ECON 321

EQ: ECON 321

Domestic Fee: \$1,009 (2021)

International Fee: \$3,975 (2021)

ECON616-22S1 (C) Semester 1

ECON617 Macro and Monetary Economics

15 Points 0.1250 EFTS

Monetary economics, financial crises, economic growth.

P: Subject to approval of Head of Department

R: ECON 326

EQ: ECON 326

Domestic Fee: \$1,009 (2021)

International Fee: \$3,975 (2021)

ECON617-22S2 (C) Semester 2

ECON618 Financial Economics

15 Points 0.1250 EFTS

The economics of finance with applications to asset valuation, corporate finance, and portfolio management. ECON 618 students will be expected to apply advanced theories to these concepts.

P: Subject to approval of Head of Department

R: ECON 331

EQ: ECON 331

Domestic Fee: \$1,009 (2021)

International Fee: \$3,975 (2021)

ECON618-22S2 (C) Semester 2**ECON622 Advanced Financial Economics**

15 Points 0.1250 EFTS

Not offered in 2022

This course examines modern research in financial economics. Topics covered include risk, portfolio theory, asset allocation and multi-period asset pricing.

P: Subject to approval of the Head of Department.

R: FINC622

EQ: FINC622

ECON631 Advanced Econometrics

15 Points 0.1250 EFTS

In econometrics, one often gives a causal interpretation to estimated coefficients. Unfortunately, in most cases such causal interpretation is not warranted. In this course, we will focus on the difference between causality and correlation and study analytical approaches that aim for causal estimates. Techniques covered include randomized controlled trials / experiments, matching estimators, regression discontinuity design, difference-in-difference estimators, instrumental variable estimators, event studies, and synthetic control estimators. The course will cover both theory and applications using R.

P: Subject to approval of the Head of Department.

R: ECON601

Domestic Fee: \$1,009 (2021)

International Fee: \$3,975 (2021)

ECON631-22S2 (C) Semester 2**ECON635 Macroeconomics**

15 Points 0.1250 EFTS

Not offered in 2022

Real macroeconomics. Using dynamic optimisation to think about how much households spend and save, how much firms invest in durable equipment, and the macro effects of government outlays and how they are financed.

P: Subject to approval of the Head of Department.

R: ECON605

ECON641 Monetary Economics: Theory

15 Points 0.1250 EFTS

This course surveys a number of important topics in monetary and financial theory. A few topics such as the implementation of monetary policy in New Zealand and the theory of the banking firm draw heavily on microeconomics. The lectures cover topics ranging from asymmetric information in credit markets to the term structure of interest rates. The topical nature of the course is brought out by a discussion of macroprudential and microprudential regulation, the behavior of banks in a low-interest rate environment, and the changing nature of financing decisions by firms since the Global Financial crisis.

P: Entry to any honours level course is subject to the approval of the Head of Department.

R: FINC641

EQ: FINC641

Domestic Fee: \$1,009 (2021)

International Fee: \$3,975 (2021)

ECON641-22S2 (C) Semester 2**ECON642 Monetary Economics: Policy**

15 Points 0.1250 EFTS

The focus of this course is on the conduct of optimal monetary policy in open and closed economies. Various issues in monetary policy under uncertainty are explored. A great deal of attention is devoted to issues pertaining to rules vs. discretion in policy-making. We address topics as diverse as interest rate pegs, nominal income targeting vs. price level/ inflation targeting, collection of seigniorage, central bank independence, and others.

P: Subject to approval of the Head of Department

Domestic Fee: \$1,009 (2021)

International Fee: \$3,975 (2021)

ECON642-22S1 (C) Semester 1**ECON643 Advanced International Finance**

15 Points 0.1250 EFTS

This course introduces students to selected relevant topics in international finance. It will familiarise students with the analytical techniques needed to understand different theoretical issues and evaluate the empirical performance of the models. The main topics covered in this course are exchange rate movements, current account determination, foreign exchange intervention and volatility, sovereign debt and crisis, financial development, financial

liberalisation and international capital flows, currency crisis, banking system stability and systemic risk, and the role of international institutions like the IMF.

P: Subject to approval of the Head of Department.

R: FINC643

RP: ECON344 or FINC344

EQ: FINC643

Domestic Fee: \$1,009 (2021)

International Fee: \$3,975 (2021)

ECON643-22S1 (C) Semester 1**ECON644 Microeconomics I**

15 Points 0.1250 EFTS

A course in advanced microeconomic theory, covering the topics of consumer theory and decision making, production decisions, market and price theory analysis, and simple general equilibrium models. The emphasis is on using mathematical techniques to analyse microeconomic problems.

P: Subject to approval of the Head of Department

Domestic Fee: \$1,009 (2021)

International Fee: \$3,975 (2021)

ECON644-22S2 (C) Semester 2**ECON645 Contract Theory**

15 Points 0.1250 EFTS

Not offered in 2022

The design of contracts from an economic perspective and how their design is affected by various factors. Such factors include hidden actions within a transaction; the characteristics of participants and the ability to signal and hide such characteristics; the impact of time and repeated contracts; and when some aspects of a transaction cannot be described, monitored, verified, or enforced.

P: Subject to approval of the Head of Department

ECON653 Topics in Economic Policy

15 Points 0.1250 EFTS

Not offered in 2022

The application of economic tools and methodology to the study of economic policy issues. Coverage can include but is not limited to: why we have government, the objectives of economic policy, how society makes economic policy choices, the roles of political institutions in economic policy decision making, regulation, the size and scope of government, and how to evaluate the economic impact of economic policies. Examples of contemporary economic policy issues will be used to illustrate economic concepts where relevant.

P: Subject to approval of the Head of Department

ECON654 Industrial Organisation

15 Points 0.1250 EFTS

Not offered in 2022

The application of microeconomic theory to the study of imperfectly competitive markets and the behaviour of firms within these markets. Topics covered include: market power and its limits; monopoly decisions: bundling, advertising, price discrimination and vertical restraints; strategic interaction: price and quantity competition, product differentiation, entry, accommodation and entry deterrence.

P: Subject to approval of the Head of Department

ECON655 Environmental Economics

15 Points 0.1250 EFTS

Not offered in 2022

This course will apply microeconomic theory and welfare economics to the management and stewardship of the environment. We will begin by reviewing the ethical framework of welfare economics and its relation to concepts of sustainability. We will use welfare economics to frame the problems posed by public and common property goods, and by externalities more generally. We will see how welfare economics is applied to the problems posed by such goods using cost-benefit analysis. This framework will enable us to address diverse environmental problems. For example, how can we place a comparable value on environmental benefits? How much pollution of the air and water should we tolerate, and how can we reduce pollution to such levels in the least costly way? Can there be effective pollution control when individual contributions cannot be observed? What is economics contributing to the study of global warming, or the effects of trade liberalisation on the environment?

P: Subject to approval of the Head of Department

ECON657 International Trade

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Head of Department

Economics

ECON658 Health Economics

15 Points 0.1250 EFTS

Not offered in 2022

The application of microeconomic and empirical tools to the study of health and medical care. Topics covered include: the differences between health care markets and other markets; the asymmetric relationships between patients, insurance companies, and physicians; the production of health; the effects of various policies and treatment regimens; health-related behaviour, including addiction; and the supply side of the health care market.

ECON659 Development Economics

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Head of Department

ECON665 Welfare Economics

15 Points 0.1250 EFTS

Not offered in 2022

Welfare economics deals with the interaction between "positive economics" (i.e. statements of what will happen under different policies) and "normative economics" (statements about what policies should be followed). Welfare economics considers how value judgements involving interpersonal comparisons can be incorporated into the basic framework of positive economics in order to reach normative conclusions.

P: Subject to approval of the Head of Department

ECON667 Behavioural Economics

15 Points 0.1250 EFTS

Not offered in 2022

Behavioural economics studies how psychological insights and experimental methods may be brought to bear on the understanding of economic phenomena, especially in situations with strategic interaction. Material covered includes influential theoretical developments and experimental results in the field of behavioural economics.

P: Subject to approval of the Head of Department.

ECON668 Experimental Economics

15 Points 0.1250 EFTS

This course will provide students with an in-depth treatment of this increasingly popular method for testing and stimulating economic theory. The course aims to equip students in three main areas: to become familiar with experimental methods; learn some major areas of applications; and critically evaluate the potential and limitations of laboratory experimental research.

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,009 (2021)

International Fee: \$3,975 (2021)

ECON668-22S2 (C) Semester 2

ECON670 Special Topic

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to Approval by the Head of Department.

ECON679 Internship or Consultancy Project

15 Points 0.1250 EFTS

An internship or consultancy project is an opportunity to experience a professional work environment. You are expected to develop a good understanding of a sector, market or organisation. The work you submit will show an application of the tools, ideas or concepts of economics. You will be required to reflect critically on the requirements of transitioning from an academic to a work environment and the skills valued in a professional workplace. You will also need to provide a critical analysis of the work undertaken.

P: Subject to Head of Department approval

R: FINC679

Domestic Fee: \$929 (2021)

International Fee: \$4,138 (2021)

ECON679-21SU2 (C) Summer (Nov 21)

ECON679-22S1 (C) Semester 1

ECON679-22S2 (C) Semester 2

ECON680 Research Exercise

30 Points 0.2500 EFTS

P: Subject to approval of the Head of Department

Domestic Fee: \$2,018 (2021)

International Fee: \$7,950 (2021)

ECON680-22W (C) Whole Year (S1 and S2)

ECON690 MA Thesis

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$7,558 (2021)

International Fee: \$31,800 (2021)

ECON690-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval.

ECON691 MCom Dissertation

60 Points 0.5000 EFTS

P: Subject to approval of the Head of Department. Admission may be subject to meeting a sufficient standard in previous coursework.

R: ECON680

Domestic Fee: \$3,779 (2021)

International Fee: \$15,900 (2021)

ECON691-22A (C) Starts Anytime

ECON692 MA Dissertation

60 Points 0.5000 EFTS

MA Dissertation

P: Subject to approval of the Head of Department.

Domestic Fee: \$3,779 (2021)

International Fee: \$15,900 (2021)

ECON692-22A (C) Starts Anytime

ECON692-22S1 (C) Semester 1

ECON692-22S2 (C) Semester 2

ECON694 MCom Thesis

90 Points 0.7500 EFTS

MCom Thesis

P: Subject to approval of the Head of Department.

Domestic Fee: \$5,669 (2021)

International Fee: \$23,850 (2021)

ECON694-22A (C) Starts Anytime

ECON695 MCom Thesis

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$7,558 (2021)

International Fee: \$31,800 (2021)

ECON695-22A (C) Starts Anytime

ECON699 MSc Thesis

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$7,558 (2021)

International Fee: \$31,800 (2021)

ECON699-22A (C) Starts Anytime

ECON790 Economics PhD

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$7,558 (2021)

International Fee: \$31,800 (2021)

ECON790-22A (C) Starts Anytime

*Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Education

Te Kura Ārahi Ako | School of Educational Studies and Leadership

Note: Timetable information for courses offered by the College of Education will be available at www.canterbury.ac.nz/courses from 6 October 2019. Information for initial teacher education and sport coaching programmes will be available at www.education.canterbury.ac.nz/coursegroups/.

CHCH101 Strengthening Communities through Social Innovation

15 Points 0.1250 EFTS

CHCH101 offers anyone interested in active citizenship, community engagement, and social innovation with the opportunity to combine academic content with volunteering and critical reflection. Through this innovative design and delivery, this course serves as a cornerstone experience for further study in these topics across a wide range of disciplines.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

CHCH101-22S1 (C) Semester 1

CHCH101-22S1 (D) Semester 1

EDME601 Understanding and Using Research in Education

30 Points 0.2500 EFTS

This course is an introduction to frameworks for thinking about, reading about, and carrying out research. Students will develop skills in the critical analysis of a wide range of research literature through developing knowledge of ethics, different methodologies, and different types of data. Students are introduced to research practice from both 'Western' and Indigenous knowledge standpoints. The aims of the course are to bring the student to the point where they have the knowledge to interpret most quantitative and qualitative research papers in their field, as well as the background to undertake supervised research.

P: Subject to approval of the Head of School

R: EDEM693, EDEM694, EDEM697, EDEM698, EHRE601

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

EDME601-22S1 (C) Semester 1

EDME601-22S1 (D) Semester 1

EDME601-22S2 (C) Semester 2

EDME601-22S2 (D) Semester 2

EDME602 Directed Study in Education

30 Points 0.2500 EFTS

Participants in the course are supported as a cohort to conduct and report on a small-scale research study to demonstrate advanced knowledge in their discipline/endorsement area and the ability to undertake research. Examples of small-scale research can include, but aren't limited to: a literature review, document analysis, policy analysis, and secondary data analysis.

P: EDME601 or 30 points of approved research methods

R: EDEM680

Domestic Fee: \$1,805 (2021)

International Fee: \$8,250 (2021)

EDME602-22S2 (C) Semester 2

EDME602-22S2 (D) Semester 2

EDMI311 Whakapiki i te Reo

15 Points 0.1250 EFTS

Whakapiki Te Reo aims to increase the fluency of the kaiako Te Reo and provide a wider range of conversational ability. Kaiako will be able to demonstrate an understanding of te reo Māori me nga tikanga-a-iwi applicable to a variety of learning contexts, and informal contacts with whānau and community. Assignments will focus on three key skills; speaking, writing and reading.

P: Subject to approval of the Head of School.

R: Te Reo Māori assessment

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

EDMI311-22T1 (C) 07 Feb 2022 - 01 May 2022

Limited entry. See limitation of entry regulations.

EDMI312 Mātauraka Māori

15 Points 0.1250 EFTS

This course is taught bilingually: in te reo Māori and English. It will critically examine Mātauraka Māori: Māori ways of knowing and engaging with the environment in traditional and contemporary contexts as a means of developing a Kaupapa Māori based curriculum. Māori knowledge systems are valued and central to curriculum development. Students will also compare and contrast other indigenous epistemologies as frameworks for curriculum development in educational settings. The emphasis will be on Ngāi Tahu contexts and content.

P: Subject to approval of the Head of School

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

EDMI312-22T2 (C) 02 May 2022 - 03 July 2022

Limited entry. See limitation of entry regulations.

EDMI313 Te Marau ā-iwi

15 Points 0.1250 EFTS

Te Marau ā-iwi is delivered in a bilingual setting under the mana of Ngāi Tahu. It will focus on developing the curriculum knowledge of kaupapa Māori education documents such as Te Marautanga, Te Aho Matua, Te Whariki and others. This course seeks to develop a deeper understanding of kaupapa Māori theories, pedagogies through the use of kaupapa Māori educational frameworks.

P: Subject to approval of the Head of School

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

EDMI313-22T3 (C) 11 July 2022 - 25 Sep 2022

Limited entry. See limitation of entry regulations.

EDMI314 Te Pātaka Reo o Tahu

30 Points 0.2500 EFTS

Not offered in 2022

Te Pātaka Reo o Tahu aims to develop a working knowledge of Mātauraka Kai Tahu (purakau, mahika kai, noho marae, waiata, place-based pedagogy) and a higher level of proficiency in te reo Māori. (MM website, 2019). This knowledge and development of pedagogical understandings will strengthen the ability of kaiako enrolled in the programme to work successfully in Māori Medium settings or in English Medium settings with a greater knowledge of te ao Māori, Ngāi Tahu, and level of proficiency in te reo Māori.

P: Subject to approval of the Head of School

Limited entry. See limitation of entry regulations.

EDMI315 Kaupapa Māori Pedagogies

15 Points 0.1250 EFTS

Kaupapa Māori pedagogies will explore indigenous ways of being, doing, thinking and transferring knowledge. This course will aid in understanding traditional Māori pedagogies, purakau and histories in order to appropriately embed aspects of these traditional methods in our contemporary teaching and learning programmes.

P: Subject to approval of the Head of School

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

EDMI315-22X (C) 31 Jan 2022 - 17 Apr 2022

Limited entry. See limitation of entry regulations.

EDMI316 Whakapiki i te reo 2

15 Points 0.1250 EFTS

Whakapiki i te reo 2 aims to increase the level of proficiency of kaiako in te reo Māori and will provide a wide range of conversational, contextual and academic language opportunities. Kaiako will be able to demonstrate an advanced understanding of te reo Māori me nga tikanga-a-iwi applicable to a variety of learning contexts, and informal contacts with whānau and community. The aim of the course is to increase the depth of knowledge and skill in spoken Māori language and also communicative teaching of Māori language. Students will have a greater understanding of Mātauranga Māori and tikanga Māori through the teaching and learning of te reo Māori. Knowledge of dialect and matauranga of the mana whenua will be threaded into this course. This course continues the study of the structure of the language and extends speaking skills and confidence. This will be taught predominantly in te reo Māori.

P: Subject to approval of the Head of School

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

EDMI316-22X (C) 02 May 2022 - 10 July 2022

Limited entry. See limitation of entry regulations.

EDMI324 Special Topic: Te reo o te whenua tahi

15 Points 0.1250 EFTS

Te reo o te whenua tahi aims to develop a working knowledge of Mātauraka Kai Tahu and a higher level of proficiency in te reo Māori.

P: Subject to approval of the Head of School.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

EDMI324-22T4 (C) 17 Oct 2022 - 11 Dec 2022

Limited entry. See limitation of entry regulations.

EDMM632 Issues in Language Acquisition and Learning

30 Points 0.2500 EFTS

In this course, students will gain a thorough overview of current research in the field of language acquisition and learning, and develop an ability to analyse and critically evaluate findings and discussions in the literature on language acquisition pedagogy that inform the design and implementation of curricula for migrant students' learning contexts. Students will compare and contrast a range of approaches to teaching additional languages. Students will also investigate, and critically analyse problematic aspects of language acquisition and learning research, and consider their relevance to practices and problems in a particular educational setting.

P: Subject to approval by the Head of School

R: EDEM632

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

EDMM632-22S2 (C) Semester 2

EDMM632-22S2 (D) Semester 2

Education

EDMM633 Issues in Technology-Enhanced Language Learning

30 Points 0.2500 EFTS

Not offered in 2022

The course will deal with current issues in technology-enhanced language learning research, including but not limited to gaming in language learning, teacher education for technology-enhanced language learning, corpora in language learning, technology enhanced language assessment and the flipped language classroom, digital materials and tools for language learning. Participants will research and critically analyse problematic aspects of technology-enhanced language learning research and discuss their application to classroom practices and problems in a particular educational setting.

P: EDEM633 or equivalent knowledge

EDMT606 Developing a Teacher-Researcher Stance

15 Points 0.1250 EFTS

This synthesising course provides the opportunity for each student to consolidate and evaluate their professional knowledge and skills and situate their pedagogical practice in relation to professional standards and contemporary educational research. Students critically appraise the content and process of their professional learning journey through the programme, including the evidence of adaptive expertise, cultural responsiveness, and action competence as a teacher.

P: 1) EDMT605 and 2) EDMT612 or EDMT622 or EDMT632

Domestic Fee: \$969 (2021)

International Fee: \$4,125 (2021)

EDMT606-22X (C) 07 Nov 2022 - 04 Dec 2022

EDST601 Core Theory and Foundations of Specialist Teaching

30 Points 0.2500 EFTS

Not offered in 2022

Advanced study of generic core theory and foundations of specialist teaching common to professionals working in the areas of: Early Intervention; Deaf and Hearing Impairment; Blind and Vision Impairment; Learning and Behaviour; Autism Spectrum Disorder; Complex Educational Needs, and Gifted and Talented.

P: A teaching qualification or entry at the discretion of the Dean of Education.

RP: Experience working with children with special educational needs.

EDST621 Theory and Foundations of Deaf and Hard of Hearing

30 Points 0.2500 EFTS

Not offered in 2022

An advanced study of theoretical and research-based foundations of specialist teaching relating to understanding, recognising, assessing and providing for learners who have needs in the area of Deaf and Hard of Hearing.

P: EDST601.

RP: Experience working with children who are Deaf or Hard of Hearing.

EDST622 Evidence-based Interprofessional Practice in Deaf and Hard of Hearing

30 Points 0.2500 EFTS

An examination of evidence-based professional practices in the area of Deaf and Hard of Hearing, including common professional practices of specialist teachers and other educational and health professionals involved in special and inclusive education.

P: EDST601 and EDST621

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

EDST622-22X (D) 07 Feb 2022 - 06 Nov 2022

EDST623 Practicum in Deaf and Hard of Hearing

30 Points 0.2500 EFTS

A supervised practicum in the area of Deaf and Hard of Hearing.

P: EDST601 and EDST621

C: EDST622

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

EDST623-22X (D) 07 Feb 2022 - 06 Nov 2022

EDST631 Theory and Foundations of Early Intervention

30 Points 0.2500 EFTS

Not offered in 2022

An advanced study of theoretical and research-based foundations of specialist teaching relating to understanding, recognising, assessing and providing for learners who have needs in the area of Early Intervention.

P: EDST601.

RP: Two or more years experience in early childhood sector.

EDST632 Evidence-based Interprofessional Practice in Early Intervention

30 Points 0.2500 EFTS

An examination of evidence-based professional practices in the area of Early Intervention, including common professional practices of specialist teachers and other educational and health professionals involved in special and inclusive education.

P: EDST601 and EDST631

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

EDST632-22X (D) 07 Feb 2022 - 06 Nov 2022

EDST633 Practicum in Early Intervention

30 Points 0.2500 EFTS

A supervised practicum in the area of Early Intervention.

P: EDST601 and EDST631

C: EDST632

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

EDST633-22X (D) 07 Feb 2022 - 06 Nov 2022

EDST641 Theory and Foundations of Learning and Behaviour Diversity

30 Points 0.2500 EFTS

Not offered in 2022

An advanced study of theoretical and research-based foundations of specialist teaching relating to understanding, recognising, assessing, and providing for learners who have needs in the area of Learning and Behaviour

P: EDST601

EDST642 Evidence-based Interprofessional Practice in Learning and Behaviour Diversity

30 Points 0.2500 EFTS

An examination of evidence-based professional practices in the area of Learning and Behaviour, including common professional practices of specialist teachers and other educational and health professionals involved in special and inclusive education.

P: EDST601 and EDST641

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

EDST642-22X (D) 07 Feb 2022 - 06 Nov 2022

EDST643 Practicum in Learning and Behaviour Diversity

30 Points 0.2500 EFTS

A supervised practicum in the area of Learning and Behaviour.

P: EDST601 and EDST641

C: EDST642

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

EDST643-22X (D) 07 Feb 2022 - 06 Nov 2022

EDST651 Theory and Foundations in Complex Educational Needs

30 Points 0.2500 EFTS

Not offered in 2022

An advanced study of theoretical and research-based foundations of specialist teaching relating to understanding, recognising, assessing and providing for learners who have complex educational needs.

P: EDST601.

RP: Experience working with students who have complex educational needs.

EDST652 Evidence-based Interprofessional Practice in Complex Educational Needs

30 Points 0.2500 EFTS

An examination of evidence-based practices for specialist teachers of learners who have complex educational needs, including common professional practices of specialist teachers and other educational and health professionals involved in special and inclusive education.

P: EDST601 and EDST651

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

EDST652-22X (D) 07 Feb 2022 - 06 Nov 2022

EDST653 Practicum in Complex Educational Needs

30 Points 0.2500 EFTS

A practicum to support the inclusion of learners with complex educational needs.

P: EDST601 and EDST651

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

EDST653-22X (D) 07 Feb 2022 - 06 Nov 2022

EDUC101 Spark! How & What People Learn

15 Points 0.1250 EFTS

"Wait, what?" In this course, we address this and other questions about life to understand how people learn as well as the social, political, and global contexts in which learning takes place. Through these questions, we view learning from diverse perspectives to understand learning in Aotearoa New Zealand and elsewhere around the world. Course assessments are designed in a way that link theories of learning to any academic discipline or subject area while also giving you the opportunity to apply your knowledge in a unique way which can improve your studies at UC as well as the local Christchurch community.

Domestic Fee: \$785 (2021)

International Fee: \$3,500 (2021)

EDUC101-21SU2 (D) Summer (Nov 21)**EDUC101-22S2 (C) Semester 2****EDUC101-22S2 (D) Semester 2****EDUC102 Child and Adolescent Development**

15 Points 0.1250 EFTS

This course establishes a foundation in theory, concepts, processes and factual knowledge of infant, child, and adolescent development within the context of family, school, and community. Students will acquire an understanding of the developmental processes that take place within and across physical, cognitive, emotional, and social domains, and their associations with developmental outcomes.

R: TEDU110, EDUC121, TEDU150, TEDU102

EQ: TEDU110

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

EDUC102-22S1 (C) Semester 1**EDUC102-22S1 (D) Semester 1****EDUC103 Education, Culture and Society**

15 Points 0.1250 EFTS

This course provides an introduction to foundational theories, concepts and processes in the study of education. The course explores theories about power, justice and fairness in society, with a particular focus on how they relate to education. It also examines what part factors such as class, genders and sexualities, disability, and race may play in maintaining unequal forms of education. An important feature of the course will be analysing the role played by education in the development of colonial relations between Māori and Pakeha, and how that continues to shape contemporary New Zealand society.

R: EDUC120 and TEDU111

EQ: TEDU111

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

EDUC103-22S2 (C) Semester 2**EDUC103-22S2 (D) Semester 2****EDUC201 Current Issues in Learning**

15 Points 0.1250 EFTS

Not offered in 2022

What are some of the major contemporary issues in learning? Are new technologies such as the internet and computer games changing the way people learn? Why is educational neuroscience a new hot topic and what can recent research on the brain tell us about learning? When examining the essential elements of effective learning programmes why do some things work and others not work? This course will show you how to apply the basic concepts and principles of learning to analyse and make sense of these and other contemporary issues.

P: 30 points in EDUC or permission of the Head of School

EDUC202 One in Four: Different Developmental Pathways

15 Points 0.1250 EFTS

One in four children or adolescents will experience a disorder, disability, or trauma affecting their development and educational opportunities. In this course, students will consider the developmental and educational issues relating to children with different developmental pathways, including pathways affected by mental and physical health, trauma, and disability.

P: 30 points in EDUC, HLTH, PSYC, or YACL, or permission of the Head of School

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

EDUC202-22S1 (C) Semester 1**EDUC202-22S1 (D) Semester 1****EDUC204 Child and Adolescent Wellbeing and Health**

15 Points 0.1250 EFTS

This course will explore ways in which well-being, resilience, and positive developmental trajectories may be supported and promoted from infancy through adolescence. Current research and theoretical models will be used to explore a number of critical issues related to health and well-being in a New Zealand context from developmental, educational, positive psychology and social emotional wellbeing perspectives.

P: 30 points in EDUC, HLTH, PSYC, or YACL, or permission of the Head of School

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

EDUC204-22S2 (D) Semester 2**EDUC204-22S2 (C) Semester 2****EDUC205 Critical Issues in Adult Learning**

15 Points 0.1250 EFTS

Not offered in 2022

Does adults' learning differ from the learning of children and adolescents? If so how? How are theories of learning used in the practice of adult education? What should adult learning be about: learning for living, learning for liberation or learning for earning? And what motivates and hinders adults' involvement in education after leaving school? This course explores these critical questions relating to the role of adult education and lifelong learning. It will extend students' knowledge and understanding of learning through an examination of some of the theories and tensions which underpin adult education in contemporary society - both nationally and internationally.

P: 30 points in EDUC or permission of the Head of School

EDUC206 Education and Society: Ideals and Realities

15 Points 0.1250 EFTS

This course considers the connections and tensions between ideals and realities in education and society. Drawing on work in the sociology of education, the philosophy of education, and educational policy studies, as well as on educational practices, the course addresses questions such as these: How should society be structured? What do we hope to achieve through education? Why do some students 'fail' and others 'succeed'? What role can education play in social change? This course encourages participants to deepen their understanding of education, social life, and human fulfillment.

P: 30 points in EDUC or YACL, or 45 points of ANTH, CULT, HIST, POLS, SOCI, SPCO, or permission of the Head of School

R: EDUC220

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

EDUC206-22S1 (D) Semester 1**EDUC206-22S1 (C) Semester 1****EDUC301 Researching Learning**

30 Points 0.2500 EFTS

Not offered in 2022

The course provides a strong foundation for self-directed learning, post-graduate study and research. How do learning researchers study learning? What are the problems which have to be solved in order to discover why learning sometimes occurs and sometimes doesn't? What are some of the implications of recent research on learning for the design of effective teaching and self-directed learning procedures? Students will have the opportunity to plan and conduct a small study of learning and will learn how to find and interpret relevant research reports. The course uses blended delivery.

P: Any 15 points from EDUC201, EDUC202, EDUC204 or any 30 points of EDUC at 200 level, or by permission of the Head of School

EDUC302 Risks and Opportunities in Adolescence: Research and Applications

30 Points 0.2500 EFTS

This course is designed to provide students with an introduction to theory and research in adolescent development, with a special focus on risks and opportunities that are present in this stage of the life course. Students will be introduced to the core themes and a range of theory and research that is common to a developmental approach to adolescence, with an emphasis on the implications for education and positive development.

P: EDUC202 or EDUC204, or 30 points at 200-level of EDUC, HLED, HLTH, HSRV, PSYC, or YACL, or by permission of the Head of School

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

EDUC302-22S2 (D) Semester 2**EDUC302-22S2 (C) Semester 2****EDUC315 Educating for Diversity**

30 Points 0.2500 EFTS

This course introduces students to methods of critical enquiry into practices that engage with diversities across a range of formal and informal educational sites.

P: EDUC206 or 30 points at 200-level of EDUC, ANTH, CULT, SOCI, POLS, HIST, or YACL, or by permission of the Head of School.

R: EDUC215 completed before 2000

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

EDUC315-22S2 (C) Semester 2**EDUC315-22S2 (D) Semester 2**

Education

EDUC339 Globalisation, Social Justice and Education

30 Points 0.2500 EFTS

Recent changes in technology, political arrangements, and social and economic systems have been so rapid and far-reaching that they are said to have ushered in a new era of globalisation. Sometimes presented as inevitable, globalisation has become the focus of considerable contest of ideas, policies and practices. This course examines the origins and nature of globalisation, and analyses its implications for education.

P: EDUC206 or 30 points at 200-level of EDUC, ANTH, CULT, SOCI, POLS, HIST, or YACL, or by permission of the Head of School.

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

EDUC339-22S1 (C) Semester 1

EDUC339-22S1 (D) Semester 1

EDUC412 Disorders of Childhood and Adolescence

30 Points 0.2500 EFTS

Not offered in 2022

This course looks at the nature, prevalence, causes, education and treatment of disorders and disabilities affecting children and adolescents.

P: Subject to approval of the Head of School.

R: CFPY601, EDEM661

EDUC414 Educational Philosophy and Policy

30 Points 0.2500 EFTS

This course will be of interest to anyone who has pondered the nature and purpose of education and considered its significance in building better worlds. With a central theme of 'utopia and education', the course encourages students to address questions such as these: What is education for and why does it really matter? How can education contribute to a more meaningful and worthwhile life? What should we seek to know and why? What social ideals should we seek to uphold, and what are some of the impediments to the pursuit of these ideals? The course will draw on literary works and the visual arts as well as more traditional educational and philosophical sources. Students will have the opportunity to apply insights from the course to policy contexts, and to explore the implications of educational theory for professional practice and everyday life.

P: Subject to the approval of the Head of School

R: EDEM650

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

EDUC414-22S2 (C) Semester 2

EDUC416 Child and Adolescent Development: Research, Contexts, and Applications

30 Points 0.2500 EFTS

Not offered in 2022

This course aims to provide an advanced understanding of child and adolescent development by focusing on issues and concerns that may affect children and families across multiple developmental contexts. Students will examine key developmental theories as applied to a range of topics and gain valuable research and critical thinking skills through case studies, literature reviews, and group presentations.

P: Subject to approval of the Head of School.

R: EDEM662, CFPY602, PSYC413

EDUC418 Independent Study

30 Points 0.2500 EFTS

An independent course of postgraduate study on approved topics. An individual study plan is developed. Please discuss with individual lecturers or the HOS.

P: Subject to approval of the Head of School.

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

EDUC418-22A (C) Starts Anytime

EDUC421 Introduction to Interventions

30 Points 0.2500 EFTS

Not offered in 2022

This course provides an overview of interventions for children and adolescents with commonly occurring childhood disorders, and behaviour / learning difficulties (anxiety, phobia, depression, antisocial behaviour, ADHD, dyslexia, dyscalculia, dyspraxia). We will cover how to recognise these disorders, what is known about their causes, and how to plan and evaluate interventions. We will examine what the current academic literature tells us about effective evidence-based interventions, and challenges and issues in intervention work. The course introduces students to multiple perspectives on disorders and interventions, including cognitive behavioural therapy (CBT) and applied behaviour analysis (ABA). Introduction to interventions is one of the compulsory first year courses in the Child and Family Psychology programme, and is also suitable for students who are pursuing postgraduate qualifications in special education.

P: Subject to approval of the Head of School.

R: EDEM663, CFPY603

EDUC480 Research Project

30 Points 0.2500 EFTS

A individual research project approved by the Head of School. Talk with a lecturer or the HOS to develop an individual plan.

P: Subject to approval of the Head of School.

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

EDUC480-22W (C) Whole Year (\$1 and S2)

EDUC686 Research Project

30 Points 0.2500 EFTS

Not offered in 2022

A written report on a research project approved by the Head of Department. The report must be completed and presented by 15 February in the calendar year following the year of enrolment in the project.

P: Subject to approval of the Head of School.

EDUC690 MA Thesis

120 Points 1.0000 EFTS

P: Subject to approval of the Head of School.

Domestic Fee: \$7,220 (2021)

International Fee: \$33,000 (2021)

EDUC690-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval.

EDUC790 Education PhD

120 Points 1.0000 EFTS

P: Subject to approval of the Head of School.

Domestic Fee: \$7,220 (2021)

International Fee: \$33,000 (2021)

EDUC790-22A (C) Starts Anytime

*Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

EDUC795 Doctor of Education (EdD)

120 Points 1.0000 EFTS

Education EdD

P: Subject to approval of the Head of School

Domestic Fee: \$7,220 (2021)

International Fee: \$33,000 (2021)

EDUC795-22A (C) Starts Anytime

*Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

PACE395 Internship

30 Points 0.2500 EFTS

What can you do with your major? With your degree? The purpose of the internship course is to explore both the ideological and practical assumptions guiding this question. The course is designed to be a critical, theoretical and "real-world" examination of the practices and ideologies inherent in both community and business organisations. You will apply the analytical skills acquired through your major, and through class seminars and readings, to a project designed by a local company or community group. Please check out the website for further information and specific project descriptions: www.arts.canterbury.ac.nz/internships

P: 150 points, special application and interview, and permission of the Internship Director.

R: ARTS395

EQ: ARTS395

Domestic Fee: \$1,570 (2021)

International Fee: \$7,000 (2021)

PACE395-21SU2 (C) Summer (Nov 21)

PACE395-22A (C) Starts Anytime

PACE395-22S1 (C) Semester 1

PACE395-22S2 (C) Semester 2

Limited entry. See limitation of entry regulations. A student will be selected for a specific project. Only students accepted for projects will be allowed into the course. Please go to <http://www.arts.canterbury.ac.nz/internships> for more information.

Electrical and Electronic Engineering

Te Tari Pūhanga Hangarau | Department of Electrical and Computer Engineering

ENEL198 Electrical Workshop Course

0 Points 0.0000 EFTS

Compulsory workshop course for Electrical and Electronic Engineering, Computer Engineering and Mechatronic Engineering students.

P: Approval into the BE(Hons)

C: ENEL270

Domestic Fee: \$0 (2021)

International Fee: \$0 (2021)

ENEL198-22A (C) Starts Anytime

ENEL199 Basic Workshop Course

0 Points 0.0000 EFTS

Compulsory workshop course for Electrical and Electronic Engineering students and Computer Engineering students

P: Approval into the BE(Hons)

C: ENEL200

Domestic Fee: \$0 (2021)

International Fee: \$0 (2021)

ENEL199-22A (C) Starts Anytime

ENEL200 Electrical and Computer Engineering Design

15 Points 0.1250 EFTS

Introduction to Electrical and Computer Engineering design principles. Electronic circuit simulation leading to a design-and-build project including circuit design and simulation, printed circuit board design, and construction of a working device with documentation. Documentation preparation.

P: Subject to the approval of the College of Engineering Dean (Academic)

R: ENEL211

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENEL200-22W (C) Whole Year (S1 and S2)

ENEL220 Circuits and Signals

15 Points 0.1250 EFTS

Circuit laws and theorems. Transients and steady state behaviours of resistive, capacitive and inductive circuits. Laplace transforms. Fourier transforms and series. Linear system behaviour.

P: Subject to the approval of the Dean of Engineering and Forestry

R: ENEL202

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENEL220-22W (C) Whole Year (S1 and S2)

ENEL270 Principles of Electronics and Devices

15 Points 0.1250 EFTS

Linear amplifiers. Operational amplifiers. Operational amplifier circuits. Nonlinear devices: diodes & transistors. Switching circuits. Power supplies, AC to DC conversion.

P: PHYS102, MATH103 or EMTH119; or Approval of the Dean of Engineering and Forestry

R: ENEL203

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENEL270-22S1 (C) Semester 1

ENEL280 Principles of Electrical Systems

15 Points 0.1250 EFTS

Magnetic circuits and materials. Phasor analysis of single and three phase power. Transformers. Principles of electrical generation and distribution systems, synchronous and induction machines. DC machines. Motor control.

P: Subject to the approval of the Dean of Engineering and Forestry

R: ENEL204

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENEL280-22S1 (C) Semester 1

ENEL290 Waves and Materials in Electrical Engineering

15 Points 0.1250 EFTS

Waves in electrical engineering. Static electric and magnetic fields. Transmission lines: equivalent circuit, wave propagation, reflections and matching. Plane waves: time varying fields and Maxwell's Equations. Electrical engineering materials: conductors, insulators and semiconductors.

P: PHYS102, MATH103 or EMTH119; or Approval of the Dean of Engineering and Forestry.

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENEL290-22S2 (C) Semester 2

ENEL300 Electrical and Computer Engineering Design 2

15 Points 0.1250 EFTS

Electrical and Computer Engineering design principles. Electronic system design-and-build. Circuit design and simulation. Printed circuit board design. Embedded system programming/development, construction, and documentation. Novel product design, applying project management and market consideration elements. Individual on-paper design related to student's specialisation. Industry-based design systems. Documentation preparation.

P: ENEL200, ENCE260, ENEL270. Subject to approval of the Head of Department

R: ENEL350

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENEL300-22S2 (C) Semester 2

ENEL301 Fundamentals of Engineering Economics and Management

15 Points 0.1250 EFTS

Engineering projects and ventures require management. This course identifies the different management activities involved and develops the skills necessary for managing technology projects and professional practice. It covers the competencies required for graduate engineers as defined by the Washington Accord.

P: 15 points of any second year Professional Engineering course and enrolled in the BE(Hons) degree.

R: ENEL350, PROD101

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENEL301-22S2 (C) Semester 2

ENEL320 Signals and Communications

15 Points 0.1250 EFTS

Communication engineering and signal processing. Convolution, correlation, Fourier series and transform, amplitude modulation, angle modulation, analogue filters, random processes, noise in modulated systems, discrete signal processing, digital transmission (PCM, TDM and FDM), DTF/F and FIR/IIR filter design.

P: ENEL220, EMTH210, ENEL321

R: ENEL332, ENEL351

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENEL320-22S2 (C) Semester 2

ENEL321 Control Systems

15 Points 0.1250 EFTS

System modelling. Continuous-time dynamics. Time domain and frequency domain analysis. Feedback control. Control system performance and robustness. Control system design techniques.

P: ENEL220, EMTH210

R: ENEL351, ENME303

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENEL321-22S1 (C) Semester 1

ENEL372 Power and Analogue Electronics

15 Points 0.1250 EFTS

Analogue electronics is necessary for signal sensing, amplification and filtering before digital techniques can be applied. Power electronics is necessary where efficient manipulation of electrical energy is required, for power supply, motion control and other applications. This course covers the basic principles of both analogue and digital electronic circuits, and the constraints that real components and devices place on these circuits. Emphasis is placed on circuit analysis and design skills.

P: ENEL 270

R: ENEL370 and ENEL371

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENEL372-22S2 (C) Semester 2

ENEL373 Digital Electronics and Devices

15 Points 0.1250 EFTS

This is an in-depth course that takes logic theory and applies it to the analysis, synthesis and simulation of digital logic circuits; and the application and theory of implementing electronics devices. The course also covers the implementation of circuit designs using a hardware description language with specific application to the design of ALUs and simple microprocessors. We also cover the digital assumption made of switching analogue circuits, look at the physical implementation of transistors, circuits based on them and interconnecting components. Assumed knowledge in basic computer architecture and electronics.

P: ENEL270 and ENCE260

R: ENEL391 and ENCE362

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENEL373-22S1 (C) Semester 1

ENEL382 Electric Power and Machines

15 Points 0.1250 EFTS

This electric power systems course encompasses the concerns of bulk electrical energy, its generation, the bulk transmission, local area distribution and final consumption (the load) as needed by industry, commerce and households. It is a complex subject, as it involves large scale power system interactions involving power flow, transient stability and system protection, and depends on a multitude of component level characteristics. Renewable generation has added to this complexity. Students in this course will learn analysis techniques for power systems under both steady-state and transient conditions. Basic principles of protection are covered, as are relevant electrical component level concepts, including generators and transformers. The basics of renewable and other energy sources are also covered.

P: ENEL280

R: ENEL380 and ENEL381

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENEL382-22S1 (C) Semester 1**ENEL400 Electrical and Computer Engineering Research Project**

30 Points 0.2500 EFTS

This course is the capstone final year honours project. It involves research and design and develops skills in life-time learning.

P: Final Year of Study

R: ENEL427, ENCE427

Domestic Fee: \$2,266 (2021)

International Fee: \$11,250 (2021)

ENEL400-22W (C) Whole Year (S1 and S2)**ENEL420 Advanced Signals**

15 Points 0.1250 EFTS

An advanced course on methods for digitally processing signals. Practical methods of designing digital signal filters, especially those with finite impulse response, including implementation on devices with finite precision. Statistical signal processing and estimation. Multidimensional signals and signal processing. The multidimensional Fourier transform and applications. Time-frequency analysis and the wavelet transform.

P: ENEL320 OR ENMT301

R: ENEL440

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENEL420-22S2 (C) Semester 2**ENEL422 Communications Engineering**

15 Points 0.1250 EFTS

Topics covered: baseband transmission, signal space, digital modulation and reception, equalization, communications systems, error control coding and networking.

P: ENEL320

R: ENEL433

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENEL422-22S1 (C) Semester 1**ENEL441 Special Topic**

15 Points 0.1250 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENEL441-22W (C) Whole Year (S1 and S2)**ENEL442 Special Topic in Electrical and Electronic Engineering**

15 Points 0.1250 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENEL442-22S1 (C) Semester 1**ENEL442-22W (C) Whole Year (S1 and S2)****ENEL443 Independent Course of Study**

15 Points 0.1250 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENEL443-22S1 (C) Semester 1**ENEL443-22W (C) Whole Year (S1 and S2)****ENEL443-22S2 (C) Semester 2****ENEL471 Power Electronics 2**

15 Points 0.1250 EFTS

Building modern Power Electronic circuits is a complex task. It involves analysis of the electro-mechanical system within which a circuit is embedded, followed by selection of appropriate circuit configurations. Electric circuit, magnetic circuit and control design are all integral to sound system operation. This course covers switching circuits for a range of powers and applications. It covers circuits and thermal management needed to maximise efficiency and reliability, and meet EMC requirements. Three phase system modelling, to enable model-based control of motion control systems, is included. Students will learn how to design a modern power electronic system within the context of a power supply or motion control system. It has a significant group project implementing an electric go-cart control system.

P: ENEL371, ENEL372

R: ENEL436

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENEL471-22S2 (C) Semester 2**ENEL480 Electrical Power Systems**

15 Points 0.1250 EFTS

This course is designed to build on Electric Power and Machines (ENEL382) by giving a more in-depth treatment of some areas (power-flow and fault analysis) while covering in detail new areas such as reliability assessment and protection. New developments in electrical power systems are covered. In the process of teaching this course and by using a design assignment as problem-based learning tool students will learn how a large real power system will perform and how to engineer solutions to identified problems.

P: ENEL382

R: ENEL437

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENEL480-22S1 (C) Semester 1**ENEL481 Electrical Machines**

15 Points 0.1250 EFTS

Unified electroheater and transformer design; power transformer assessment and industry standard high voltage testing of generators, transformers and cables. Rotating Machines.

P: ENEL381, ENEL382

R: ENEL439

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENEL481-22S2 (C) Semester 2**ENEL491 Nano Engineered Devices**

15 Points 0.1250 EFTS

Micro- and nano-electronic device design and fabrication technology. Physics of electronic materials. Advanced semiconductor devices. Solar cells design and fabrication. Future trends in nano-electronics. Micro- and nano-fluidics and their applications.

P: ENCE362 or ENEL373 or ENEL372

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENEL491-22S1 (C) Semester 1**Postgraduate**

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

ENEL614 Signals in Biomedicine

15 Points 0.1250 EFTS

Not offered in 2022

The course presents a relatively broad overview of signals and images in medicine and biology. In detail, the topics are: instrumentation for physiological measurement; medical imaging, particularly magnetic resonance imaging; processing of physiological signals, particularly those from the brain and heart; and processing of medical images. Students will be assessed on the basis of two individual assignments: 1) a review paper to be prepared from a literature study of a specific topic; and 2) a study of a method applied to real medical signals using Matlab or Python and submitted in the form of a research paper and brief oral presentation.

P: Subject to approval of the Head of Department.

R: ENEL514

ENEL619 Computational Image Recovery

15 Points 0.1250 EFTS

Not offered in 2022

The focus of this course is computational methods for the reconstruction of images from incomplete and noisy data. Key concepts are use of the multidimensional Fourier transform to describe image formation, the use of a priori information to supplement incomplete data, and image reconstruction algorithms. Topics include Fourier optics, inverse problems, iterative projection algorithms, Bayesian estimation, reconstruction from projections, deconvolution, phase retrieval, and applications including computed tomography, magnetic resonance imaging and biological imaging. The course will include a Matlab assignment and a practical computational project on an application of image reconstruction.

P: Subject to approval of the Head of Department.

ENEL651 Special Topic
15 Points 0.1250 EFTS
Not offered in 2022
P: Subject to approval of the Head of Department.

ENEL652 Special Topic
15 Points 0.1250 EFTS
Not offered in 2022
P: Subject to approval of the Head of Department.
R: ENEL552

ENEL657 Applied Digital Signal Processing
15 Points 0.1250 EFTS
Not offered in 2022
This course provides postgraduates and professional engineers (as COP students) with a means of applying theoretical concepts of digital signal processing to popular 16-bit fixed-point digital signal processors (DSPs). Optimisation is also covered and these concepts are generalised in terms of implementation on programmable logic devices such as field programmable gate arrays. An understanding of basic computer hardware and signal processing is extended with the study of specialised DSP architectures for high-performance and computationally intensive applications.
P: Subject to approval of the Head of Department.

ENEL663 Independent Course of Study
15 Points 0.1250 EFTS
P: Subject to approval of the Head of Department.
Domestic Fee: \$1,133 (2021)
International Fee: \$5,625 (2021)
ENEL663-22S1 (C) Semester 1
ENEL663-22W (C) Whole Year (S1 and S2)
ENEL663-22S2 (C) Semester 2

ENEL664 Special Topic
15 Points 0.1250 EFTS
Not offered in 2022
P: Subject to approval of the Head of Department.
R: ENEL564, ENEL667

ENEL667 Renewable Electricity System Design
15 Points 0.1250 EFTS
This course is aimed at applying system theory to the practical design of renewable electricity systems. It is primarily focused on technical design. Topics can include (but are not limited to) the design of renewable electricity systems and/or their components: generation, inverters, electricity storage devices, component or system protection and control, integrated off-grid and grid tied systems.
R: ENEL663, ENEL664
Domestic Fee: \$1,133 (2021)
International Fee: \$5,625 (2021)
ENEL667-22S2 (C) Semester 2

ENEL673 Special Topic
15 Points 0.1250 EFTS
Not offered in 2022
P: Subject to approval of the Head of Department.

ENEL679 Special Topic
15 Points 0.1250 EFTS
Not offered in 2022
P: Subject to approval of the Head of Department.

ENEL685 Electrical Postgraduate Project
30 Points 0.2500 EFTS
A self-contained electrical or computer engineering project, to be undertaken subject to the availability of suitable supervision and resources.
P: Subject to approval of the Head of Department.
Domestic Fee: \$2,266 (2021)
International Fee: \$11,250 (2021)
ENEL685-22A (C) Starts Anytime
ENEL685-22W (C) Whole Year (S1 and S2)
ENEL685-22CY (C) Cross Year

ENEL690 Electrical ME Thesis
120 Points 1.0000 EFTS
P: Subject to approval of the Head of Department.
Domestic Fee: \$8,697 (2021)
International Fee: \$45,000 (2021)
ENEL690-22A (C) Starts Anytime
Part-time enrolment (0.65 EFTS) is available on approval.

ENEL790 Electrical and Electronic Engineering PhD
120 Points 1.0000 EFTS
P: Subject to approval of the Head of Department.
Domestic Fee: \$8,697 (2021)
International Fee: \$45,000 (2021)
ENEL790-22A (C) Starts Anytime
*Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Engineering

Te Kaupeka Pūhanga | Faculty of Engineering

ENGR100 Engineering Academic Skills
0 Points 0.0000 EFTS
This course is normally taken at the same time as ENGR101 Foundations of Engineering. Students will be tested to assess their academic writing skills. Students who fail the initial assessment will be given feedback indicating their area(s) of weakness, and will have the opportunity to re-sit the assessment. All students are required to pass this course in order to be accepted into the Professional Engineering degree. First year Engineering students will be provided with academic skills, support and help with adjustment to UC Engineering.
Domestic Fee: \$0 (2021)
International Fee: \$0 (2021)
ENGR100-22W (C) Whole Year (S1 and S2)
ENGR100-22A (C) Starts Anytime

ENGR101 Foundations of Engineering
15 Points 0.1250 EFTS
This skills-based course will introduce students to the "engineering process". Through a series of lectures, exercises and projects, the students will gain experience in specific skills and activities that contribute to the engineering process. Examples include problem solving, technical sketching, team work and report writing. Additionally, the importance of sustainability, ethics and biculturalism in an engineering context will be introduced. Students will also gain a better understanding of the different engineering disciplines in regards to a career choice.
Domestic Fee: \$1,002 (2021)
International Fee: \$5,625 (2021)
ENGR101-22S1 (C) Semester 1

ENGR102 Engineering Mechanics
15 Points 0.1250 EFTS
A course for students advancing in Engineering programmes that requires in-depth analysis of components and structures, ENGR102 reinforces concepts of free-body diagrams and the mechanics of real life applications (both statics and dynamics).
P: EMTH118
C: EMTH119, PHYS101
Domestic Fee: \$986 (2021)
International Fee: \$5,500 (2021)
ENGR102-21SU2 (C) Summer (Nov 21)
ENGR102-22S2 (C) Semester 2

ENGR200 Engineering Work Experience
0 Points 0.0000 EFTS
This course provides the means for students to accomplish the non-academic requirements for the BE(Hons). The requirements are completion of a health and safety quiz, a risk assessment, first aid competency, and two work report and self-reviews based on 800 hours of engineering work experience.
P: Acceptance into a professional year of the BE(Hons) programme.
RP: Completion of Engineering Intermediate
Domestic Fee: \$0 (2021)
International Fee: \$0 (2021)
ENGR200-22A (C) Starts Anytime

Engineering

ENGR210 Independent Course of Study

15 Points 0.1250 EFTS

P: Subject to the approval of the Head of Department.

Domestic Fee: \$986 (2021)

International Fee: \$5,500 (2021)

ENGR210-21SU2 (D) Summer (Nov 21)

ENGR210-22S1 (C) Semester 1

ENGR210-22W (C) Whole Year (S1 and S2)

ENGR210-22S2 (C) Semester 2

ENGR211 Special Topic in Engineering

15 Points 0.1250 EFTS

P: Subject to the approval of the Dean of Engineering

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENGR211-22S1 (C) Semester 1

ENGR211-22W (C) Whole Year (S1 and S2)

ENGR211-22S2 (C) Semester 2

ENGR212 Special Topic in Engineering

15 Points 0.1250 EFTS

P: Subject to the approval of the Dean of Engineering

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENGR212-22S1 (C) Semester 1

ENGR212-22W (C) Whole Year (S1 and S2)

ENGR212-22S2 (C) Semester 2

ENGR301 Special Topic in Engineering

15 Points 0.1250 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENGR301-22S1 (C) Semester 1

ENGR301-22W (C) Whole Year (S1 and S2)

ENGR301-22S2 (C) Semester 2

ENGR303 Special Topic in Engineering

15 Points 0.1250 EFTS

P: Subject to the approval of the Director of Studies

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENGR303-22S1 (C) Semester 1

ENGR303-22W (C) Whole Year (S1 and S2)

ENGR303-22S2 (C) Semester 2

ENGR304 Independent Course of Study

15 Points 0.1250 EFTS

P: Subject to the approval of the Director of Studies

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENGR304-22S1 (C) Semester 1

ENGR304-22W (C) Whole Year (S1 and S2)

ENGR304-22S2 (C) Semester 2

ENGR310 Independent Course of Study

15 Points 0.1250 EFTS

P: Subject to the approval of the Head of Department.

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENGR310-22S1 (C) Semester 1

ENGR310-22W (C) Whole Year (S1 and S2)

ENGR310-22S2 (C) Semester 2

ENGR315 Humanitarian Engineering Practice

30 Points 0.2500 EFTS

This course comprises a module on Humanitarian Field Engineering, comprising of a taught component and a domestic practical field engineering programme. Students will have the opportunity to complete a project, field placement or attend a Design Summit as part of the course.

P: At least 30 points selected from the courses listed in schedules C and D of the Diploma of Global Humanitarian Engineering.

R: ENGR316

RP: 3 completed years of the BE(HONS) degree

EQ: ENGR316

Domestic Fee: \$1,971 (2021)

International Fee: \$11,000 (2021)

ENGR315-21SU2 (C) Summer (Nov 21)

ENGR315-22X (C) 04 Apr 2022 - 25 Dec 2022

ENGR316 Humanitarian Engineering Professional Report

30 Points 0.2500 EFTS

Not offered in 2022

An independent programme of study, research, or investigation on issues related to professional practice in humanitarian engineering, on a topic approved by the director of studies. Range-Examples of topics that can be considered include: literature review, case study, survey, commissioned report, environmental impact assessment.

P: At least 30 points selected from the courses listed in schedules C and D of the Diploma of Global Humanitarian Engineering.

RP: 3 completed years of the BE(HONS) degree

EQ: ENGR315

ENGR401 Computational Fluid Dynamics

15 Points 0.1250 EFTS

Theoretical and practical aspects of Computational Fluid Dynamics, including the theory of fluid flow equations, numerical methods of solving these equations, turbulence, and experience with a commercial CFD software.

P: ENME304 or ENME314, or ENCH393, or ENCN342

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENGR401-22S1 (C) Semester 1

ENGR403 Fire Engineering

15 Points 0.1250 EFTS

Introduction to Fire Engineering. Fire ignition, flame spread and flame height. The performance of construction materials and fire resistance. People movement and behaviour during fires. Fire detection, suppression and smoke extract systems. Wildland fires, fire investigation, fire-fighting.

P: Subject to approval of the Director of Studies

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENGR403-22SU1 (C) Summer (Jan 22)

ENGR403-22S1 (C) Semester 1

ENGR404 Emerging Energy Technologies and Management

15 Points 0.1250 EFTS

This course explores various emerging technologies related to the needs for energy, including the supply of renewable energy. This includes topics such as combined heat and power systems, biomass and thermo-chemical processing, wind, geothermal and solar energy processes. This course will also discuss the applications of catalysis in the production of energy carriers, starting at a basic level, and includes sections on adsorption and surface science, catalytic kinetics, evaluation on the modern catalytic processes in oil/gas refinery and studying key characteristics of emerging nanomaterials that enable them to become an effective catalyst in energy applications.

P: ENCH291 or subject to approval of the Director of Studies.

R: ENME405, ENME605

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENGR404-22S2 (C) Semester 2

ENGR405 Industrial Pollution Control

15 Points 0.1250 EFTS

This course aims to advance students' abilities in applying and evaluating the physico-chemical treatment processes for industrial wastewater and air pollution. It covers theory and design of biological, oxidation, and anaerobic treatment of wastewater. Mitigation for air pollution include pollution reduction strategies, biofilters, and equipment for the removal of gaseous and particulate airborne pollutants.

P: Subject to approval of the Director of Studies

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENGR405-22S1 (C) Semester 1

ENGR407 Bioprocess Engineering 1

15 Points 0.1250 EFTS

Engineering biochemistry covering enzyme kinetics, metabolism and applied molecular biology.

P: ENCH281 or subject to approval of the Director of Studies

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENGR407-22S2 (C) Semester 2

ENGR410 Independent Course of Study

15 Points 0.1250 EFTS

P: Subject to the approval of the Head of Department.

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENGR410-22S1 (C) Semester 1**ENGR410-22W (C) Whole Year (S1 and S2)****ENGR410-22S2 (C) Semester 2****ENGR440 Special Topic**

15 Points 0.1250 EFTS

P: Subject to the approval of the Head of Department.

Domestic Fee: \$986 (2021)

International Fee: \$5,500 (2021)

ENGR440-21SU2 (C) Summer (Nov 21)**ENGR476 Independent Course of Study**

15 Points 0.1250 EFTS

P: Subject to the approval of the Head of Department

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENGR476-22S1 (C) Semester 1**ENGR476-22W (C) Whole Year (S1 and S2)****ENGR476-22S2 (C) Semester 2****ENGR477 Independent Course of Study**

15 Points 0.1250 EFTS

P: Subject to the approval of the Head of Department.

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENGR477-22S1 (C) Semester 1**ENGR477-22W (C) Whole Year (S1 and S2)****ENGR477-22S2 (C) Semester 2****Postgraduate**

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

ENCM678 Special Topic

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Director of Studies

ENCN623 Energy Systems Modelling and Analysis

15 Points 0.1250 EFTS

Critical analysis of 100% renewable energy systems; advanced energy system modelling; analysis and application of selected software for energy system modelling including EnergyPlan, Systems Advisor Model (SAM) and modelling of photovoltaic-diesel systems (ASIM).

P: ENCN423 or subject to approval of the Head of Department

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENCN623-22S2 (C) Semester 2**ENCN625 Wind Resource Modelling**

15 Points 0.1250 EFTS

Analytical and numerical modelling experience for wind resource assessment; application of numerical weather prediction models for wind energy; understanding the role of complex terrain and weather systems in wind energy variability; Develop theoretical and practical knowledge for wind resource spatial modelling.

P: ENNR423 Sustainable Energy Systems or approval of the Director of Studies

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENCN625-22S2 (C) Semester 2**ENGR601 Advanced Computational Fluid Dynamics**

15 Points 0.1250 EFTS

Theoretical and practical aspects of Computational Fluid Dynamics, including the theory of fluid flow equations, numerical methods of solving these equations, turbulence, and experience with a commercial CFD software.

P: Subject to approval of the Head of Department

R: ENGR401

RP: Bachelors degree in Engineering or equivalent

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENGR601-22S1 (C) Semester 1**ENGR621 Energy, Technology and Society**

15 Points 0.1250 EFTS

The roles of civil, natural resources, electrical, mechanical, chemical/process engineering, environmental psychology, sociology and economics in the multi-disciplinary subject of energy engineering; the application of thermodynamics and electricity in energy system conceptual design, advanced concepts in economics comparing paradigms such as classical, neo-classical and steady-state economics; the decoupling of economic growth from energy consumption; energy poverty and energy services.

P: Subject to the approval of the Head of Department.

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENGR621-22S1 (C) Semester 1**ENGR640 Special Topic**

15 Points 0.1250 EFTS

P: Subject to the approval of the Head of Department.

Domestic Fee: \$1,114 (2021)

International Fee: \$5,500 (2021)

ENGR640-21SU2 (C) Summer (Nov 21)**ENGR675 Independent Course of Study**

15 Points 0.1250 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENGR675-22S1 (C) Semester 1**ENGR675-22W (C) Whole Year (S1 and S2)****ENGR675-22S2 (C) Semester 2****ENGR682 Special Topic in Engineering - Project**

15 Points 0.1250 EFTS

P: Subject to the approval of the Head of Department.

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENGR682-22S1 (C) Semester 1**ENGR682-22W (C) Whole Year (S1 and S2)****ENGR682-22S2 (C) Semester 2****ENGR683 Special Topic in Engineering - Project**

30 Points 0.2500 EFTS

Students will gain experience in performing research in an engineering field.

P: Subject to the approval of the Dean of Engineering

Domestic Fee: \$2,266 (2021)

International Fee: \$11,250 (2021)

ENGR683-22A (C) Starts Anytime**ENGR683-22S1 (C) Semester 1****ENGR683-22W (C) Whole Year (S1 and S2)****ENGR683-22S2 (C) Semester 2****ENGR684 Special Topic**

15 Points 0.1250 EFTS

P: Subject to the approval of the Head of Department.

Domestic Fee: \$1,114 (2021)

International Fee: \$5,500 (2021)

ENGR684-21SU2 (C) Summer (Nov 21)**ENGR685 Special Topic**

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to the approval of the Head of Department

ENGR686 Special Topic

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Dean of Engineering and Forestry

ENGR687 Special Topic

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to the approval of the Head of Department

Engineering Geology

Department of Geological Sciences

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

ENGE411 Engineering Construction Practice

15 Points 0.1250 EFTS

This course is concerned with the nature and properties of construction materials for civil projects, general design principles and construction practices in rock and soil, and selected case studies (both historical and current). It also considers appropriate engineering geology practice for various surface and subsurface projects, with emphasis on project failures and the implications for sound geotechnical practice. Knowledge of precedent is fundamental to engineering design and construction, and the course content is inherently practical rather than theoretical.

P: (1) ENGE 410 and (2) approval from the Head of Department of Geological Sciences

R: ENGE 472

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

ENGE411-22X (C) 18 July 2022 - 11 Sep 2022

ENGE412 Rock Mechanics and Rock Engineering

15 Points 0.1250 EFTS

This course focuses on description and representation of a rock mass, stress and strain in a rock mass and deformation and failure of a rock mass. These are applied to rock slope stability analysis and design of underground excavations.

P: (1) ENCN 353 or (2) MATH 101 or MATH 102 or MATH 103 and (3) approval from the Head of Department of Geological Sciences

R: ENGE 485

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

ENGE412-22S1 (C) Semester 1

ENGE413 Soil Mechanics and Soil Engineering

15 Points 0.1250 EFTS

Formation, properties, description and representation of soils. Stress and strain in soils. Deformation and failure of soils. Engineered soil slope stability and foundation analysis. Underground excavation and ground treatment in soil.

P: (1) MATH 101 or MATH 102 or MATH 103 and (2) approval from the Head of Department of Geological Sciences

R: ENCN 253; ENGE 485

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

ENGE413-22S2 (C) Semester 2

ENGE414 Applied Hydrogeology

15 Points 0.1250 EFTS

The Applied Hydrogeology course provides postgraduate students in engineering geology and environmental science with a sound understanding of the nature and occurrence of groundwater, various techniques for resource evaluation, contaminant transport issues, and a brief introduction to groundwater modelling. The course is an integrated one, developing both geological aspects of groundwater occurrence and chemistry, as well as pragmatic methods for quantifying flow parameters and aquifer characteristics.

P: (1) MATH 101 or MATH 102 or MATH 103 and (2) approval from the Head of Department of Geological Sciences

R: ENGE 478

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

ENGE414-22T2 (C) 25 Apr 2022 - 05 June 2022

ENGE416 Engineering Geology Synthesis and Project Preparation

15 Points 0.1250 EFTS

Students will work on engineering geology synthesis by applying all of the skills they have learned in the ENGE courses to real-world based problems. Students will also prepare for the project portfolio (ENGE 691). The content of the projects is not fixed, and the principal aim is for students to prepare an industry relevant design or research project. The project itself may be primarily field based, it could be mostly a laboratory study, and there will be components of literature review and project planning involved.

P: (1) ENGE 410 and (2) approval from the Head of Department of Geological Sciences

R: ENGE 495

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

ENGE416-22X (C) 04 Apr 2022 - 06 Nov 2022

ENGE417 Foundations of Engineering Geology

30 Points 0.2500 EFTS

This course covers the fundamentals of engineering geology by a structured approach to site investigation, with the goal of developing accurate engineering ground models.

P: Approval by Head of Department.

R: ENGE410, ENGE415, ENGE471, ENGE486

RP: BSc Geology or equivalent

Domestic Fee: \$2,168 (2021)

International Fee: \$10,000 (2021)

ENGE417-22T1 (C) 14 Feb 2022 - 03 Apr 2022

Limited entry. See limitation of entry regulations.

ENGE481 Special Topic

15 Points 0.1250 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

ENGE481-22S1 (C) Semester 1

ENGE482 Special Topic

15 Points 0.1250 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

ENGE482-22S2 (C) Semester 2

ENGE491 Research Project

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Head of Department.

ENGE690 MSc Thesis

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$8,172 (2021)

International Fee: \$40,000 (2021)

ENGE690-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval.

ENGE691 Engineering Geology Project Portfolio

60 Points 0.5000 EFTS

Professional design or research project in Engineering Geology. The emphasis is on developing technical and professional skills by working on: progress presentations, progress reporting, project management, poster presentation and manuscript writing, all of which will constitute a portfolio that can be used in their professional careers.

P: 120 Points at 400-level including ENGE 410, 411, 412, 413, 414, 415, 416 and DRRE402.

Substitutions may be made in exceptional circumstances.

Domestic Fee: \$4,086 (2021)

International Fee: \$20,000 (2021)

ENGE691-22X (C) 30 May 2022 - 25 Dec 2022

ENGE790 Engineering Geology PhD

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$8,172 (2021)

International Fee: \$40,000 (2021)

ENGE790-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.

Engineering Management

Te Kaupeka Pūhanga | Faculty of Engineering

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

EMGT601 Engineering Management Professional Skills

15 Points 0.1250 EFTS

This course will further-develop professional skills required for success during and after engineering study, including personal effectiveness, collaboration, networking and communication skills. In addition, the course will focus on topical issues facing engineering managers in New Zealand. This course will be delivered in a series of workshops spanning multiple teaching periods. Through a series of workshops, this course targets best practices in self-assessment, time management, communication, stakeholder engagement and collaboration skills. In addition, this course will be a platform for the development of professional networks, through the incorporation of a mentoring and sponsorship programme, and by students participating in professional networking activities.

P: Subject to the approval of the Programme Director

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

EMGT601-22W (C) Whole Year (S1 and S2)

EMGT602 Engineering Knowledge Management

15 Points 0.1250 EFTS

Engineers act as knowledge brokers, bringing together people and knowledge to enable technological advancement. In order to become expert knowledge brokers, engineers need to be able to appreciate different approaches to addressing a problem, as well as critically evaluating and synthesising information. In addition, engineers are expected to be able to create, manage and interpret knowledge. This course addresses these needs by further developing independent research skills. This course will commence by introducing different research paradigms and methods, including different knowledge and cultural frames. The course will then further develop on approaches to critically evaluate information, in order to make an informed and limited judgement. The course will then focus on qualitative and quantitative research methods, including survey design and the analysis of large data samples. The course will conclude on approaches to communicate data to different audiences.

P: Subject to the approval of the Programme Director

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

EMGT602-22T1 (C) 31 Jan 2022 - 24 Apr 2022

EMGT603 Engineering Project Design and Management

15 Points 0.1250 EFTS

Project management is a core engineering task, and is a systematic approach to planning, organising, monitoring and controlling resources to achieve goals and objectives. This course focuses on the skills needed to plan, initiate, manage delivery and review a complex technical project. This includes identifying project requirements through stakeholder engagement, scope development, resource scheduling and costing, accounting for project quality, developing project risk management plans, coordinating work, and utilising monitoring and evaluation techniques. During this course, students will work as individuals within a consulting environment to find and develop an industry project suitable for EMGT 680.

P: Subject to the approval of the Programme Director

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

EMGT603-22W (C) Whole Year (S1 and S2)

EMGT604 Management in Technical Organisations

15 Points 0.1250 EFTS

This course focuses on the development of enabling skills needed for managers in a technical organisation. Topics include corporate structures and processes, human resource management, strategic planning and implementation processes, monitoring and evaluation techniques, ethics, quality management, discounted cash flow techniques, financing, occupational health and safety and risk management.

P: Subject to the approval of the Programme Director

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

EMGT604-22T2 (C) 16 May 2022 - 07 Aug 2022

EMGT605 Sustainability Systems in Engineering

15 Points 0.1250 EFTS

Engineers have a critical role in contributing to positive economic, environmental and social outcomes. The ability to achieve positive sustainable outcomes are grounded in the ability to integrate systems and anticipatory thinking with other engineering management skills of recognising different values and perspectives and beliefs, evidence-based strategy, and collaboration. This course focuses on developing systems and anticipatory thinking, with a focus on understanding the interactions between human, cultural, environmental, economic and technical systems. The development of these skills will then be leveraged to understand the applicability and limitations of different sustainability tools and frameworks for engineering activities. The course will focus on local, regional and global sustainability challenges, and will incorporate the importance of integrating tikanga Māori in engineering activities.

P: Subject to the approval of the Programme Director

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

EMGT605-22T2 (C) 16 May 2022 - 07 Aug 2022

EMGT606 Technology Development, Application and Transfer

15 Points 0.1250 EFTS

This course is designed to provide graduates with the skills to manage the development of, or utilise new or emerging technology in a business context. Students will work in teams and individually to critically evaluate the benefits and opportunities, as well as the limitations and risks associated with different technologies. This will lead to the identification of pathways to implement and/or further develop different technologies, accounting for organisational strategy, production, marketing, market position, research and development, human resources, and intellectual property considerations.

P: Subject to the approval of the Programme Director

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

EMGT606-22T3 (D) 29 Aug 2022 - 20 Nov 2022

EMGT607 Special Topic in Engineering Management 1

15 Points 0.1250 EFTS

Special topic in engineering management

P: Subject to the approval of the Programme Director

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

EMGT607-22T3 (D) 29 Aug 2022 - 20 Nov 2022

EMGT608 Special Topic in Engineering Management 2

15 Points 0.1250 EFTS

Special topic in engineering management

P: Subject to the approval of the Programme Director

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

EMGT608-22W (C) Whole Year (S1 and S2)

EMGT609 Special Topic in Engineering Management 3

15 Points 0.1250 EFTS

Special topic in engineering management

P: Subject to the approval of the Programme Director

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

EMGT609-22W (C) Whole Year (S1 and S2)

EMGT680 Engineering Management Project

45 Points 0.3750 EFTS

In this course, students complete a project to demonstrate mastery in engineering management. Projects may relate to optimisation, data analytics, knowledge management, project management, technology evaluation and implementation, business operations in an engineering context, or sustainability evaluations. Students will have the opportunity to complete an industry focussed engineering management project through two options. The first option is to deliver an external industry project developed in EMGT 603. Approval of this first option will be subject to criteria, which includes performance in EMGT 603. In this first option, students can choose to develop a project based on their own interests. The second option is to complete an internal project with other students, in collaboration with an industry partner. In the second option, you may be partnered with students from other Masters degrees, to offer a cross-disciplinary approach for the industry partner. This second option is for students who wish to complete the project with other students or for students who do not meet the criteria for an individual industry project. Students will complete their project in a workplace and/or on campus.

P: MBAZ 601, MBAZ 605, EMGT 601, EMGT 602, EMGT 603, EMGT 604, EMGT 605 Subject to the approval of the Programme Director

Domestic Fee: \$3,398 (2021)

International Fee: \$16,875 (2021)

EMGT680-22SU2 (C) Summer (Nov 21)

ENMG680 Management ME Project

48 Points 0.4000 EFTS

Not offered in 2022

Project in Engineering Technology or Innovation Management or Commercialisation to be undertaken.

P: Subject to approval of the Programme Director.

ENMG790 Engineering Management PhD

120 Points 1.0000 EFTS

P: Subject to approval of the Programme Director.

Domestic Fee: \$8,697 (2021)

International Fee: \$45,000 (2021)

ENMG790-22A (C) Starts Anytime

*Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Engineering Mathematics

Te Kura Hanga Otinga | School of Product Design

EMTH110 Engineering Mathematics Tutorial

0 Points 0.0000 EFTS

Not offered in 2022

This is an EFTS free course (no credit) for the use of offering tutorials for students who have been granted direct entry into the First Professional Year of an Engineering Discipline or a modified Intermediate who is taking 200 level Engineering Mathematics courses. This course is by invitation only. There is no assessment in this course.

P: Subject to approval from the Dean of Engineering and Forestry

EMTH118 Engineering Mathematics 1A

15 Points 0.1250 EFTS

A first course in the methods and applications of engineering mathematics. Topics include calculus, linear algebra, and modelling techniques. This Course is designed for engineering students who have done well in NCEA Mathematics with calculus.

P: 1) MATH101, or 2) NCEA 14 Credits (18 strongly recommended) at level 3 Mathematics (including the standards 'Apply differentiation methods in solving problems (91578)' and 'Apply integration methods in solving problems (91579)'), or 3) Cambridge: D at A level or an A at AS level in Mathematics, or 4) IB: 4 at HL or 5 at SL in Mathematics, or 5) approval of the Head of School based on alternative prior learning.

R: MATH102, MATH108, MATH199

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

EMTH118-22S1 (C) Semester 1**EMTH118-22S1 (D) Semester 1****EMTH118-22S2 (C) Semester 2****EMTH119 Engineering Mathematics 1B**

15 Points 0.1250 EFTS

A continuation of EMTH118. Topics covered include methods and Engineering applications of calculus, differential equations, and linear algebra, along with an introduction to probability. This course is a prerequisite for many courses in engineering mathematics and other subjects at 200 level.

P: EMTH118, COSC131

R: MATH103, MATH109, MATH199

Domestic Fee: \$986 (2021)

International Fee: \$5,500 (2021)

EMTH119-21SU2 (C) Summer (Nov 21)**EMTH119-22S2 (C) Semester 2****EMTH119-22S2 (D) Semester 2****EMTH171 Mathematical Modelling and Computation**

15 Points 0.1250 EFTS

Not offered in 2022

An introduction to mathematical modelling and simulation via case studies using standard computer packages. Structured programming for mathematical problem solving.

P: 1) MATH101, or 2) NCEA 14 Credits (18 strongly recommended) at level 3 Mathematics (including the standards 'Apply differentiation methods in solving problems (91578)' and 'Apply integration methods in solving problems (91579)'), or 3) Cambridge: D at A level or an A at AS level in Mathematics, or 4) IB: 4 at HL or 6 at SL in Mathematics, or 5) approval of the Head of School based on alternative prior learning.

C: EMTH118 or EMTH119 or MATH103

R: MATH170, MATH171

RP: It is strongly recommended that students should have passed EMTH118 or MATH102 before taking EMTH171. A prior or concurrent enrolment in EMTH119 or MATH103 is also recommended. If you are taking EMTH171 concurrently with EMTH118 or MATH102, you are likely to experience difficulties and need to put in extra work.

EMTH210 Engineering Mathematics 2

15 Points 0.1250 EFTS

This course covers material in multivariable integral and differential calculus, linear algebra and statistics which is applicable to the engineering professions.

P: Subject to approval of the Dean of Engineering and Forestry

R: EMTH202, EMTH204, MATH201, MATH261, MATH262, MATH264

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

EMTH210-22S1 (C) Semester 1**EMTH211 Engineering Linear Algebra and Statistics**

15 Points 0.1250 EFTS

A linear/matrix algebra course using MATLAB, with engineering applications and a component of statistics for engineers.

P: Subject to approval of the Dean of Engineering and Forestry.

R: EMTH203, EMTH204, MATH203, MATH254, MATH252, MATH251

RP: EMTH210

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

EMTH211-22S2 (C) Semester 2**EMTH271 Mathematical Modelling and Computation 2**

15 Points 0.1250 EFTS

Use of the package MATLAB including matrix algebra, user-defined functions, surface plotting. Numerical methods including solutions of systems of linear equations, solution of ordinary differential equations and systems of equations, approximation techniques. Modelling projects and engineering applications.

P: (1) EMTH171, MATH170 or MATH171; (2) Subject to approval of the Dean of Engineering and Forestry.

R: MATH270, MATH271

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

EMTH271-22S2 (C) Semester 2**EMTH410 Special Topic in Engineering Mathematics**

15 Points 0.1250 EFTS

P: Subject to the approval of the Head of School.

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

EMTH410-22S1 (C) Semester 1**EMTH411 Special Topic in Engineering Mathematics**

15 Points 0.1250 EFTS

P: Subject to approval of the Head of School.

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

EMTH411-22S2 (C) Semester 2**EMTH413 Special Topic in Engineering Mathematics**

15 Points 0.1250 EFTS

P: Subject to approval of the Head of School.

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

EMTH413-22S1 (C) Semester 1**EMTH414 Special Topic in Engineering Mathematics**

15 Points 0.1250 EFTS

P: Subject to approval of the Head of School.

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

EMTH414-22S1 (C) Semester 1**EMTH415 Special Topic in Engineering Mathematics**

15 Points 0.1250 EFTS

P: Subject to approval of the Head of School.

R: MATH363

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

EMTH415-22S2 (C) Semester 2

Postgraduate

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

EMTH600 Dynamical Systems

15 Points 0.1250 EFTS

This course studies the fundamental concepts used in dynamical systems - the main tool for modelling the evolution of systems in discrete and continuous time.

P: Subject to approval of the Head of School.

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

EMTH600-22S2 (C) Semester 2

EMTH601 Mathematical Models in Biology

15 Points 0.1250 EFTS

Not offered in 2022

The application of mathematical modelling and differential equations to biology, in particular to cell physiology.

P: Subject to approval of the Head of School.

EMTH602 Computational Fluid Mechanics

15 Points 0.1250 EFTS

Not offered in 2022

Applications of differential equations to fluid mechanics.

P: Subject to approval of the Head of School.

EMTH603 Numerical Solution of Partial Differential Equations

15 Points 0.1250 EFTS

Not offered in 2022

Solution of modern problems in applied mathematics, engineering and physical sciences. The numerical solution of ordinary differential equations is an essential tool.

P: Subject to approval of the Head of School.

EMTH604 Optimisation

15 Points 0.1250 EFTS

Techniques for optimising smooth functions both with and without constraints present.

P: Subject to approval of the Head of School.

R: MATH412

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

EMTH604-22S1 (C) Semester 1

EMTH605 Approximation Theory

15 Points 0.1250 EFTS

Not offered in 2022

A self-contained introduction to the approximation of functions of one variable, establishing the language and concepts, with an emphasis on connections with numerical analysis.

P: Subject to approval of the Head of School.

EMTH606 Algebraic and Symbolic Computation

15 Points 0.1250 EFTS

Not offered in 2022

An introduction to Gröbner bases and applications of systems of multivariate polynomial equations.

P: Subject to approval of the Head of School.

EMTH607 Cryptography and Coding Theory

15 Points 0.1250 EFTS

Not offered in 2022

The mathematics of binary linear codes.

P: Subject to approval of the Head of School.

EMTH608 Industrial Case Studies

15 Points 0.1250 EFTS

Not offered in 2022

A detailed analysis involving the formulation, solution, and interpretation of a number of applications using a range of methodologies (discrete, continuous, and stochastic) to determine strategies and underpin decision-support.

P: Subject to approval of the Head of School.

EMTH609 Special Topic in Engineering Mathematics

15 Points 0.1250 EFTS

P: Subject to approval of the Head of School.

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

EMTH609-22S1 (C) Semester 1

EMTH610 Special Topic in Engineering Mathematics

15 Points 0.1250 EFTS

P: Subject to the approval of the Head of School.

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

EMTH610-22S2 (C) Semester 2

EMTH611 Advanced Mathematical Methods

15 Points 0.1250 EFTS

Not offered in 2022

Advanced linear algebra: decomposition of linear systems, eigen-system methods, conjugate gradients, GMRES. Advanced calculus: multivariate calculus; linearisation, surface integrals, tensor analysis. Complex variable methods. Modelling of engineering systems. Asymptotic methods.

P: Subject to the approval of the Head of School.

RP: BE (Hons) or equivalent

EMTH612 Advanced Computational Techniques

15 Points 0.1250 EFTS

Not offered in 2022

Numerical approximation and cubic splines; numerical solution of non-linear algebraic equations; numerical optimisation for unconstrained and constrained problems; numerical solution of initial value and boundary value ordinary differential equation problems and differential algebraic systems; numerical solution of partial differential equations by finite differences, multigrid, spectral methods and finite element techniques.

P: Subject to approval of the Head of School.

RP: BE (Hons) or equivalent

EMTH613 Advanced Statistical Methods

15 Points 0.1250 EFTS

Not offered in 2022

Probability theory and stochastic processes; Monte Carlo methods and simulation; stochastic optimisation; machine learning; pattern recognition; classification and regression; time series; information engineering.

P: Subject to approval of the Head of School.

RP: BE (Hons) or equivalent

EMTH614 Advanced Differential Equations

15 Points 0.1250 EFTS

Not offered in 2022

Solution of odes: Linear problems: Initial value problems, Boundary value problems; Non-linear quantitative methods, dynamical systems. Solution of pdes: method of characteristics, classification of pde; Fourier series, Hilbert space, Sturm-Liouville: separation of variables solution of elliptic, parabolic and hyperbolic equations. Integral transforms and green functions. Variational methods.

P: Subject to approval of the Head of School.

RP: BE (Hons)

EMTH620 High Performance Computing

15 Points 0.1250 EFTS

Not offered in 2022

Features of HPTC: HPTC programming considerations, software technologies, enabling technologies and algorithms. HPTC Programming, Parallel programming. Applications of HPTC to engineering science: Parallel and distributed computing in numerical linear algebra, pdes, odes and optimisation. Applications to: nonlinear dynamical systems, nonlinear fluid mechanics, bio-engineering

P: Subject to approval of the Head of School.

RP: BE (Hons)

EMTH675 Independent Course of Study

15 Points 0.1250 EFTS

P: Subject to approval of the Head of School.

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

EMTH675-22S1 (C) Semester 1

EMTH675-22S2 (C) Semester 2

English

Te Kura Kete Aronui | School of Humanities and Creative Arts

ENGL102 Great Works

15 Points 0.1250 EFTS

This course introduces students to university-level English by exploring in depth a sequence of works that have earned the label 'great' for some or all of the following reasons: because of their enduring, wide and deep cultural influence; because of the originality of their creative conception; because of the power of their language; because of the power and appeal of the stories they tell or the characters or images they contain.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

ENGL102-22S1 (C) Semester 1

ENGL103 The Outsider

15 Points 0.1250 EFTS

However you think about the outsider - as artist, as outlaw or anarchist, as hero or scapegoat, as criminal or critic - it is clear that this figure is a constant in the study of literature. In this course we shall investigate the way the figure of the outsider has been represented in the traditions of American and New Zealand literature. Furthermore, we will bring to bear on this figure three key critical contexts: romanticism, modernism and post-colonialism.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

ENGL103-22S2 (C) Semester 2

ENGL104 The Stage and Stagecraft

15 Points 0.1250 EFTS

Not offered in 2022

This course covers the European historical backgrounds informing the modern stage. It also examines how the same fundamental dynamics occur in contemporary theatres, and in other performance situations nowadays, such as marae theatre, passion plays and other site-specific shows.

ENGL107 Shakespeare

15 Points 0.1250 EFTS

This course is designed to introduce first year students to a range of Shakespeare's plays as well as to develop their understanding of the different ways in which his plays have been received in recent literary criticism.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

ENGL107-22S2 (C) Semester 2

ENGL110 Māori Writing in English

15 Points 0.1250 EFTS

An introduction to Māori writing in English from its origins early in the period after the Second World War to its flowering in the late Twentieth Century, with emphasis on its generic and regional variety.

Domestic Fee: \$785 (2021)

International Fee: \$3,500 (2021)

ENGL110-21SU2 (C) Summer (Nov 21)

ENGL115 Childhood in Children's Literature

15 Points 0.1250 EFTS

Not offered in 2022

An introduction to the changing representations of the child and childhood in children's literature from the late 18th century to the present.

R: ENGL212, GEND105

ENGL117 Writing for Academic Success

15 Points 0.1250 EFTS

Writing for Academic Success fosters the capacity for analytical thought about texts and language. The course also provides training in the writing of clear and effective prose, inculcates awareness of crucial structural and rhetorical features of expository writing, and encourages the application of that awareness to writing in a range of academic and professional contexts.

R: WRIT101

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

ENGL117-22S1 (C) Semester 1

ENGL117-22S1 (D) Semester 1

ENGL117-22S2 (C) Semester 2

ENGL117-22S2 (D) Semester 2

ENGL118 Creative Writing: Skills, Techniques and Strategies

15 Points 0.1250 EFTS

This course provides a thorough grounding in the skills, techniques and tricks a writer needs to transform ideas and material into art. Guided exercises will develop students' perception, observation and research skills. The study of selected poetry, song lyrics and monologues will provide an understanding of fundamental techniques and approaches, as well as inspiration for students' own writing.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

ENGL118-22S1 (C) Semester 1

ENGL132 Cultural Studies: Reading Culture

15 Points 0.1250 EFTS

Not offered in 2022

An introduction to Cultural Studies, emphasising aspects of the field that are most pertinent to English Studies: the textuality of culture, cultural history, and cultural value and taste.

R: CULT132

EQ: CULT132

WRIT101 Writing for Academic Success

15 Points 0.1250 EFTS

Writing for Academic Success fosters the capacity for analytical thought about texts and language. The course also provides training in the writing of clear and effective prose, inculcates awareness of crucial structural and rhetorical features of expository writing, and encourages the application of that awareness to writing in a range of academic and professional contexts.

R: ENGL117

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

WRIT101-22S1 (C) Semester 1

WRIT101-22S1 (D) Semester 1

WRIT101-22S2 (C) Semester 2

WRIT101-22S2 (D) Semester 2

ENGL201 The Essay and Beyond: Creative Non-Fiction

15 Points 0.1250 EFTS

Non-fiction writing has a strong place within the traditions of literature, but has often tended to be neglected as a subject of study. To redress this, we will look at different genres of non-fiction: essays, popular science, travel writing, nature writing, and various types of "life writing". We will question the particular techniques and generic distinctions of texts studied, consider the specific subjects of non-fiction texts, examine how the texts are constructed and discuss their significance in the contexts most relevant to them. In addition, the course will explore the representation of place, displacement and placement; the history of subjectivity; recent interventions into postcolonial, globalisation and literary studies, and ecocriticism and human-animal studies; and the operation of gender and class as they apply to the production and readership of literary non-fiction.

P: Any 15 points at 100 level from ENGL, or any 60 points at 100 level from the Schedule V of the BA.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

ENGL201-22S1 (C) Semester 1

ENGL202 Rebels, Devils and Cannibals: Literature and the Origins of Modernity

15 Points 0.1250 EFTS

Not offered in 2022

Examining a range of literary texts in English from the late sixteenth to the early eighteenth centuries, ENGL202/302 focuses on how the chosen works represent and are shaped by the first glimmerings of modern forms of culture and consciousness.

P: Any 15 points at 100 level from ENGL, or any 60 points at 100 level from the Schedule V of the BA.

R: ENGL302

ENGL206 Science, Technology and Literature

15 Points 0.1250 EFTS

This course will particularly concentrate on the last two centuries of intersections between science, technology and literature, assaying major trends and preoccupations present in a range of texts and theories. Within a general examination of literature's engagements, the development of science fiction forms and concerns will be considered, especially because of the way that the genre often speculates the fears and desires of its time onto both futuristic settings and "alternate realities". Students will be expected to read a range of key material, including a small selection of novels, some short fiction, theoretical writings and visual texts.

P: Any 15 points at 100 level from ENGL, or any 60 points at 100 level from the Schedule V of the BA.

R: ENGL306

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

ENGL206-22S2 (C) Semester 2

ENGL206-22S2 (D) Semester 2

ENGL210 Inventing New Zealand in Literature

15 Points 0.1250 EFTS

ENGL 210 is an introduction to New Zealand literature. The course has a twentieth-century focus, and, in its survey of the century, examines texts that engage the issues of translation (a politics of metaphor) by which different ideas of 'New Zealandness' have been established and critiqued. What is it we mean when we speak of New Zealand literature? What are the assumptions, readings and interpretations employed in the formation of something like New Zealand identity, and what are their contexts?

P: Any 15 points at 100 level from ENGL, or any 60 points at 100 level from the Schedule V of the BA.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

ENGL210-22S1 (C) Semester 1

ENGL211 Exceptional Americans: An Introduction to American Literature

15 Points 0.1250 EFTS

Not offered in 2022

This course offers students the chance to engage with some of the most exceptional writers and texts in the American tradition and, at the same time, to think critically about the idea of exceptionalism itself.

P: Any 15 points at 100 level from ENGL, or any 60 points at 100 level from the Schedule V of the BA.

R: ENGL109 and AMST110

ENGL213 Children's Classics: Popular Children's Texts and their Representation on Film

15 Points 0.1250 EFTS

Not offered in 2022

Children's Classics teaches the genre-specific nature of children's literature, its socio-historical contexts, and the significance of its re-readings as film. It introduces a selection of enduring children's texts, illustrating the importance to literary production of changing cultural context, demonstrating the importance of intertextuality in children's literature and how texts change when filmed, and promotes the skills of reading and writing.

P: Any 15 points at 100 level from ENGL, or any 60 points at 100 level from the Schedule V of the BA.

R: CINE224

EQ: CINE224

ENGL220 Creative Writing: Short Fiction

15 Points 0.1250 EFTS

This course gives instruction and advice on the writing of short fiction, using a wide range of examples to illustrate the variety of forms, methods, and themes that may be used by the professional writer. Emphasis is given to the variety of genres available and the range of different readerships involved.

P: Any 15 points at 100 level from ENGL, or any 60 points at 100 level from the Schedule V of the BA.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

ENGL220-22S2 (C) Semester 2

ENGL231 Creative Writing: Poetry

15 Points 0.1250 EFTS

Not offered in 2022

This course offers instruction and advice in the practice of writing poetry. A number of forms and styles will be studied, and writing exercises will be used to extend and develop the individual student's range of competencies. The course will culminate in the production by each student of a portfolio of his or her original work.

P: Any 15 points at 100 level from ENGL, or any 60 points at 100 level from the Schedule V of the BA.

R: ENGL230

Limited entry. See limitation of entry regulations. Selection will be made on the basis of a folio of work, submitted no later than 31 October in the year preceding enrolment (or no later than 31 May in the year of enrolment if offered in the second semester), to be assessed by the course convenor.

ENGL232 Cultural Politics/Cultural Activism

15 Points 0.1250 EFTS

The course considers the strategic roles that culture can play in influencing political and social change, studying a wide variety of cultural texts and practices.

P: Any 15 points at 100 level from CULT or ENGL, or any 60 points at 100 level from the Schedule V of the BA.

R: CULT202

EQ: CULT202

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

ENGL232-22S1 (C) Semester 1

ENGL233 Creative Writing for Stage

15 Points 0.1250 EFTS

Not offered in 2022

This course combines the development of students' creative writing with teaching of the practical skills and dramaturgic techniques of scripting for stage.

P: Any 15 points at 100 level from ENGL, or any 60 points at 100 level from the Schedule V of the BA.

R: ENGL234

ENGL238 Creative Writing for Screen

15 Points 0.1250 EFTS

Not offered in 2022

The objective of the course is to combine the development of students' creative writing with the practical skills and dramaturgic techniques of writing for film.

P: Any 15 points at 100 level from CINE or ENGL, or any 60 points at 100 level from the Schedule V of the BA.

R: ENGL234, CINE210

EQ: CINE210

ENGL243 From Bambi to Kong: The Animal in Popular Culture

15 Points 0.1250 EFTS

This course provides an introduction to human-animal studies through an analysis of cinematic representations of animals and the environment across horror and science fiction genres, animation, comedy and documentary.

P: Any 15 points at 100 level from CULT or ENGL, or any 60 points at 100 level from the Schedule V of the BA.

R: AMST236, CULT206, GEND213, AMST331, GEND311, and ENGL349

EQ: CULT206

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

ENGL243-22S2 (C) Semester 2

ENGL252 Crime Stories

15 Points 0.1250 EFTS

Not offered in 2022

The course addresses the usefulness and range of the crime genre as an appropriate focus for the acquisition of the skills (in research, critical analysis, and written expression) peculiar to English studies, as well as a form of social and political critique. It will particularly concentrate on the last two centuries of the representations of crime, detection, confession, and punishments, assaying major trends and preoccupations present in a range of texts and theories. Within a general contextual examination of engagements between these facets, the development of genre forms and concerns will be considered, especially because the genre often speculates the fears and desires of its time in ways that likewise shape wider perceptions of crime and punishment. Students will be expected to read a range of key material, including a small selection of novels, some short fiction, theoretical writings and visual texts that should represent differences and similarities in representation and subject choice that writers and directors negotiate.

P: Any 15 points at 100 level from CULT or ENGL, or any 60 points at 100 level from the Schedule V of the BA.

R: ENGL352; CULT252; CULT352

EQ: CULT252

ENGL302 Rebels, Devils and Cannibals: Literature and the Origins of Modernity

30 Points 0.2500 EFTS

Not offered in 2022

Examining a range of literary texts in English from the late sixteenth to the early eighteenth centuries, ENGL202/302 focuses on how the chosen works represent and are shaped by the first glimmerings of modern forms of culture and consciousness.

P: Any 30 points at 200 level from ENGL, or any 60 points at 200 level from the Schedule V of the BA.

R: ENGL202

ENGL304 Drama: Nineteenth and Twentieth Centuries

30 Points 0.2500 EFTS

Not offered in 2022

An analysis of modern plays from a number of societies in terms of naturalism, gender, self-awareness, dramaturgy and the "death of tragedy".

P: 15 points of ENGL at 200-level with a B pass, or 30 points of ENGL at 200-level, or any 45 points at 200-level from the Arts Schedule.

ENGL305 European Novels and Film Adaptations

30 Points 0.2500 EFTS

A study of important European novels and their film adaptations.

P: Any 30 points at 200 level from CINE, ENGL, EURA, or RUSS, or any 60 points at 200 level from the Schedule V of the BA.

R: EULC204, EULC304, EURA204, EURA304, CINE214, RUSS215, RUSS216

EQ: EURA304

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

ENGL305-22S1 (C) Semester 1

ENGL306 Science, Technology and Literature

30 Points 0.2500 EFTS

This course will particularly concentrate on the last two centuries of intersections between science, technology and literature, assaying major trends and preoccupations present in a range of texts and theories. Within a general examination of literature's engagements, the development of science fiction forms and concerns will be considered, especially because of the way that the genre often speculates the fears and desires of its time onto both futuristic settings and "alternate realities". Students will be expected to read a range of key material, including a small selection of novels, some short fiction, theoretical writings and visual texts.

P: Any 30 points at 200 level from ENGL, or any 60 points at 200 level from the Schedule V of the BA.

R: ENGL206

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

ENGL306-22S2 (C) Semester 2**ENGL306-22S2 (D) Semester 2****ENGL313 Scream Theory: The Changing Face of Fear**

30 Points 0.2500 EFTS

Not offered in 2022

This course examines shifting representations of the fearful, monstrous and abject in visual culture and popular culture more generally. Emphasis is placed on sociocultural, feminist and postmodern interpretations of horror themes in American, Japanese and New Zealand contexts.

P: Any 30 points at 200 level from CULT or ENGL, or any 60 points at 200 level from the Schedule V of the BA.

R: AMST313, CULT317, AMST413, ENGL413, CULT417

EQ: CULT317

ENGL315 The Twentieth Century Novel

30 Points 0.2500 EFTS

Not offered in 2022

A comparative study of eight novels in English that reflect or have helped to shape our sense of what Isaiah Berlin called "this most terrible century in Western history". The course will examine the notion that the breakdown of families, hierarchies and nineteenth century imperial certainties contributed to the proliferation of parodic, subversive, and dystopian novels as the twentieth century progressed.

P: Any 30 points at 200 level from ENGL, or any 60 points at 200 level from the Schedule V of the BA.

ENGL316 New Zealand Literature 3

30 Points 0.2500 EFTS

Not offered in 2022

A course which is designed to follow ENGL 210 (New Zealand Literature 2), examining in depth the ways in which New Zealand literature can be written about. The course consists of four units, each of which addresses a specific critical context.

P: Any 30 points at 200 level from ENGL, or any 60 points at 200 level from the Schedule V of the BA.

ENGL317 Special Topic: Modern Poetry

30 Points 0.2500 EFTS

Not offered in 2022

This course introduces students to the high points and key parts of modern and contemporary poetry in English from W.B. Yeats to the present day, focusing on some of the major writers, movements and anthologies, and including figures from Britain, Ireland, the United States and New Zealand. Plenty of attention will be paid to individual poems.

P: Any 30 points at 200 level from ENGL, or any 60 points at 200 level from the Schedule V of the BA.

R: ENGL434

ENGL318 Reading Animals: Beast Fables to Graphic Novels

30 Points 0.2500 EFTS

Not offered in 2022

This course explores the role of imagery and narrative in constituting historical and contemporary conceptions of 'animality' and speciesism across a range of texts and media (including bestiaries, folklore and mythology; popular cooking shows and 'foodie' books; wildlife documentaries; contemporary and activist art; science fiction and graphic novels; and animal biographies).

P: Any 30 points at 200 level from CULT or ENGL, or any 60 points at 200 level from the Schedule V of the BA.

R: CULT335

EQ: CULT 335

ENGL332 Sexualities in Culture

30 Points 0.2500 EFTS

This course analyses representations and models of 'normal' and 'abnormal' sexuality as these occur in sexuality, psychiatry, self-help psychology, cinema and popular culture, and queer activism.

P: Any 30 points at 200 level from CULT or ENGL, or any 60 points at 200 level from the Schedule V of the BA.

R: AMST332, CULT303, GEND307, GEND211

EQ: CULT303

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

ENGL332-22S1 (C) Semester 1**ENGL333 The Exotic**

30 Points 0.2500 EFTS

Not offered in 2022

A course addressing the concept of the exotic as a category of taste and feeling through which to explore the politics and history of literatures in English. Exoticism will be considered via four main sub-categories: primitivism, orientalism, the marvellous and the introduced. A range of texts from the seventeenth to the twenty-first centuries will be studied, deriving from locations as diverse as Britain, Africa, the Indian Subcontinent, Latin America, the Caribbean and the Pacific.

P: Any 30 points at 200 level from CULT or ENGL, or any 60 points at 200 level from the Schedule V of the BA.

R: ENGL307, CULT307, CULT333

EQ: CULT333

ENGL345 Reading Digitally: Electronic Texts in Literary Culture

30 Points 0.2500 EFTS

Not offered in 2022

Digital technologies have influenced literary reading and writing at every level, including how we author, publish, distribute, read and study texts. This course equips students with skills for reading and writing in the digital age via a wide-ranging exploration of new media literatures, literature in relation to software cultures, changes to reading practices and cognition, and recent digital research tools and methods. The course will introduce students to new software and some technical concepts, but no special skills or knowledge are required.

P: Any 30 points at 200 level from DIGI or ENGL, or any 60 points at 200 level from the Schedule V of the BA.

R: DIGI301

EQ: DIGI301

ENGL349 From Bambi to Kong: The Animal in Popular Culture

30 Points 0.2500 EFTS

This course provides an introduction to human-animal studies through an analysis of cinematic representations of animals and the environment across horror and science fiction genres, animation, comedy and documentary.

P: Any 30 points at 200 level from CULT or ENGL, or any 60 points at 200 level from the Schedule V of the BA.

R: ENGL243, AMST236, CULT206, GEND213, AMST331, GEND311

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

ENGL349-22S2 (C) Semester 2**ENGL350 Creative Writing Masterclass: Special Topics in Creative Writing**

30 Points 0.2500 EFTS

Not offered in 2022

This course teaches a special topic in creative writing varying from year to year and is offered by a distinguished practitioner in the area.

P: Any 30 points at 200 level from ENGL, or any 60 points at 200 level from the Schedule V of the BA.

ENGL352 Crime Stories

30 Points 0.2500 EFTS

Not offered in 2022

The course addresses the usefulness and range of the crime genre as an appropriate focus for the acquisition of the skills (in research, critical analysis, and written expression) peculiar to English studies, as well as a form of social and political critique. It will particularly concentrate on the last two centuries of the representations of crime, detection, confession, and punishments, assaying major trends and preoccupations present in a range of texts and theories. Within a general contextual examination of engagements between these facets, the development of genre forms and concerns will be considered, especially because the genre often speculates the fears and desires of its time in ways that likewise shape wider perceptions of crime and punishment. Students will be expected to read a range of key material, including a small selection of novels, some short fiction, theoretical writings and visual texts that should represent differences and similarities in representation and subject choice that writers and directors negotiate.

P: Any 30 points at 200 level from CULT or ENGL, or any 60 points at 200 level from the Schedule V of the BA.

R: ENGL252; CULT252; CULT352

PACE395 Internship

30 Points 0.2500 EFTS

What can you do with your major? With your degree? The purpose of the internship course is to explore both the ideological and practical assumptions guiding this question. The course is designed to be a critical, theoretical and "real-world" examination of the practices and ideologies inherent in both community and business organisations. You will apply the analytical skills acquired through your major, and through class seminars and readings, to a project designed by a local company or community group. Please check out the website for further information and specific project descriptions: www.arts.canterbury.ac.nz/internships

P: 150 points, special application and interview, and permission of the Internship Director.

R: ARTS395

EQ: ARTS395

Domestic Fee: \$1,570 (2021)

International Fee: \$7,000 (2021)

PACE395-21SU2 (C) Summer (Nov 21)**PACE395-22A (C) Starts Anytime****PACE395-22S1 (C) Semester 1****PACE395-22S2 (C) Semester 2**

Limited entry. See limitation of entry regulations. A student will be selected for a specific project. Only students accepted for projects will be allowed into the course. Please go to <http://www.arts.canterbury.ac.nz/internships> for more information.

Postgraduate

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

ENGL408 Screen Shakespeare

30 Points 0.2500 EFTS

Not offered in 2022

This course focuses upon film adaptations of several of Shakespeare's plays, and will examine how the transition from literary text to screen changes and re-interprets Shakespeare's work for different purposes.

P: Subject to approval of the Head of Department.

R: CINE420

EQ: CINE420

ENGL410 Picture (Im)Perfect: Utopia and Dystopia in Literature

30 Points 0.2500 EFTS

Utopia is a term coined by Sir Thomas More in the sixteenth century, a play on Greek for both "no place" and a "good place", setting up an imaginative projection of an idealised socio-political "place". Alongside the domain of the ideal, there is an equally compelling tradition of projecting dystopian visions: the "dark mirror" of the writers' concerns. The focus of the course is both on texts and theories surrounding these trends in envisioning the desires and anxieties of particular cultures and individuals, examining treatises, fantasies, essays and other speculative fiction. Plotting an historical course through this domain, we will also be questioning the shifting ideals represented, and the kinds of social and political positioning engendered in the shifts. While students will be expected to read a number of key texts in the thematic "genres" of utopian or dystopian subjects, and relevant theory, there will also be sufficient opportunity to view other examples and map out the differences and similarities in representation that different choices of texts negotiate.

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

ENGL410-22S2 (C) Semester 2**ENGL411 Intersectionalities: Humans, Animals and Otherness**

30 Points 0.2500 EFTS

In recent years, scholars in the Humanities have broadened out from a narrow focus on knowledge about "the human" and begun to investigate wider aspects of the nonhuman material world - especially the relationships between human culture, animals, environments and ecologies. These tendencies - variously labeled Ecocriticism, Zoöcriticism, Anthrozoology and Human-Animal Studies - are now generating some of the most vigorous and compelling work by researchers in Humanities disciplines. ENGL411 offers an in-depth examination of key areas of this new interdisciplinary field.

P: Subject to approval of the Head of Department.

R: CULT418

EQ: CULT418

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

ENGL411-22S2 (C) Semester 2**ENGL412 'A Small Good Thing': The Short Story in the Old World and the New**

30 Points 0.2500 EFTS

The first theorist of the short story, Edgar Allan Poe, famously defined the form as something one might peruse at a single sitting. Like a poem, thought Poe, the story ought to achieve a 'unity of effect or impression', a kind of transient but intense excitement. Henry James saw in the form's brevity the 'science of control'; and while some readers enthused about the form's commitment to the moment, the event, the epiphany, others saw only a symptom of cultural fragmentation. This course examines the history and characteristics of the short story as it has been developed in the European and American traditions. More specifically, the course focuses

on the relationship of the short story to some of the most persuasive ideas of modernity. Students will have an opportunity to read and place in context such greats of the form as Anton Chekov, Mark Twain, Nikolai Gogol, Poe, Flannery O'Connor, Ernest Hemingway, Raymond Carver, Alice Munro and David Foster Wallace. As the course progresses we will make our way through movements such as romanticism, modernism and postmodernism - all of which define themselves in relation to modernity - concluding with a selection of some of the most exciting new writers working in America.

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

ENGL412-22S1 (C) Semester 1**ENGL419 Special Topic: Digital Literary Studies**

30 Points 0.2500 EFTS

Not offered in 2022

P: Subject to approval of the Head of Department.

R: ENGL317

ENGL421 Modern Poetry

30 Points 0.2500 EFTS

Not offered in 2022

This course examines in depth the work of W.B. Yeats. In order to provide a context for this study, the poetry of Ezra Pound and T.S. Eliot will also be surveyed. In the final part of the course students will have the option of studying more recent poets.

P: Subject to approval of the Head of Department.

ENGL427 New Zealand Literature: Recent Writing

30 Points 0.2500 EFTS

Not offered in 2022

A course which addresses the issues involved in conducting original research in New Zealand literature. The focus is on New Zealand literary theory, and on skills for gathering information.

P: Subject to approval of the Head of Department.

ENGL431 Young Adult Fiction

30 Points 0.2500 EFTS

Not offered in 2022

An examination of the varied genres of young adult fiction and its construction as a commodity with a specific niche market.

P: Subject to approval of the Head of Department.

ENGL442 Directed Reading and Writing

30 Points 0.2500 EFTS

English 442 provides an opportunity for BA(Honours) and first-year MA students to study areas of interest not otherwise available as 400-level courses. Students work independently under the direction of an academic staff member. They are required to read prescribed primary and secondary materials, to undertake assigned research tasks, and to produce two or more essays or other written exercises (with a total length of about 10,000 words). Interested students must contact the Supervisor of Honours Students well in advance of the start of semester.

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

ENGL442-22S1 (C) Semester 1**ENGL442-22S2 (C) Semester 2****ENGL444 Women/Theory/Film**

30 Points 0.2500 EFTS

This course investigates the changing place of women in film: as a glamorised spectacle and cultural commodity, as spectators and consumers, and also as creators and theorists.

P: Subject to approval of the Head of Department.

R: FREN444, GEND413, TAFS406, CINE401

EQ: FREN444

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

ENGL444-22S1 (C) Semester 1**ENGL445 The Essay Film**

30 Points 0.2500 EFTS

Not offered in 2022

This course studies the essay film, a hybrid genre which troubles conventional distinctions between documentary and fiction, as the model for a new mode of critical practice.

P: Subject to approval of the Head of Department.

English Language

ENGL480 Research Essay

30 Points 0.2500 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

ENGL480-22S1 (C) Semester 1

ENGL480-22S2 (C) Semester 2

ENGL481 Creative Writing Project

30 Points 0.2500 EFTS

Not offered in 2022

The Creative Writing Project provides an opportunity for B.A. (Honours) and first-year M.A. students, particularly those who have completed some or all of the undergraduate creative writing pathway, to undertake an extended creative project under supervision. This may take the form of a long story, a group of stories, a collection of poems, a short play, or another form to be negotiated.

P: Subject to approval of the Head of Department.

ENGL650 MA Dissertation

60 Points 0.5000 EFTS

MA Dissertation

P: Subject to the approval of the Head of Department.

Domestic Fee: \$3,610 (2021)

International Fee: \$16,500 (2021)

ENGL650-22A (C) Starts Anytime

ENGL650-22S1 (C) Semester 1

ENGL650-22S2 (C) Semester 2

ENGL690 MA Thesis

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$7,220 (2021)

International Fee: \$33,000 (2021)

ENGL690-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval.

ENGL790 English PhD

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$7,220 (2021)

International Fee: \$33,000 (2021)

ENGL790-22A (C) Starts Anytime

*Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

English Language

School of Languages, Social and Political Sciences

ENLA101 The English Language

15 Points 0.1250 EFTS

This course introduces students to the study of the English language, its words, sounds and sentences. It also introduces the conceptual and analytical tools which linguists use to understand how languages are constructed.

R: ENGL123, ENGL112, LING111, LING101

EQ: LING101

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

ENLA101-22S1 (D) Semester 1

ENLA101-22S1 (C) Semester 1

ENLA102 Language and Society in New Zealand and Beyond

15 Points 0.1250 EFTS

What do babies know about language when they're born? And how do our experiences as we get older affect both how we use language and what we think about other people's language behaviour? Why, for example, do people think some languages, or some dialects, are 'better' than others? And is there any truth behind such beliefs? In this course we consider a range of research from the field of linguistics that addresses these and other questions. The role of language experience will emerge as a recurrent theme: the experience that the infant has with a particular language; how our early experience with language affects how we speak and how we listen, and how our beliefs about language are created and maintained in connection to other experiences in our social lives.

R: LING102

EQ: LING102

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

ENLA102-22S2 (C) Semester 2

ENLA210 Language Variation Across Space and Time

15 Points 0.1250 EFTS

Not offered in 2022

Languages are not fixed; they vary across physical and social space and change over generations. These patterns of variation and change can be understood by studying the linguistic and social factors which affect language use. This course is an introduction to the sociolinguistic study of language variation and change. We examine how language varies both across individuals (e.g. according to a speaker's regional origin, gender, social class, ethnicity and age) and within individuals (e.g. how speakers adjust their language in different contexts depending on the social message they want to convey). Our consideration will include a detailed study of patterns of language change, with attention to changes currently taking place in English and other languages around the world.

P: ENLA101 or LING101 or ENLA102 or LING102

R: LING203, LING210

EQ: LING210

ENLA310 Linguistic Research and New Zealand English

30 Points 0.2500 EFTS

The entire history of New Zealand English can be tracked in the Origin of New Zealand English corpus (ONZE), housed at the University of Canterbury. Using this extensive collection of spoken language, we can compare the accents of the very earliest New Zealand born settlers to those of contemporary speakers, to examine how New Zealand English has changed. This allows us to answer interesting questions not only about New Zealand English but also about language change in general. This course has a practical focus which will provide hands-on experience in the analysis of New Zealand English. Students are trained in sociolinguistic methodology and in how to use the ONZE corpus, and are given the opportunity to conduct their own piece of research on language variation and/or change in New Zealand.

P: LING206 or LING207 or LING210 or LING215 or LING216 or LING217 or ENLA210

R: LING310

EQ: LING310

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

ENLA310-22S2 (C) Semester 2

ENLA310-22S2 (D) Semester 2

ENLA320 History of English

30 Points 0.2500 EFTS

This course explores language variation and change, and illustrates these notions through a survey of the way in which English has varied and changed during its recorded history. It will look both at the social history of the language and the linguistic changes that have taken place over the last 1400 years.

P: LING101 or ENLA101.

R: LING320, LING220

RP: Any 200 level LING or ENLA course

EQ: LING320

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

ENLA320-22S1 (C) Semester 1

ENLA320-22S1 (D) Semester 1

PACE395 Internship

30 Points 0.2500 EFTS

What can you do with your major? With your degree? The purpose of the internship course is to explore both the ideological and practical assumptions guiding this question. The course is designed to be a critical, theoretical and "real-world" examination of the practices and ideologies inherent in both community and business organisations. You will apply the analytical skills acquired through your major, and through class seminars and readings, to a project designed by a local company or community group. Please check out the website for further information and specific project descriptions: www.arts.canterbury.ac.nz/internships

P: 150 points, special application and interview, and permission of the Internship Director.

R: ARTS395

EQ: ARTS395

Domestic Fee: \$1,570 (2021)

International Fee: \$7,000 (2021)

PACE395-21SU2 (C) Summer (Nov 21)

PACE395-22A (C) Starts Anytime

PACE395-22S1 (C) Semester 1

PACE395-22S2 (C) Semester 2

Limited entry. See limitation of entry regulations. A student will be selected for a specific project. Only students accepted for projects will be allowed into the course. Please go to <http://www.arts.canterbury.ac.nz/internships> for more information.

Environmental Science

Te Kura Matū | School of Physical and Chemical Sciences

ENVR101 Introduction to Environmental Science

15 Points 0.1250 EFTS

This course offers a general introduction to environmental science in an interdisciplinary context. The ENVR 101 course aims to build a knowledge platform and exposes students to the environmental problems and solutions of the modern era. Using an integrated approach across the chemical, biological, cultural and values/ethics aspects of environmental science, students will consider the problems and solutions across key topics including: Feeding the planet (Kai whenua and Kai Moana), Sustainable resource use and waste management, powering the planet, human health and environment, sustainable cities, and sustainable tourism. Students will learn through a combination of lectures and tutorials/workshops. Assessment will be via assignment, on-line quizzes and an exam.

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

ENVR101-22S1 (C) Semester 1

ENVR200 Special Topic: Environmental Science Work Experience

0 Points 0.0000 EFTS

Not offered in 2022

This course provides the means for students to complete the work integrated requirements for the BEnvSci (Hons). The requirements are completion of a health and safety quiz, a risk assessment, first aid competency, and one work report and self-review. These components are based on 400 hours of work experience related to Environmental Science.

P: Subject to approval of the Head of Department.

ENVR209 Environmental Science and Resource Management

15 Points 0.1250 EFTS

This course explores the debates and issues in environmental science and resource management around the core theme of agriculture and the environment. There is an emphasis on developing solutions to environmental issues. The course takes a quantitative approach to environmental issues, teaching students to make informed decisions that integrate biophysical data with policies and practices of management in New Zealand, and global, contexts. Students will learn to recognise patterns and processes in agricultural environments, and gain an understanding of how those patterns and processes influence, and are influenced by, resource management decisions. Students will develop an awareness of biculturalism in Aotearoa New Zealand as it applies to environmental issues associated with agriculture, recognising that Māori values may be distinct to regulatory guidelines regarding environmental quality. Mātauranga Māori aspects of agriculture and the environment will be covered.

P: (ENVR101 and GEOG106) or (GEOG110 and GEOG106) and 15 points of CHEM, GEOL or BIOL

R: GEOG206 and ENVR201

EQ: GEOG209

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

ENVR209-22S2 (C) Semester 2

ENVR210 Practical Environmental Science and Management

15 Points 0.1250 EFTS

This course provides field and practical skills for Environmental Scientists and Resource Managers through the investigation of environmental issues. Biophysical parameters including field sampling will be conducted as well as resource management techniques. The implications of the findings will be discussed in the context of Aotearoa New Zealand's resource management legislation.

P: (ENVR101 and GEOG106) and 15 points from CHEM111, CHEM114 or BIOL112

C: ENVR209/GEOG209

R: ENVR201 and GEOG206

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

ENVR210-22S2 (C) Semester 2

ENVR300 Environmental Science Work Experience

0 Points 0.0000 EFTS

This course provides the means for students to complete the work integrated requirements for the BEnvSci (Hons) degree programme. The requirements are completion of a health and safety quiz, an on-line module on professional practice, first aid competency, and one work report and self-review. These components are based on 400 hours of work experience related to Environmental Science. The goal of the course is to introduce students to Environmental Science in the workplace. At the end of the course students will have: -Completed basic first aid training. -Gained an understanding of the rights of employers and employees under the Health and Safety at Work Act (2015). -Gained an understanding of professional practice -Gained 400 hours of work experience related to Environmental Science.

P: Subject to the approval of the Director of Environmental Science

R: This course is restricted to students enrolled in the Bachelor of Environmental Science with Honours

Domestic Fee: \$0 (2021)

International Fee: \$0 (2021)

ENVR300-22A (C) Starts Anytime

ENVR301 Environmental Science: Cities and Coasts

30 Points 0.2500 EFTS

ENVR301 advances students' knowledge in environmental science focussing on coastal and urban areas. This course also develops professional skills required for environmental science including information management, working with communities, science communication, legal requirements and ethics.

P: ENVR201

Domestic Fee: \$1,851 (2021)

International Fee: \$9,125 (2021)

ENVR301-22S1 (C) Semester 1

ENVR302 Special Topic: Professional and Field Skills in Environmental Science

30 Points 0.2500 EFTS

Not offered in 2022

This project-based course develops the professional and field skills required for environmental science, including information management, working with communities, working in teams, science communication, legal requirements, and ethics.

P: Subject to approval of the Head of Department.

ENVR303 Special Topic: Environmental Toxicology

15 Points 0.1250 EFTS

Not offered in 2022

The course provides an overview of the frameworks and methodologies used to assess environmental effects and risks, including environmental impact assessments, environmental risk assessment, and the cultural health index. Students will undertake an assessment of environmental effects as part of this course. Risk communication is an important skill for Environmental Scientists. Through this course students will develop skills for effective risk communication to diverse audiences.

P: CHEM247, BIOL274

ENVR304 Special Topic: Challenges in Environmental Science

15 Points 0.1250 EFTS

Not offered in 2022

This course advances students' knowledge in environmental science through the lens of addressing the challenges of resourcing rapid urbanisation and managing the waste streams produced. Topics covered will include environmental quality in urban environments, indigenous frameworks for assessing environmental quality, resourcing our cities (energy, water, consumer goods), coastal challenges and the impacts of waste streams (sewage, solid waste).

P: ENVR201

ENVR356 Field-focused Research Methods in Environmental Science

30 Points 0.2500 EFTS

This course links field-based learning and/or data collection with instruction in research methods and tutorials dedicated to working in research teams analysing, processing and interpreting data in the broad subject area of environmental science.

P: Enrolment in the Frontiers Abroad programme and Head of Department approval.

R: GEOL356. This course is not open to non-Frontiers Abroad students

RP: Completion of course(s) at home institution in the broader field of Earth Systems Science and Environmental Science and Studies.

Domestic Fee: \$1,851 (2021)

International Fee: \$9,125 (2021)

ENVR356-22X (C) 04 July 2022 - 13 Nov 2022

ENVR356-22S2 (C) Semester 2

Limited entry. See limitation of entry regulations.

Postgraduate

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

ENVR410 Concepts and Principles of Environmental Science

15 Points 0.1250 EFTS

Basic concepts and principles in environmental science.

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

ENVR410-22S1 (C) Semester 1

ENVR411 Case Studies in Environmental Science

15 Points 0.1250 EFTS

Application of basic concepts in environmental science to understanding land, air and water processes, their interactions, and their management.

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

ENVR411-22S2 (C) Semester 2

ENVR414 Current Issues in Environmental Chemistry

15 Points 0.1250 EFTS

This course comprises current issues in environmental chemistry. Examples include emerging contaminants, stable isotopes as tracers, air quality, global climate change, drinking water, contaminated land, radiochemistry, acid mine drainage and toxicology.

P: CHEM324 or ENCN281 or equivalent study

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

ENVR414-22S2 (C) Semester 2**ENVR415 Special Topic: Assessing and Communicating Environmental Effects and Risks**

15 Points 0.1250 EFTS

Not offered in 2022

The course provides an overview of the frameworks and methodologies used to assess environmental effects and risks, including environmental impact assessments, environmental risk assessment, and the cultural health index. Students will undertake an assessment of environmental effects as part of this course. Risk communication is an important skill for Environmental Scientists. Through this course students will develop skills for effective risk communication to diverse audiences.

P: Subject to approval of the Head of Department.

ENVR480 Research Project

30 Points 0.2500 EFTS

A written report on a research project on a topic in interdisciplinary environmental science approved by the Co-ordinator. The report must be completed and presented to the Registrar no later than 1 November in the year in which the student presents the written courses.

P: Subject to approval of the Head of Department.

Domestic Fee: \$2,168 (2021)

International Fee: \$10,000 (2021)

ENVR480-22W (C) Whole Year (S1 and S2)**ENVR480-22CY (C) Cross Year****ENVR690 MSc Thesis**

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$8,172 (2021)

International Fee: \$40,000 (2021)

ENVR690-22A (C) Starts Anytime*Part-time enrolment (0.65 EFTS) is available on approval.***ENVR790 Environmental Science PhD**

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$8,172 (2021)

International Fee: \$40,000 (2021)

ENVR790-22A (C) Starts Anytime

*Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

European and European Union Studies

*Te Kura Mātāpuna Tangata | School of Language, Social and Political Sciences***EURA101 Global EUrope**

15 Points 0.1250 EFTS

What is the European Union? How important is it in Global Affairs? Why is the EU expanding? What lead to the BREXIT vote and what influence will it have? Through the use of traditional and online teaching methods, this course introduces students to the identity, structure and function of the EU, its key challenges and its role and impact on the world, particularly in the Asia-Pacific region.

R: EURO101

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

EURA101-22S1 (C) Semester 1**EURA101-22S1 (D) Semester 1****EURA104 European Languages in Europe and Beyond**

15 Points 0.1250 EFTS

Not offered in 2022

This is a one semester course for students undertaking a first year course in European languages or European studies, and is open to all undergraduates irrespective of their discipline. It covers a range of topics relating to the languages of Europe: how they developed and spread as a group of languages, as isolates, or the way in which (inter) national languages of Europe developed. The

course also looks at the place languages take in the European Union, and how the construction of Europe insists on protecting language diversity. No knowledge of languages other than English is needed to take this course.

R: LING104, EULC104, EURO104

EQ: LING104

EURA201 European Identity and Culture: Multicultural Societies of Europe and the European Union

15 Points 0.1250 EFTS

This course looks at the social and cultural impacts of European integration. Employing a multidisciplinary perspective, this course aims to answer a set of questions: What are the key issues confronting the European Union (EU) and its citizens? How do current issues facing the EU - immigration multi-cultural and multi-lingual society, religious and political diversity - influence the motivation behind integration? The course examines the notions of Europe and the EU and the roles of individual, national and supranational identities in the EU's interactions with its citizens and the world. There is an emphasis on interactive discussions, small group activities and access to experts in the field.

P: Any 15 points at 100 level from EURA, or any 60 points at 100 level from the Schedule V of the BA.

R: EURA 301, EURO 201, EURO 301

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

EURA201-22S2 (C) Semester 2**EURA201-22S2 (D) Semester 2****EURA204 European Novels and Film Adaptations**

15 Points 0.1250 EFTS

A study of important European novels and their film adaptations.

P: Any 15 points at 100 level from CINE, ENGL, EURA, or RUSS, or any 60 points at 100 level from the Schedule V of the BA.

R: CINE 214, ENGL 305, EULC 204, EULC 304, EURA 304, RUSS 215, RUSS 216

EQ: CINE 214

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

EURA204-22S1 (C) Semester 1**EURA210 European Integration from Community to Union**

15 Points 0.1250 EFTS

The course is designed to introduce students to the process of European Integration that has transformed post-1945 Europe and seen the European Union emerge as a new global power. The course draws on an interdisciplinary approach and is focused on policy analysis and case studies.

P: Any 15 points at 100 level from EURA or GEOG, or any 60 points at 100 level from the Schedule V of the BA.

R: EURA310, EURO210, EURO310, GEOG321

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

EURA210-22S1 (C) Semester 1**EURA211 Classic Works in Political Philosophy - Machiavelli to Marx**

15 Points 0.1250 EFTS

Not offered in 2022

This course is an introduction to the history of political philosophy. It will focus on a number of topics including Machiavelli's The Prince, early modern constitutionalism, the invention of the modern state, the theory of sovereignty, political reason, the origins of social science, liberty and utilitarianism. The individual theorists who will be discussed include Bodin, Filmer, Locke, Hume, Burke, Bentham, and, Tocqueville, Marx & Mill.

P: Any 15 points at 100 level from EURA, PHIL, or POLS, or any 60 points at 100 level from the Schedule V of the BA.

R: POLS201; PHIL239

EQ: POLS201; PHIL239

EURA214 The Soviet Experiment and its Aftermath

15 Points 0.1250 EFTS

The emphasis is on Russia's 20th century Communist experience and its many legacies in the fast-changing post-Soviet society. Together we will examine the causes of the Bolshevik Revolution and the greatest social experiment in the history of humankind that followed it. The course will explore the roots of Stalinism, the causes and consequences of Soviet victory over Nazi Germany in World War II, the space race and other Cold War competitions between the superpowers, Gorbachev's reforms and the collapse of the USSR. Was the end of the Communist rule in the Soviet Union predetermined?

P: Any 15 points at 100 level from EURA, HIST, or RUSS, or any 60 points at 100 level from the Schedule V of the BA.

R: RUSS 218, RUSS 318, HIST 274, HIST 374

EQ: RUSS 218, HIST 274

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

EURA214-22S2 (C) Semester 2

EURA221 The European Union and the Wider World

15 Points 0.1250 EFTS

Not offered in 2022

Students will be introduced to the range of EU external relations, to some of the key patterns in those relations, and to some of the specific relationships and policy areas that give substance to the EU's international actions. The focus is on issues of 'geo-economics' and political economy, and political/security issues will also be dealt with.

P: Any 15 points at 100 level from EURA, or any 60 points at 100 level from the Schedule V of the BA.

R: EURO 221

EURA223 The EU, Globalization and Migration

15 Points 0.1250 EFTS

Not offered in 2022

This course addresses international migration as one of the most pressing and formative issues which shape both European integration, and the relationships of Europe with the rest of the world. It addresses the economic, social, political and policy aspects of international migration in the changing EU and global contexts. The course has particular resonance for students in New Zealand, a country whose society has substantially been shaped by migration to and from Europe and the rest of the world.

P: Any 15 points at 100 level from EURA or GEOG, or any 60 points at 100 level from the Schedule V of the BA.

R: GEOG 213, EURO 223

EQ: GEOG213

EURA224 Democratic and Economic Evolution of Europe

15 Points 0.1250 EFTS

This course is designed to provide sufficient knowledge and understanding of recent economic developments and democratisation processes in Europe as a whole and within the EU as an institution. It will examine the institutional and policy changes that have happened since the European "reunification" in 1989, but significant attention will be paid to the economic and political history of the continent also.

P: Any 15 points at 100 level from EURA or POLS, or any 60 points at 100 level from the Schedule V of the BA.

R: POLS224, EURO224, EURO324, EURA324

EQ: POLS224

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

EURA224-22S1 (C) Semester 1

EURA226 The Rise and Fall of Communism in Central and Eastern Europe, 1944 - 1991

15 Points 0.1250 EFTS

Not offered in 2022

The end of the Cold War and of Eastern European communism in 1989-1991 did not mean the loss of global interest in developments in the former communist countries of Central and Eastern Europe. On the contrary, the recent history of these countries, the period of their post-communist transition to political democracy and a market economy, has been marked with new instabilities, crises and wars which have had serious implications for global trends. This course is designed to provide a broad background to an understanding of the political, socio-economic, and cultural developments in the former communist countries of Central and Eastern Europe as an essential prerequisite to understanding the modern world.

P: Any 15 points at 100 level from EURA or HIST, or any 60 points at 100 level from the Schedule V of the BA.

R: EURA 326, EURO 226, EURO 326, HIST 269, HIST 329

EQ: HIST269

EURA234 European Foreign Policy in the 21st Century

15 Points 0.1250 EFTS

This course focuses on how the EU, and its member states, are adapting to an international role in the 21st century. The course will critically examine the institutions of EU foreign and security policy, the creation of the Common Security and Defence Policy (CSDP) and the increasing number of civilian and military crisis management operations. The course assesses the EU's emergent strategy and strategic culture and strands of its foreign policy in action. Particular attention is given to EU development policy, the EU's engagement with the Sustainable Development Goals, EU trade policy, as well as how the EU engages with other world powers such as the US, Russia and China.

P: Any 15 points at 100-level from EURA or POLS, OR any 60 points at 100-level from Schedule V of the BA.

R: POLS234

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

EURA234-22S1 (C) Semester 1

EURA234-22S1 (D) Semester 1

EURA235 Tsardom to Empire: Russian History 1480 to 1917

15 Points 0.1250 EFTS

Not offered in 2022

This course explores aspects of social, political, economic, cultural, religious, and intellectual history of Russia prior to 1917, with a particular emphasis on the autocratic tradition as developed from 1480 onwards. The course also investigates the making of the Russian Empire while

also examining ways in which political forces unique to Russia shaped the country's cultural specificity in the European context.

P: Any 15 points at 100 level from EURA, HIST, or RUSS, or any 60 points at 100 level from the Schedule V of the BA.

R: HIST138, RUSS111, HIST235, HIST335, RUSS235, RUSS335, EURA235, EURA335

RP: HIST136 or HIST137 or HIST133

EQ: RUSS235, HIST235

EURA301 European Identity and Culture: Multicultural Societies of Europe and the European Union

30 Points 0.2500 EFTS

This course looks at the social and cultural impacts of European integration. Employing a multidisciplinary perspective, this course aims to answer a set of questions: What are the key issues confronting the European Union (EU) and its citizens? How do current issues facing the EU - immigration multi-cultural and multi-lingual society, religious and political diversity - influence the motivation behind integration? The course examines the notions of Europe and the EU and the roles of individual, national and supranational identities in the EU's interactions with its citizens and the world. There is an emphasis on interactive discussions, small group activities and access to experts in the field.

P: Any 30 points at 200 level from EURA, or any 60 points at 200 level from the Schedule V of the BA.

R: EURA201, EURO201, EURO301

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

EURA301-22S2 (C) Semester 2

EURA301-22S2 (D) Semester 2

EURA304 European Novels and Film Adaptations

30 Points 0.2500 EFTS

A study of important European novels and their film adaptations.

P: Any 30 points at 200 level from CINE, ENGL, EURA, or RUSS, or any 60 points at 200 level from the Schedule V of the BA.

R: ENGL 305, EURA 204, EULC 204, EULC 304, RUSS 215, RUSS 216, CINE214

EQ: ENGL 305

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

EURA304-22S1 (C) Semester 1

EURA310 European Integration from Community to Union

30 Points 0.2500 EFTS

The course is designed to introduce students to the process of European Integration that has transformed post-1945 Europe and seen the European Union emerge as a new global power. The course draws on an interdisciplinary approach and is focused on policy analysis and case studies.

P: Any 30 points at 200 level from EURA or GEOG, or any 60 points at 200 level from the Schedule V of the BA.

R: EURA 210, EURO 210, EURO 310, GEOG 320 (prior to 2005), GEOG 321 (from 2005)

EQ: GEOG321

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

EURA310-22S1 (C) Semester 1

EURA311 European Union Legal Studies

30 Points 0.2500 EFTS

Not offered in 2022

The course is designed to give non-lawyers a grounding in the basics of the European Legal System and its importance to the operation of the European Union. Topics to be examined will include the constitution of the European Union, the role of the European Court of Justice and the implications of European Union Law on domestic political and legal structures. Students will have the opportunity to examine these issues through deeper research-led examination of particular policy areas and constitutional structures.

P: Any 30 points at 200 level from EURA or LAWS, or any 60 points at 200 level from the Schedule V of the BA.

R: EURO 311, LAWS 355

EURA324 Democratic and Economic Evolution of Europe

30 Points 0.2500 EFTS

This course is designed to provide sufficient knowledge and understanding of recent economic developments and democratisation processes in Europe as a whole and within the EU as an institution. It will examine the institutional and policy changes that have happened since the European "reunification" in 1989, but significant attention will be paid to the economic and political history of the continent also.

P: Any 30 points at 200 level from EURA or POLS, or any 60 points at 200 level from the Schedule V of the BA.

R: EURO 224, EURO 324, EURA 224, POLS 224

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

EURA324-22S1 (C) Semester 1

EURA326 The Rise and Fall of Communism in Central and Eastern Europe, 1944 - 1991

30 Points 0.2500 EFTS

Not offered in 2022

The end of the Cold War and of Eastern European communism in 1989-1991 did not mean the loss of global interest in developments in the former communist countries of Central and Eastern Europe. On the contrary, the recent history of these countries, the period of their post-communist transition to political democracy and a market economy, has been marked with new instabilities, crises and wars which have had serious implications for global trends. This course is designed to provide a broad background to an understanding of the political, socio-economic, and cultural developments in the former communist countries of Central and Eastern Europe as an essential prerequisite to understanding the modern world.

P: Any 30 points at 200 level from EURA or HIST, or any 60 points at 200 level from the Schedule V of the BA.

R: EURA 226, EURO 226, EURO 326, HIST 269, HIST 329

EQ: HIST329

EURA333 European Public Law

30 Points 0.2500 EFTS

Not offered in 2022

This course examines the constitutional and administrative structures of selected EU Member States and the EU itself. It focusses on their practical operation and the rules and principles that govern decision making in the European Union with a particular emphasis on how European policy is delivered and how individuals interact with the complex multi-level structure of European governance today. The course includes an examination of the EU's external relations and its impact on the Pacific region. This course is the first of its kind in New Zealand supported by the European Commission's Jean Monnet programme.

P: Any 30 points at 200 level from EURA or LAWS, or any 60 points at 200 level from the Schedule V of the BA.

R: EURO 333, LAWS 388

EQ: LAWS388

EURA335 Tsardom to Empire: Russian History 1480 to 1917

30 Points 0.2500 EFTS

Not offered in 2022

This course explores aspects of social, political, economic, cultural, religious, and intellectual history of Russia prior to 1917, with a particular emphasis on the autocratic tradition as developed from 1480 onwards. The course also investigates the making of the Russian Empire while also examining ways in which political forces unique to Russia shaped the country's cultural specificity in the European context.

P: Any 30 points at 200 level from EURA, HIST, or RUSS, or any 60 points at 200 level from the Schedule V of the BA.

R: HIST138, HIST235, HIST335, RUSS111, RUSS235, RUSS335, EURA235, EURA335

EQ: RUSS335, HIST335

EURA339 The Economics of European Integration

15 Points 0.1250 EFTS

Since the Treaty of Rome in 1957, the European Union (EU) has grown from a small customs union with six member states to become the largest integrated market in the world, with 28 members, more than 500 million citizens and a combined gross domestic product larger than that of the United States. This course provides an economic analysis of the processes and policies, which have driven Europe's economic and political integration, exploring the implications of a single market in which goods and services, labour and capital can move freely.

P: Any 30 points at 200 level from ECON or EURA, or any 60 points at 200 level from the Schedule V of the BA.

R: EURO 339, ECON 339.

RP: ENGL 117 or an essay-based course.

EQ: ECON 339

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

EURA339-22SU1 (D) Summer (Jan 22)

EURA339-22SU1 (C) Summer (Jan 22)

PACE395 Internship

30 Points 0.2500 EFTS

What can you do with your major? With your degree? The purpose of the internship course is to explore both the ideological and practical assumptions guiding this question. The course is designed to be a critical, theoretical and "real-world" examination of the practices and ideologies inherent in both community and business organisations. You will apply the analytical skills acquired through your major, and through class seminars and readings, to a project designed by a local company or community group. Please check out the website for further information and specific project descriptions: www.arts.canterbury.ac.nz/internships

P: 150 points, special application and interview, and permission of the Internship Director.

R: ARTS395

EQ: ARTS395

Domestic Fee: \$1,570 (2021)

International Fee: \$7,000 (2021)

PACE395-21SU2 (C) Summer (Nov 21)

PACE395-22A (C) Starts Anytime

PACE395-22S1 (C) Semester 1

PACE395-22S2 (C) Semester 2

Limited entry. See limitation of entry regulations. A student will be selected for a specific project. Only students accepted for projects will be allowed into the course. Please go to <http://www.arts.canterbury.ac.nz/internships> for more information.

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European Studies

National Centre for Research on Europe

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

EURO401 The Idea of Europe and European Integration

30 Points 0.2500 EFTS

The goal of this multidisciplinary course is to encompass the diversity of academic insights into the process of European integration, providing students with an appreciation for the historical context of integration and an understanding for the political, social, economic and cultural factors that influence the way in which the EU functions today. The course concentrates on Europe of the 21st century; however, some, earlier historical context is also provided where necessary. The course calls on the wide variety of recognized expertise existing in NZ and internationally.

P: Subject to approval of the NCRE Director.

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

EURO401-22CY (C) Cross Year

EURO402 The EU in Europe and in the World: The EU's External Identities

15 Points 0.1250 EFTS

The EU is increasingly an international actor in trade negotiations, world security issues, development aid and environmental policy. The course questions how the rest of the world views the Union in these roles is juxtaposed with the way the EU sees itself as an international actor. This is a course where students can gain unique perspectives in what the EU means for the Asia-Pacific and wider world and look at the question of how outsiders define what Europe is and what it stands for.

P: Subject to approval of the NCRE Director.

R: EURO402 before 2014

Domestic Fee: \$969 (2021)

International Fee: \$4,125 (2021)

EURO402-22S2 (C) Semester 2

EURO402-22S2 (D) Semester 2

EURO407 Special Topic

30 Points 0.2500 EFTS

Not offered in 2022

P: Subject to approval of the NCRE Director.

EURO409 The EU and "Europeanisation" of Europe

15 Points 0.1250 EFTS

This course examines the importance of the EU as a promoter of peace, democracy and economic prosperity in the European continent and its neighbourhood. As an honours course, it strongly encourages individual student application of research through self-study methods and regular participation in seminar discussions.

P: Subject to approval of the NCRE Director.

Domestic Fee: \$969 (2021)

International Fee: \$4,125 (2021)

EURO409-22S1 (C) Semester 1

EURO409-22S1 (D) Semester 1

EURO415 Challenges of Post-Communism

15 Points 0.1250 EFTS

Not offered in 2022

This interdisciplinary course examines the economic, political and socio-cultural challenges and dilemmas of post-communist transition in the countries of East Central and Eastern Europe. While the focus is on the examination and comparison of developments in East Central European, Baltic and Balkan states, the major development trends in the non-Baltic post-Soviet states will be considered as well. As an honours course, it strongly encourages individual student application of research through self-study methods and regular participation in seminar discussions.

P: Subject to approval of the NCRE Director.

R: EURO407 before 2014; EURO409 before 2014;

EURO420 Nationalism and ethnic conflict in Post-Soviet Space

30 Points 0.2500 EFTS

Not offered in 2022

Following the ideological bankruptcy of Soviet internationalism, ethnic clashes and tensions have swept across the expanses of the former USSR, fostering new nationalistic discourse and new cultural expressions of ethnic awareness. This course studies the historical and ideological roots and current manifestations of nationalism and ethnic conflict in Russia and the former Soviet republics.

P: Subject to approval of the NCRE Director.

R: RUSS412, DIPL415

EQ: RUSS412, DIPL415

EURO428 Rights and Realities: EU in the Asia Pacific

15 Points 0.1250 EFTS

Not offered in 2022

The European Union and human rights discourses in the Asia-Pacific Region.

P: Subject to approval of the NCRE Director.

R: EURO318

EURO448 Issues in Modern European History

30 Points 0.2500 EFTS

This course focuses on some of the most important and controversial debates in the historiography of modern Europe. Students will be encouraged to explore these debates in detail, to consider the historiographical context within which these debates have taken place, and to arrive at their own views based on their extensive research in primary and secondary sources.

P: Subject to approval of the NCRE Director.

R: HIST449, DIPL428

EQ: HIST449, DIPL428

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

EURO448-22S1 (C) Semester 1**EURO456 European Business Law**

15 Points 0.1250 EFTS

Not offered in 2022

This course examines the legal framework for the conduct of business in the European Community as well as the wider implications of the role played in international trade by the EC as a trading power. The course analyses in detail the mechanisms for the creation and maintenance of the single market within the EC. To this end it considers the critical areas of free movement of goods, persons, services, economic enterprises (establishment) and capital as well as the contingent issues of taxation and harmonisation.

P: Subject to approval of Head of Department

R: ACCT656

EQ: ACCT656

EURO457 European Foreign and Security Policy

15 Points 0.1250 EFTS

This course examines current European Union foreign policy activities which include peace and reconciliation; a growing security role for Europe in terms of an autonomous EU military capacity; and an international diplomatic role.

P: Subject to approval of the NCRE Director.

R: EURO410, DIPL426 before 2014, DIPL420

Domestic Fee: \$969 (2021)

International Fee: \$4,125 (2021)

EURO457-22S1 (C) Semester 1**EURO457-22S1 (D) Semester 1****EURO458 EU Development Policy**

15 Points 0.1250 EFTS

This course examines current European Union Development policy and addresses humanitarian and poverty initiatives, the implementation of the Millennium Development Goals, trade preferences as well as the growing securitization of Development under the EEAS.

P: Subject to approval of the NCRE Director.

R: EURO410, DIPL426 before 2014, DIPL421

Domestic Fee: \$969 (2021)

International Fee: \$4,125 (2021)

EURO458-22S1 (C) Semester 1**EURO458-22S1 (D) Semester 1****EURO479 Navigating Research: Research Training and Methods**

15 Points 0.1250 EFTS

A course in research training and methods for European Union Studies.

P: Subject to approval of the NCRE Director.

R: EURO480

Domestic Fee: \$969 (2021)

International Fee: \$4,125 (2021)

EURO479-22S2 (C) Semester 2**EURO479-22S2 (D) Semester 2****EURO480 Research Topic**

30 Points 0.2500 EFTS

This core course in the EURO Honours programme will consist of two parts – the first semester will feature a course work in research training and methods and the second semester will cover more intensive individual research and writing of the Honours dissertation.

P: Subject to approval of the NCRE Director.

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

EURO480-22CY (C) Cross Year**EURO482 European Studies Internship Course**

15 Points 0.1250 EFTS

A professional internship placement.

P: Subject to approval of the NCRE Director.

Domestic Fee: \$969 (2021)

International Fee: \$4,125 (2021)

EURO482-22A (C) Starts Anytime**EURO482-22A (D) Starts Anytime****EURO482-22S2 (C) Semester 2****EURO483 Research Topic Part A**

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the NCRE Director.

EURO484 Research Topic Part B

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the NCRE Director.

EURO650 MA Dissertation

60 Points 0.5000 EFTS

MA Dissertation

P: Subject to approval of the Head of Department.

Domestic Fee: \$3,610 (2021)

International Fee: \$16,500 (2021)

EURO650-22A (C) Starts Anytime**EURO650-22S1 (C) Semester 1****EURO650-22S2 (C) Semester 2****EURO690 MA Thesis**

120 Points 1.0000 EFTS

P: Subject to approval of the NCRE Director.

Domestic Fee: \$7,220 (2021)

International Fee: \$33,000 (2021)

EURO690-22A (C) Starts Anytime*Part-time enrolment (0.65 EFTS) is available on approval.***EURO692 MEuro Thesis**

90 Points 0.7500 EFTS

A research course.

C: EURO479

Domestic Fee: \$5,415 (2021)

International Fee: \$24,750 (2021)

EURO692-22A (C) Starts Anytime**EURO790 European Studies PhD**

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$7,220 (2021)

International Fee: \$33,000 (2021)

EURO790-22A (C) Starts Anytime

*Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Evolutionary Biology

Te Kura Pūtaiao Koiora | School of Biological Sciences

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

EVOL480 Project

30 Points 0.2500 EFTS

A written report on a research project approved by the Head of School of Biological Sciences. The report must be completed and presented by the due date in the year in which the student presents the courses selected from BIOL401 - BIOL493 (refer to degree schedule).

P: Entry is subject to the approval of Head of School

Domestic Fee: \$2,168 (2021)

International Fee: \$10,000 (2021)

EVOL480-22W (C) Whole Year (S1 and S2)

EVOL690 MSc Thesis

120 Points 1.0000 EFTS

P: Entry is subject to the approval of Head of School

Domestic Fee: \$8,172 (2021)

International Fee: \$40,000 (2021)

EVOL690-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval.

EVOL790 PhD Thesis

120 Points 1.0000 EFTS

P: Entry is subject to the approval of Head of School

Domestic Fee: \$8,172 (2021)

International Fee: \$40,000 (2021)

EVOL790-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.

Film

Te Kura Kōwaiwai | Ilam School of Fine Arts

FILM211 Film 2A

45 Points 0.3750 EFTS

Students will be introduced to developing technical competence in, and broad operational of, theoretical knowledge within the specialised studio discipline. Projects relating to the conventions and techniques of Film practice, participation in group meetings, critiques, reading groups and critical reflections, documentation of all work.

P: FINA103, or subject to approval of the Head of the School of Fine Arts. Entry to this course is limited.

Domestic Fee: \$2,675 (2021)

International Fee: \$12,938 (2021)

FILM211-22S1 (C) Semester 1

FILM212 Film 2B

45 Points 0.3750 EFTS

Students will continue the development of technical competence in, and broad operational of, theoretical knowledge within the specialised studio discipline. Projects relating to the conventions and techniques of Film practice, participation in group meetings, critiques, reading groups and critical reflections, documentation of all work.

P: FILM211, or subject to approval of the Head of the School of Fine Arts. Entry to this course is limited.

Domestic Fee: \$2,675 (2021)

International Fee: \$12,938 (2021)

FILM212-22S2 (C) Semester 2

FILM311 Film 3

90 Points 0.7500 EFTS

P: FILM212

Domestic Fee: \$5,351 (2021)

International Fee: \$25,875 (2021)

FILM311-22W (C) Whole Year (S1 and S2)

FILM411 Film 4

90 Points 0.7500 EFTS

P: FILM311

Domestic Fee: \$5,351 (2021)

International Fee: \$25,875 (2021)

FILM411-22W (C) Whole Year (S1 and S2)

Postgraduate

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

FILM601 Film

120 Points 1.0000 EFTS

P: Subject to approval of the Head of School.

Domestic Fee: \$7,900 (2021)

International Fee: \$37,500 (2021)

FILM601-22A (C) Starts Anytime

Finance

Department of Economics and Finance

FINC101 Personal Finance

15 Points 0.1250 EFTS

Personal financial literacy and decision making, including consumption and investment, debt, insurance, retirement and estate planning.

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

FINC101-22S1 (C) Semester 1

FINC201 Business Finance

15 Points 0.1250 EFTS

The core principles of the financial management of business firms.

P: (1) ACCT102; and (2) STAT101; and (3) a further 30 points

R: FINC202, AFIS204

RP: Students without a mathematics background equivalent to NCEA Level 2 should pass MATH 101 before enrolling in this course.

EQ: AFIS204

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

FINC201-22S1 (C) Semester 1

FINC201-22S2 (C) Semester 2

FINC203 Financial Markets, Institutions and Instruments

15 Points 0.1250 EFTS

Description and analysis of the financial system, focusing on financial markets (domestic and international), financial asset trading mechanisms, market efficiency, institutions (intermediaries) and instruments (stocks, bonds, hybrid securities including derivatives).

P: (1) STAT101; and (2) A further 45 points.

R: AFIS214

EQ: AFIS214

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

FINC203-22S1 (C) Semester 1

FINC205 Quantitative Finance

15 Points 0.1250 EFTS

Not offered in 2022

Introduction to personal finance using calculus and statistics: simple and compound interest; annuities and pensions; amortisation and mortgages; taxes; insurance; credit cards; stocks, bonds and risk.

P: (1) MATH102 or MATH199; and (2) STAT101

RP: MATH103

FINC301 Corporate Finance Theory and Policy

15 Points 0.1250 EFTS

The theoretical principles of corporate finance and their applications to business policy.

P: FINC201

C: FINC203

R: FINC354, AFIS304

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

FINC301-22S2 (C) Semester 2

FINC302 Applied Corporate Finance

15 Points 0.1250 EFTS

Not offered in 2022

Using problem and case-based situations to illustrate the analysis of various topics in corporate finance.

P: (1) FINC201 and FINC203; and (2) MATH101 or MATH102 or MATH199

Limited entry. See limitation of entry regulations.

FINC305 Financial Modelling

15 Points 0.1250 EFTS

The main purpose of this course is to combine a deeper understanding of selected topics in corporate finance and portfolio models with spreadsheet skills at an appropriate level for financial analysts. This course makes extensive use of EXCEL.

P: (1) FINC201; and (2) MATH101 or MATH102 or MATH199

C: FINC203 or MATH103

R: FINC616

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

FINC305-22S1 (C) Semester 1

Limited entry. See limitation of entry regulations.

FINC308 Applied Financial Analysis and Valuation

15 Points 0.1250 EFTS

The use and application of accounting information to financial problems.

P: FINC201

C: FINC203

R: FINC394 and AFIS314

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

FINC308-22S2 (C) Semester 2

FINC311 Investments

15 Points 0.1250 EFTS

The theoretical principles of investments and their applications to investment policy.

P: (1) FINC201; and (2) MATH101 or MATH102 or MATH199

C: FINC203 or MATH103

R: FINC364, AFIS314

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

FINC311-22S1 (C) Semester 1

FINC312 Derivative Securities

15 Points 0.1250 EFTS

An introduction to the use, analysis and pricing of derivative securities, including options, futures and swaps.

P: (1) FINC201; and (2) MATH101 or MATH102 or MATH199

C: FINC203 or MATH103

R: FINC612

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

FINC312-22S1 (C) Semester 1

FINC316 Fixed Income Securities

15 Points 0.1250 EFTS

Not offered in 2022

This course is an introduction to the theoretical and practical aspects of fixed income investing. Topics covered include features and valuation of debt instruments, yield spreads and measures, term structure of interest rates, and measurement of interest rate risk.

P: (1) FINC201 and FINC203; and (2) MATH102 or MATH199

RP: FINC205

FINC323 Time Series Methods

15 Points 0.1250 EFTS

Not offered in 2022

Analysis of sequentially collected data including data modelling and forecasting techniques.

P: (1) ECON 213; and (2) ECON 207 or FINC 205; and (3) MATH 102

R: STAT317, ECON323

EQ: ECON 323, STAT 317

FINC331 Financial Economics

15 Points 0.1250 EFTS

The economics of finance, with applications to asset valuation, corporate finance, and portfolio management.

P: (1) ECON207; and (2) FINC201; and (3) MATH102 or MATH199

R: ECON331

RP: FINC205 or MATH103

EQ: ECON331

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

FINC331-22S2 (C) Semester 2

FINC344 International Finance

15 Points 0.1250 EFTS

This course provides an understanding of the fundamental concepts and issues in international finance. It develops a "tool-kit" of common approaches and applies it to many real-world examples in international finance. We cover topics such as the foreign exchange markets and exchange rate systems, balance of payments, international arbitrage and interest rate parity, exchange rate determination and forecasting, measuring and managing exchange rate risk, international debt and equity financing, currency derivatives, interest rate and currency swaps, and financial crises.

P: ECON206 or FINC201 or FINC203

R: FINC315, ECON344, ECON210

RP: 15 points in MATH or Year 13 Math with Calculus

EQ: ECON344

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

FINC344-22S2 (C) Semester 2

FINC345 The Economics of Risk and Insurance

15 Points 0.1250 EFTS

Not offered in 2022

This course analyses the nature and problem of risk and uncertainty and consumers' preferences regarding risk and risk taking. It examines the basic principles of risk and insurance, and the description of the characteristics of main types of insurance (both life and general). The course includes an introduction to the structure and operation of insurance markets (both local and international), and the function of insurance firms within the financial system. It covers the general principles of insurance underwriting and pricing, claims management and claims reserving process within the regulatory regime of the insurance industry.

P: ECON 207

RP: ECON 208

EQ: ECON345

FINC390 Internship or Consultancy Project

15 Points 0.1250 EFTS

An internship or consultancy project is an opportunity to experience a professional work environment. Internships or projects taken for credit are usually unpaid. You are expected to develop a good understanding of a sector, market or organisation. The work you submit will show an application of the tools, ideas or concepts of finance. You will be required to reflect critically on the requirements of transitioning from an academic to a work environment and the skills valued in a professional workplace. As these are finance placements, priority is given to finance majors.

P: (1) FINC201 and FINC203 (2) Subject to approval of the Head of Department

R: ECON390, ARTS395, PACE395

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

FINC390-22S1 (C) Semester 1

FINC390-22S2 (C) Semester 2

Postgraduate

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

FINC608 Applied Financial Analysis and Valuation

15 Points 0.1250 EFTS

The use and application of accounting information to financial problems.

P: Subject to approval of Head of Department

R: FINC 308

EQ: FINC 308

Domestic Fee: \$1,009 (2021)

International Fee: \$3,975 (2021)

FINC608-22S2 (C) Semester 2

FINC610 Studies in Capital Markets

15 Points 0.1250 EFTS

Studies in Capital Markets

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,009 (2021)

International Fee: \$3,975 (2021)

FINC610-22S1 (C) Semester 1

FINC610-22S2 (C) Semester 2

FINC612 Derivatives Securities

15 Points 0.1250 EFTS

This course provides an introduction to financial derivative securities. The main focus of the course will be on derivatives such as forwards, futures, swaps and options. The purpose of this course is to equip students with knowledge about these products, i.e., how they are priced, valued, and how they can be used for arbitraging, speculation and hedging purposes.

P: (1) Subject to Approval in BCom(Hons) (Finance), MCom (Finance) or MAFE; and (2) FINC201; and (3) FINC203

R: FINC312

Domestic Fee: \$1,009 (2021)

International Fee: \$3,975 (2021)

FINC612-22S1 (C) Semester 1**FINC613 Studies in Capital Markets II**

15 Points 0.1250 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,009 (2021)

International Fee: \$3,975 (2021)

FINC613-22S1 (C) Semester 1**FINC613-22S2 (C) Semester 2****FINC614 Investments**

15 Points 0.1250 EFTS

This course examines investments and portfolio management from both a theoretical and practical perspective. Emphasis is placed on the development of the skills and competencies required to succeed as an investment professional, especially those related to investment analysis and portfolio formation and management. Topics covered include portfolio and capital market theory, asset pricing, equity valuation, efficient markets theory, portfolio creation, and other aspects of portfolio management.

P: Subject to approval of Head of Department

R: FINC 311

EQ: FINC 311

Domestic Fee: \$1,009 (2021)

International Fee: \$3,975 (2021)

FINC614-22S1 (C) Semester 1**FINC616 Financial Modelling**

15 Points 0.1250 EFTS

Application of spreadsheet tools to financial decision-making and analysis

P: Subject to approval of the Head of Department

R: FINC305

EQ: FINC305

Domestic Fee: \$1,009 (2021)

International Fee: \$3,975 (2021)

FINC616-22S1 (C) Semester 1**FINC618 Financial Economics**

15 Points 0.1250 EFTS

The economics of finance with applications to asset valuation, corporate finance, and portfolio management. FINC 618 students will be expected to apply advanced theories to these concepts.

P: Subject to approval of Head of Department

R: FINC 331

EQ: FINC 331

Domestic Fee: \$1,009 (2021)

International Fee: \$3,975 (2021)

FINC618-22S2 (C) Semester 2**FINC621 Advanced Corporate Finance**

15 Points 0.1250 EFTS

Not offered in 2022

An examination of modern research in corporate finance and investment, including cost of capital and real options.

P: Subject to approval of the Head of Department.

RP: FINC301, FINC331 or ECON331

FINC622 Advanced Financial Economics

15 Points 0.1250 EFTS

Not offered in 2022

This course examines modern research in financial economics. Topics covered include risk, portfolio theory, asset allocation, and multi-period asset pricing.

P: Subject to approval of the Head of Department.

FINC623 Advanced Derivative Securities

15 Points 0.1250 EFTS

Detailed analysis of complex derivative securities, including valuation, hedging, speculation, arbitrage and risk management.

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,009 (2021)

International Fee: \$3,975 (2021)

FINC623-22S2 (C) Semester 2**FINC624 Asset Pricing**

15 Points 0.1250 EFTS

Not offered in 2022

An examination and analysis of theories and applications of asset pricing.

P: Subject to approval of the Head of Department.

FINC625 Empirical Finance

15 Points 0.1250 EFTS

Not offered in 2022

An introduction to time-series and event-study methods used in empirical finance research.

P: Subject to approval of the Head of Department.

FINC626 Topics in International Financial Markets

15 Points 0.1250 EFTS

Not offered in 2022

This course will focus on international financial markets, specifically including recent financial crises.

P: Subject to approval of the Head of Department.

FINC627 Applied Financial Management

15 Points 0.1250 EFTS

Not offered in 2022

Topics in applied financial management.

P: Subject to approval of the Head of Department

FINC628 Risk Analysis

15 Points 0.1250 EFTS

Not offered in 2022

The measurement and analysis of risk for financial and non-financial institutions.

P: Subject to approval by Head of Department

FINC629 Credit Risk Management

15 Points 0.1250 EFTS

Management of Credit Risks

P: Subject to approval of the Head of Department

Domestic Fee: \$1,009 (2021)

International Fee: \$3,975 (2021)

FINC629-22S2 (C) Semester 2**FINC641 Monetary Economics: Theory**

15 Points 0.1250 EFTS

This course surveys a number of important topics in monetary theory. A few topics such as the implementation of monetary policy in New Zealand draw heavily on microeconomics. The lectures cover topics ranging from asymmetric information in credit markets to the term structure of interest rates. The topical nature of the course is brought out by a discussion of the causes and consequences of currency crises, foreign exchange market intervention, and the recent drive towards currency unions.

P: Subject to approval of the Head of Department.

R: ECON641

EQ: ECON641

Domestic Fee: \$1,009 (2021)

International Fee: \$3,975 (2021)

FINC641-22S2 (C) Semester 2**FINC643 Advanced International Finance**

15 Points 0.1250 EFTS

This course introduces students to selected relevant topics in international finance. It will familiarize students with the analytical techniques needed to understand different theoretical issues and evaluate the empirical performance of the models. The main topics covered in this course are exchange rate movements, current account determination, foreign exchange intervention and volatility, sovereign debt and crisis, financial development, financial liberalization and international capital flows, currency crisis, banking system stability and systemic risk, and the role of international institutions like the IMF.

P: Subject to approval of the Head of Department.

R: ECON 643

RP: ECON 344 or FINC 344

EQ: ECON 643

Domestic Fee: \$1,009 (2021)

International Fee: \$3,975 (2021)

FINC643-22S1 (C) Semester 1

FINC649 Financial Distress

15 Points 0.1250 EFTS

Not offered in 2022

This course examines modern research in corporate financial distress. Topics covered include distress identification, the link between distress and macroeconomic conditions, and financial bubbles.

P: Subject to approval of the Head of Department.

R: ACCT625, ACIS625, AFIS625, FINC653,

EQ: ACIS625, ACCT625

FINC650 Corporate Governance

15 Points 0.1250 EFTS

Corporate governance theory and practice. Topics include: Corporate governance in New Zealand, Australia, and around the world; Theories of corporate governance; The board of directors and its committees; Director and executive remuneration; Corporate governance scandals; and Stakeholders.

P: Subject to approval by the Head of Department

R: ACCT624

EQ: ACCT624

Domestic Fee: \$1,009 (2021)

International Fee: \$3,975 (2021)

FINC650-22S2 (C) Semester 2

FINC679 Internship or Consultancy Project

15 Points 0.1250 EFTS

An internship or consultancy project is an opportunity to experience a professional work environment. You are expected to develop a good understanding of a sector, market or organisation. The work you submit will show an application of the tools, ideas or concepts of finance. You will be required to reflect critically on the requirements of transitioning from an academic to a work environment and the skills valued in a professional workplace. You will also need to provide a critical analysis of the work undertaken.

P: Subject to Head of Department approval

R: ECON679

Domestic Fee: \$929 (2021)

International Fee: \$4,138 (2021)

FINC679-21SU2 (C) Summer (Nov 21)

FINC679-22S1 (C) Semester 1

FINC679-22S2 (C) Semester 2

FINC680 Research Project

30 Points 0.2500 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$2,018 (2021)

International Fee: \$7,950 (2021)

FINC680-22W (C) Whole Year (S1 and S2)

FINC691 MCom Dissertation

60 Points 0.5000 EFTS

P: Subject to approval of the Head of Department. Admission may be subject to meeting a sufficient standard in previous coursework.

R: FINC680

Domestic Fee: \$3,779 (2021)

International Fee: \$15,900 (2021)

FINC691-22A (C) Starts Anytime

FINC694 MCom Thesis

90 Points 0.7500 EFTS

MCom Thesis

P: Subject to approval of the Head of Department

Domestic Fee: \$5,669 (2021)

International Fee: \$23,850 (2021)

FINC694-22A (C) Starts Anytime

FINC695 MCom Thesis

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$7,558 (2021)

International Fee: \$31,800 (2021)

FINC695-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval.

FINC699 MSc Thesis

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$7,558 (2021)

International Fee: \$31,800 (2021)

FINC699-22A (C) Starts Anytime

FINC790 Finance PhD

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$7,558 (2021)

International Fee: \$31,800 (2021)

FINC790-22A (C) Starts Anytime

*Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, all international students pay the domestic fee for this course. International fees apply for all other courses.*

Finance and Economics

Department of Economics and Finance

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FIEC601 Quantitative Finance and Economics

15 Points 0.1250 EFTS

An intensive finance and economics course for students with the minimum entry requirement for the MAFE degree. The course reviews foundational content in skills and techniques in finance, microeconomics, and econometrics that students will likely be deficient in if they have met only the minimum pre-requisites. Students will become proficient in the use of math, or else the ability to evaluate the math, for finance and economics topics they would have seen in the undergraduate pre-requisite for entry to the programme.

P: Subject to approval of the Head of Department

Domestic Fee: \$1,009 (2021)

International Fee: \$3,975 (2021)

FIEC601-22SU1 (C) Summer (Jan 22)

FIEC675 Advanced Applications in Finance and Economics

45 Points 0.3750 EFTS

FIEC 675 is specific to the Master of Applied Finance and Economics (MAFE). It follows the completion of coursework and is a module based course with applied projects in topics such as time series forecasting, cost-benefit analysis, portfolio management and financial decision-making.

P: Subject to approval of the Head of Department

Domestic Fee: \$2,787 (2021)

International Fee: \$11,344 (2021)

FIEC675-21SU2 (C) Summer (Nov 21)

Financial Engineering

Department of Economics and Finance

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

FENG601 Applications of Financial Engineering

45 Points 0.3750 EFTS

Practical applications of financial engineering including Monte Carlo simulation, convex optimisation, and structural products and exotic derivatives. This course is a capstone course for the Master of Financial Engineering.

P: 135 points course work of Master in Financial Engineering

Domestic Fee: \$2,977 (2021)

International Fee: \$12,413 (2021)

FENG601-21SU2 (C) Summer (Nov 21)

Financial Management

Business Taught Masters Programme

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

MFIN601 Corporate Finance

15 Points 0.1250 EFTS

This course examines corporate finance theory and its application to practice with particular attention to how financial decisions affect firm value. A range of topics are covered including financial asset management, asset and project valuation, capital structure and dividend policy, corporate restructuring, and other contemporary issues in corporate finance.

P: MBAZ601 and MBAZ603

R: FINC301

Domestic Fee: \$1,252 (2021)

International Fee: \$3,975 (2021)

MFIN601-22T2 (C) 16 May 2022 - 07 Aug 2022

Fine Arts

MFIN602 Investment Analysis and Portfolio Management

15 Points 0.1250 EFTS

This course examines theories of investment analysis and portfolio management and their application to practice with particular attention on how local firms manage their investments and risk in both the domestic and international markets. A range of topics are covered including equity and debt investments, derivatives, exchange rates, and alternative investments as well as other contemporary issues in portfolio and wealth management.

P: MBAZ601 and MBAZ603;

R: FINC311, FINC312

Domestic Fee: \$1,252 (2021)

International Fee: \$3,975 (2021)

MFIN602-22T2 (C) 16 May 2022 - 07 Aug 2022

MFIN603 Financial Management

15 Points 0.1250 EFTS

This course examines theories of financial management and their application to practice with particular attention to how accounting standards and taxation policies affect financial decision-making. A range of topics are covered including international accounting standards, financial reporting and analysis, taxation policies and tax planning, financial risk management, corporate governance, culture and ethics in the world of finance, and other contemporary issues in financial management.

C: MBAZ601, MBAZ603

Domestic Fee: \$1,252 (2021)

International Fee: \$3,975 (2021)

MFIN603-22T1 (C) 31 Jan 2022 - 24 Apr 2022

MFIN670 Applied Research in Financial Management

45 Points 0.3750 EFTS

Not offered in 2022

This course consists of four modules in which students will undertake applied research projects. The modules are: Business in New Zealand; Cases in Financial and Management Accounting; Portfolio Management; Financial Decision-making.

P: Subject to the approval of the Programme Director.

R: FIEC675

MFIN671 Business in Aotearoa New Zealand

15 Points 0.1250 EFTS

This course will provide students with a general understanding of business in New Zealand including Māori organisations. Students will undertake applied research on a business in New Zealand. The course will cover a range of historic and contemporary issues.

P: MBAZ601, MBAZ604.

R: FIEC675, MFIN670

Domestic Fee: \$1,252 (2021)

International Fee: \$3,975 (2021)

MFIN671-22T3 (C) 29 Aug 2022 - 20 Nov 2022

MFIN672 Cases in Financial and Management Accounting

15 Points 0.1250 EFTS

This course provides students with an understanding of contemporary issues in financial and management accounting, and then undertake applied research on a business in New Zealand that is facing a specific issue in financial and/or management accounting. A representative of a local business will present the specific issue to the class and then the students - acting as professional consultants - will research possible solutions to the issue and present their findings to the representative. Students will be expected to apply concepts and theories in financial management to the business under study.

P: MPAC603, MBAZ604

Domestic Fee: \$1,252 (2021)

International Fee: \$3,975 (2021)

MFIN672-22T1 (C) 31 Jan 2022 - 24 Apr 2022

MFIN673 Portfolio Management

15 Points 0.1250 EFTS

The course focuses on building up the knowledge and the skills required for the construction and management of investment portfolio. The portfolios of assets such as stocks and bonds will be considered. The course provides the tools necessary to evaluate and critique the potential and realized performance of portfolio and investments and to the trade-off between risk and return.

P: MFIN601; AND MFIN602; AND MBAZ604

Domestic Fee: \$1,252 (2021)

International Fee: \$3,975 (2021)

MFIN673-22T3 (C) 29 Aug 2022 - 20 Nov 2022

MFIN674 Financial Decision Making

15 Points 0.1250 EFTS

The purpose of MFIN674 is to enable students to develop and apply advanced theoretical and technical skills of financial decision making. Students will be required to provide sound decisions to a range of real world financial problems and then evaluate those decisions against success criteria. Findings will have to be presented in a way that is "client-ready" and accessible to a non-expert in financial management. Students will also achieve a Bloomberg certification as part of this course.

P: (1) MFIN601; (2) MFIN602; (3) MBAZ604

Domestic Fee: \$1,252 (2021)

International Fee: \$3,975 (2021)

MFIN674-22T3 (C) 29 Aug 2022 - 20 Nov 2022

Fine Arts

Te Kura Kōwaiwai | Ilam School of Fine Arts

FINA101 What is Practice?

30 Points 0.2500 EFTS

An introduction to studio practice across five fine arts disciplines.

P: Subject to approval of the Head of School. Entry to this course is limited.

Domestic Fee: \$1,784 (2021)

International Fee: \$8,625 (2021)

FINA101-22S1 (C) Semester 1

Limited entry. See limitation of entry regulations.

FINA102 Communities of Practice

15 Points 0.1250 EFTS

An introduction to communities of practice within the contemporary arts world.

P: Subject to approval of the Head of School. Entry to this course is limited.

Domestic Fee: \$892 (2021)

International Fee: \$4,313 (2021)

FINA102-22S1 (C) Semester 1

Limited entry. See limitation of entry regulations.

FINA103 Studio Practice

45 Points 0.3750 EFTS

An introduction to a selection of fine arts studio practices.

P: Subject to approval of the Head of School. Entry to this course is limited.

Domestic Fee: \$2,675 (2021)

International Fee: \$12,938 (2021)

FINA103-22S2 (C) Semester 2

Limited entry. See limitation of entry regulations.

Postgraduate

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

FINA450 Honours Research

120 Points 1.0000 EFTS

P: Subject to approval of the Head of School. Entry to this course is limited.

Domestic Fee: \$8,404 (2021)

International Fee: \$37,500 (2021)

FINA450-22W (C) Whole Year (S1 and S2)

Limited entry. See limitation of entry regulations.

FINA451 Honours Research A

60 Points 0.5000 EFTS

P: With the permission of the Head of the School of Fine Arts.

Domestic Fee: \$4,202 (2021)

International Fee: \$18,750 (2021)

FINA451-22W (C) Whole Year (S1 and S2)

Limited entry. See limitation of entry regulations.

FINA452 Honours Research B

60 Points 0.5000 EFTS

P: With the permission of the Head of the School of Fine Arts.

Domestic Fee: \$4,202 (2021)

International Fee: \$18,750 (2021)

FINA452-22W (C) Whole Year (S1 and S2)

Limited entry. See limitation of entry regulations.

Fire Engineering

Te Tari Pūhanga Metarahi, Rawa Taiao | Department of Civil and Natural Resources Engineering

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

ENFE601 Structural Fire Engineering

15 Points 0.1250 EFTS

Introduction to specific fire engineering design of buildings. Active and passive fire protection. Severity of post-flashover fires. Fire resistance of steel, concrete and timber structures.

P: ENGR403 or subject to approval of the Head of Department

R: ENCI661

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENFE601-22S1 (C) Semester 1

ENFE602 Fire Dynamics

15 Points 0.1250 EFTS

Introduction to heat transfer problems in fire engineering including steady state and transient conduction, convection and radiation. Fundamentals of burning objects from combustion chemistry, ignition, flame spread, flame heights and fire plumes.

P: ENGR403

EQ: ENCI663

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENFE602-22S1 (C) Semester 1

ENFE603 Fire Safety Systems

15 Points 0.1250 EFTS

Fire detection and alarm systems. Suppression systems. Fire extinguishment. Smoke control systems. Integration of fire safety systems with building services.

P: ENGR403 or subject to approval of the Head of Department

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENFE603-22X (C) 20 June 2022 - 13 Nov 2022

ENFE604 Fire Design Case Study

15 Points 0.1250 EFTS

Not offered in 2022

Specific fire engineering design of a case study building. Application of fire design computer models. Synthesis of life safety and property protection strategies.

P: ENGR403 or approval of the Head of Department

C: ENFE 610

ENFE605 Fire Safety Engineering Design

30 Points 0.2500 EFTS

Building fire safety legislation and design framework; Societal expectation of life safety and property protection; Prescriptive and performance-based fire engineering design approaches; Application of qualitative and quantitative fire engineering analysis.

P: ENGR403

C: ENFE601, ENFE602, ENFE603, ENFE610, ENFE615, ENFE618

Domestic Fee: \$2,266 (2021)

International Fee: \$11,250 (2021)

ENFE605-22X (C) 21 Feb 2022 - 27 Nov 2022

Limited entry. See limitation of entry regulations.

ENFE610 Advanced Fire Dynamics

15 Points 0.1250 EFTS

Fundamentals of compartment fires modelling from correlations to Computational Fluid Dynamics modelling. Basics of compartment fire dynamics from radiation enhanced combustion to ventilation limited burning. Application of computer fire modelling to compartment fires with BRISK (zone model) and FDS (CFD model).

P: ENGR403

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENFE610-22X (C) 20 June 2022 - 13 Nov 2022

ENFE613 Special Topic

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Head of Department.

ENFE614 Special Topic in Fire Engineering

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Head of Department.

ENFE615 Human Behaviour in Fire

15 Points 0.1250 EFTS

Examination and interaction of the individual with the fire-created environment. Behaviour of building occupants. How human behaviour issues are incorporated in building design.

P: ENGR403 or approval of Head of Department

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENFE615-22S1 (C) Semester 1

ENFE618 Advanced Structural Fire Engineering

15 Points 0.1250 EFTS

Major structural fire events and their implications; Material properties at elevated temperatures; Global modelling of structures in fire; Joints at elevated temperatures; Robustness of structures in fire

P: ENFE601, ENFE602

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENFE618-22S2 (C) Semester 2

Limited entry. See limitation of entry regulations.

ENFE675 Independent Course of Study

15 Points 0.1250 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENFE675-22S1 (C) Semester 1

ENFE675-22W (C) Whole Year (S1 and S2)

ENFE675-22S2 (C) Semester 2

ENFE681 Fire Project

15 Points 0.1250 EFTS

A fire engineering project to be undertaken within one of the Departments of Engineering.

P: Subject to approval of the Director of Studies.

Domestic Fee: \$1,114 (2021)

International Fee: \$5,500 (2021)

ENFE681-21SU2 (C) Summer (Nov 21)

ENFE681-22A (C) Starts Anytime

ENFE682 Fire Project

30 Points 0.2500 EFTS

A fire engineering project to be undertaken within one of the Departments of Engineering.

P: ENGR403

Domestic Fee: \$2,228 (2021)

International Fee: \$11,000 (2021)

ENFE682-21SU2 (C) Summer (Nov 21)

ENFE682-22A (C) Starts Anytime

ENFE683 Fire Project

45 Points 0.3750 EFTS

A fire engineering project to be undertaken within one of the Departments of Engineering.

P: Subject to approval of the Director of Studies.

Domestic Fee: \$3,342 (2021)

International Fee: \$16,500 (2021)

ENFE683-21SU2 (C) Summer (Nov 21)

ENFE683-22A (C) Starts Anytime

ENFE690 MEFES Thesis

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$8,697 (2021)

International Fee: \$45,000 (2021)

ENFE690-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval.

Forest Engineering

ENFE790 Fire Engineering PhD

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$8,697 (2021)

International Fee: \$45,000 (2021)

ENFE790-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.

Forest Engineering

Te Kura Ngahere | School of Forestry

FORE199 Workshop Training Course

0 Points 0.0000 EFTS

Compulsory workshop training course for Forest Engineering students.

P: Approval into the BE(Hons) Forest Engineering.

Domestic Fee: \$0 (2021)

International Fee: \$0 (2021)

FORE199-22W (C) Whole Year (S1 and S2)

ENFO204 Forest Measurement

15 Points 0.1250 EFTS

Forest mensuration and inventory, field survey techniques in plane surveying, related calculations and plotting.

P: Subject to approval of the Director of Studies, Forest Engineering.

R: FORE141, FORE216

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENFO204-22S2 (C) Semester 2

ENFO327 Wood Science

15 Points 0.1250 EFTS

A key management objective of forestry is the production of wood. The course provides the student with an understanding of the chemical and biological basis of the material properties of wood, how forestry can control these and the concept of wood quality. Reference will be made to how wood properties determine the suitability of a timber resource for certain wooden products.

P: Subject to approval of the Director of Studies, Forest Engineering

R: FORE327

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENFO327-22S2 (C) Semester 2

ENFO410 Forest Engineering Research

30 Points 0.2500 EFTS

Research methods and a major research project focussed on the application of engineering principles to the solution of a forest engineering problem. Project management principles, productivity study techniques and ergonomics will be taught within the scope of the course.

Research methods will include effective literature review, research design, data collection, analyses and reporting. Topic to be established in class with industry and student input.

P: Subject to approval of the Director of Studies, Forest Engineering.

Domestic Fee: \$2,174 (2021)

International Fee: \$11,250 (2021)

ENFO410-22W (C) Whole Year (S1 and S2)

ENFO491 Special Topic

15 Points 0.1250 EFTS

P: Subject to approval of the Director of Studies, Forest Engineering.

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENFO491-22S2 (C) Semester 2

ENFO492 Special Topic

15 Points 0.1250 EFTS

P: Subject to approval of the Director of Studies, Forest Engineering.

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENFO492-22S1 (C) Semester 1

ENFO499 Industry Field Programme

0 Points 0.0000 EFTS

Compulsory 3rd Pro Programme Field Trip. Students will be provided with details on location, timing and companies to be visited each year at commencement of 1st Semester.

P: Subject to approval of the Head of Department.

C: ENFO410

Domestic Fee: \$0 (2021)

International Fee: \$0 (2021)

ENFO499-22W (C) Whole Year (S1 and S2)

Postgraduate

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

ENFO790 Forest Engineering PhD

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$8,697 (2021)

International Fee: \$45,000 (2021)

ENFO790-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.

Forestry

Te Kura Ngahere | School of Forestry

FORE102 Forests and Societies

15 Points 0.1250 EFTS

The course explores the interactions between the world's forests and human societies, the benefits derived by humans and the need for forest management.

P: Head of Department approval to enrol required.

R: FORE101, FORE103, FORE104, FORE111, FORE121

Domestic Fee: \$1,002 (2021)

International Fee: \$5,063 (2021)

FORE102-22S1 (D) Semester 1

FORE102-22S2 (D) Semester 2

Only for those enrolling in the course by distance learning.

FORE105 Forests of the World

15 Points 0.1250 EFTS

Forests of the world, wood energy, conservation and environment.

R: FORE111, FORE121

Domestic Fee: \$986 (2021)

International Fee: \$4,938 (2021)

FORE105-21SU2 (D) Summer (Nov 21)

FORE105-22S1 (D) Semester 1

FORE105-22S2 (D) Semester 2

FORE111 Trees, Forests and the Environment

15 Points 0.1250 EFTS

The course explores the interaction between forests and people, linking forest types and locations to their products and services. We discuss sustainable forest management, the role of forestry tackling climate change and Treaty of Waitangi obligations.

R: FORE101, FORE102, FORE103, FORE104, FORE105, FORE121

Domestic Fee: \$1,002 (2021)

International Fee: \$5,063 (2021)

FORE111-22S1 (C) Semester 1

FORE131 Trees in the Landscape

15 Points 0.1250 EFTS

An introduction to trees and their environment. A basic understanding of environmental and climatic effects on trees will underpin methods of species selection, growing and maintaining trees and site specific management.

Domestic Fee: \$1,002 (2021)

International Fee: \$5,063 (2021)

FORE131-22S2 (C) Semester 2

FORE141 Forest Growth and Measurements

15 Points 0.1250 EFTS

Tree measurement. Stand variables. Growth and yield modelling. Sampling. Forest Inventory. Log measurement. Surveying and area measurement. Mapping and aerial photography. Introduction to global positioning systems (GPS) and geographic information systems (GIS).

Domestic Fee: \$1,002 (2021)

International Fee: \$5,063 (2021)

FORE141-22S2 (C) Semester 2

FORE151 Commercial Aspects of Forestry

15 Points 0.1250 EFTS

Evaluating forestry sector performance at the business and industry level. An introduction to the key commercial disciplines as they are applied to forestry. Understanding methods to assess the value of forests in providing timber and non-timber benefits. Identifying the strategic choices and issues facing the commercial forestry sector.

Domestic Fee: \$1,002 (2021)

International Fee: \$5,063 (2021)

FORE151-22S1 (C) Semester 1**FORE205 Introduction to Forest Engineering**

15 Points 0.1250 EFTS

History of logging and reasons for harvesting. Steps in the harvesting process; common equipment use in forest operations; machine capabilities and limitations. Developing harvesting systems, including ground-based, cable and helicopter. Introduction to harvest planning and forest roads; machine costing and system productivity. Environmental and safety aspects of forestry operations; the Resource Management Act and the Occupational Safety and Health Act. Forest hydrology; with a focus on minimising impacts of operations on water quality.

P: Subject to approval of the Chair Board of Studies

R: FORE305, ENFO343, FORE578

Domestic Fee: \$1,002 (2021)

International Fee: \$5,063 (2021)

FORE205-22S1 (C) Semester 1**FORE215 Introduction to Forest Economics**

15 Points 0.1250 EFTS

Forestry in the national economy. Forest industries, and forest accounting. Taxation and forestry. Forest valuation. Project appraisal, design and budgeting. Social economics.

P: FORE151 or ENGR101

Domestic Fee: \$1,002 (2021)

International Fee: \$5,063 (2021)

FORE215-22S2 (C) Semester 2**FORE218 Forest Biology**

30 Points 0.2500 EFTS

Systematic botany of forest trees and biology of New Zealand indigenous forest species. Principles of ecology with an emphasis on population, community and ecosystem factors affecting New Zealand's forests. Science and management of forest pests, disease, wind, fire, biosecurity and risk.

P: FORE111 and BIOL112; or subject to approval by the Chair Board of Studies.

R: FORE202

RP: BIOL 111 (BCHM 111), and/or BIOL 113, and/or BIOL 116

Domestic Fee: \$2,005 (2021)

International Fee: \$10,125 (2021)

FORE218-22S1 (C) Semester 1**FORE219 Introduction to Silviculture**

15 Points 0.1250 EFTS

Classical silviculture systems: autecology; stand development and stand dynamics. Applications of tree physiology to silviculture; environmental ecophysiology; tree/soil relationships. Propagation; tree breeding systems; seed orchards; clonal forestry; molecular techniques in tree breeding.

P: BIOL 112 and BIOL 113, or FORE 111, 131 and 141.

R: PAMS202, BIOL252, FORE214

Domestic Fee: \$1,002 (2021)

International Fee: \$5,063 (2021)

FORE219-22S2 (C) Semester 2**FORE222 Biometry 1a**

15 Points 0.1250 EFTS

A practical introduction to commonly used statistical methods, designed to increase the breadth of statistical skills. The emphasis is the application of statistical techniques to solve problems involving real data.

P: STAT101

R: STAT201, FORE210, STAT220, STAT222

Domestic Fee: \$1,002 (2021)

International Fee: \$5,063 (2021)

FORE222-22S1 (C) Semester 1**FORE224 Biometry 1b**

15 Points 0.1250 EFTS

To provide a practical introduction to the fundamentals of linear regression modelling, with emphasis on application to real data and problems.

P: STAT101

R: STAT202, FORE210, STAT220, STAT224

Domestic Fee: \$1,002 (2021)

International Fee: \$5,063 (2021)

FORE224-22S2 (C) Semester 2**FORE307 Plantation Silviculture**

30 Points 0.2500 EFTS

Plantation silviculture: species selection, genetic improvement, clonal forestry, establishment, manipulation of stand density harvesting impacts. Integrated decision making. Management for non-wood products.

R: ENFO307 prior to 2011, ENFO492 prior to 2011

Domestic Fee: \$2,005 (2021)

International Fee: \$10,125 (2021)

FORE307-22S1 (C) Semester 1**FORE316 Forest Management**

30 Points 0.2500 EFTS

Forest management as decision-making. Operations Research techniques for forest management. Information requirements for forest management planning. Stand level analysis. Forest estate level analysis. Integration of the forest estate with harvesting and marketing decisions. Human factors: role and style of leadership, communication, motivation, teamwork and problem solving.

R: ENFO316, FORE316-prior to 2011, FORE319, FORE320, ENFO491-prior to 2011.

Domestic Fee: \$2,005 (2021)

International Fee: \$10,125 (2021)

FORE316-22S2 (C) Semester 2**FORE327 Wood Science**

30 Points 0.2500 EFTS

A key management objective of forestry is the production of wood. The course provides the student with an understanding of the chemical and biological basis of the material properties of wood, how forestry can control these and the concept of wood quality. In the second part of the course we will introduce the students to the various wood processing industries, ranging from sawmilling over engineered wood products to pulping and biofuels. Reference will be made to the most suitable resource for individual products and how forest management can impact on the value of the timber.

R: ENFO327, FORE327 prior to 2011

Domestic Fee: \$2,005 (2021)

International Fee: \$10,125 (2021)

FORE327-22S2 (C) Semester 2**FORE342 Geospatial Science in Forest Monitoring and Management**

15 Points 0.1250 EFTS

This course explores the role and use of geospatial technologies in the context of vegetation management. Theory and practical application of geographic information system (GIS) software, global positioning system (GPS) technology, and remote sensing (e.g. satellite imagery, LIDAR) will be used to analyze and solve spatial problems in forests and other vegetated landscapes.

R: FORE442 prior to 2011

Domestic Fee: \$1,002 (2021)

International Fee: \$5,063 (2021)

FORE342-22S1 (C) Semester 1**FORE414 Dissertation**

30 Points 0.2500 EFTS

The student will undertake an individual investigation of a subject approved by the School of Forestry and will submit a dissertation on this topic by a date specified by the Dean of Engineering and Forestry.

P: Subject to approval of the Head of School of Forestry.

Domestic Fee: \$2,266 (2021)

International Fee: \$10,125 (2021)

FORE414-22W (C) Whole Year (S1 and S2)**FORE419 Management Case Study**

30 Points 0.2500 EFTS

Students, individually and in small groups, will make a comprehensive study of an actual management case and will produce and present a plan for the management of a specified forest or conservation area.

P: FORE316

Domestic Fee: \$2,266 (2021)

International Fee: \$10,125 (2021)

FORE419-22S1 (C) Semester 1**FORE419-22W (C) Whole Year (S1 and S2)****FORE422 Forest Harvest Planning**

15 Points 0.1250 EFTS

Harvest planning and analysis of harvesting systems. Machine capability and requirements. Impacts of terrain and stand variables on harvest systems. Ground-based planning including SKIDPC. Advanced cable yarding planning with CYANZ. Landing design and layout. Contract supervision and workforce management. Production planning and control systems.

P: FORE 205 (01 Jan 2010 - present) or FORE305 (01 Jan 2009 - present) or FORE305 (01 Jan 2009 - present)

R: ENFO422

Domestic Fee: \$1,133 (2021)

International Fee: \$5,063 (2021)

FORE422-22S1 (C) Semester 1

Forestry

FORE423 Forest Transportation and Road Design

15 Points 0.1250 EFTS

Evaluation and comparison of options for the transport of forest products. Review of soil engineering characteristics and low-cost methods to determine the bearing capacity of subgrade soils. Vehicle/road interaction. Legal regulations for heavy vehicles operating on New Zealand public roads. Forestry truck and trailer designs and their impact on load capacity and vehicle safety. Road design for forest roads and the design of low-cost water crossings and drainage structures. Application of RoadEng road design software. Cost estimation and contract management for road construction.

P: FORE205 or FORE305

R: ENFO423

Domestic Fee: \$1,133 (2021)

International Fee: \$5,063 (2021)

FORE423-22S2 (C) Semester 2

FORE426 Forest Products Marketing and International Trade

15 Points 0.1250 EFTS

World forest resources. Patterns of world trade, shipping and policies of international trade. Roles of international institutions in free trade and economic integration. Trade, aid and economic development with special reference to forestry and forest industries.

Domestic Fee: \$1,133 (2021)

International Fee: \$5,063 (2021)

FORE426-22S1 (C) Semester 1

FORE435 Forest Economics 2

15 Points 0.1250 EFTS

Project analysis, forest valuation, risk and uncertainty. Forestry as a business.

P: FORE215 or subject to approval of the Head of Department.

R: FORE211, FORE425

Domestic Fee: \$1,133 (2021)

International Fee: \$5,063 (2021)

FORE435-22S2 (C) Semester 2

FORE436 Forest Tree Breeding

15 Points 0.1250 EFTS

Review of tree breeding and conservation in the context of applied breeding programmes. The course connects elements of economics, quantitative genetics and tree multiplication practices for the design of tree improvement projects and the conservation of their genetic resources.

P: FORE 219, FORE222 and FORE224

R: FORE408 (2006-2007)

Domestic Fee: \$1,133 (2021)

International Fee: \$5,063 (2021)

FORE436-22S1 (C) Semester 1

FORE437 Special Topic: Advanced Wood Products Processing

15 Points 0.1250 EFTS

This course connects the fundamental wood science concepts to primary and secondary wood processing. Specifically, the course provides students with advance knowledge in processing of solid wood, wood-based composite, and modified wood products from the theoretical and practical aspects highlighting production yield, product evaluation, quality control management, manufacturing technology, and environmental impacts.

P: Subject to HOD approval

Domestic Fee: \$1,002 (2021)

International Fee: \$5,063 (2021)

FORE437-22S1 (C) Semester 1

FORE443 Biosecurity Risk Management

15 Points 0.1250 EFTS

Biological threats to New Zealand environment and primary industries with a focus on risk identification and management systems in Forestry.

R: BIOS201

Domestic Fee: \$1,133 (2021)

International Fee: \$5,063 (2021)

FORE443-22S2 (C) Semester 2

FORE447 Environmental Forestry

30 Points 0.2500 EFTS

New Zealand primary production systems; Ecosystem services from primary production systems; Cultural services provided by forests; Soil and water conservation and management; Biodiversity conservation and management; Policy, regulation, certification; Sustainable use of native forests for production; Management planning and monitoring.

P: Subject to approval to the Chair, Forestry Board of Studies

R: FORE444, FORE445, BIOL379

Domestic Fee: \$2,266 (2021)

International Fee: \$10,125 (2021)

FORE447-22S2 (C) Semester 2

FORE475 Independent Course of Study

15 Points 0.1250 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,002 (2021)

International Fee: \$5,063 (2021)

FORE475-22S1 (C) Semester 1

FORE475-22W (C) Whole Year (S1 and S2)

FORE475-22S2 (C) Semester 2

Postgraduate

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

FORE610 Research Methods

15 Points 0.1250 EFTS

The nature of the scientific method, planning research, defining objectives, writing proposals and workplaces, experimental design and analysis, statistical procedures using R, making inferences from analyses, drawing conclusions, scientific report writing.

P: Subject to approval by the Head of School

Domestic Fee: \$1,133 (2021)

International Fee: \$5,063 (2021)

FORE610-22S1 (C) Semester 1

FORE610-22S2 (C) Semester 2

FORE616 Restoration Ecology

30 Points 0.2500 EFTS

General principles of restoration ecology, assessment of restoration success; restoration planning; conservation in productive landscapes.

P: Subject to approval of the Head of Department.

Domestic Fee: \$2,266 (2021)

International Fee: \$10,125 (2021)

FORE616-22S2 (C) Semester 2

FORE618 Wood Quality

15 Points 0.1250 EFTS

A key management objective of forestry is the production of wood. The course provides the student with an understanding of the chemical and biological basis of the material properties of wood, how forestry can control these and the concept of wood quality. This course will have a focus on fast-growing short-rotation plantation species and tropical timber.

P: Subject to approval by the Head of School.

R: FORE327, ENFO327

Domestic Fee: \$1,133 (2021)

International Fee: \$5,063 (2021)

FORE618-22S2 (C) Semester 2

FORE619 Wood Processing

15 Points 0.1250 EFTS

This course introduces students to various wood processing industries, ranging from sawmilling over engineered wood products to pulping and biofuels. Reference will be made to the most suitable resource for individual products. Emphasis is given to fast-growing short-rotation plantation species and tropical timber.

P: Subject to approval by the Head of School

R: FORE327

Domestic Fee: \$1,133 (2021)

International Fee: \$5,063 (2021)

FORE619-22S2 (C) Semester 2

FORE624 Plantation Silviculture

30 Points 0.2500 EFTS

In-depth coverage of all aspects of plantation silviculture from seed production through to harvesting impacts, with emphasis on decision-making.

P: Subject to approval of the Head of Department.

R: FORE631

Domestic Fee: \$2,266 (2021)

International Fee: \$10,125 (2021)

FORE624-22S1 (C) Semester 1

FORE641 Plantation Forest Management

30 Points 0.2500 EFTS

Operations research techniques, Information requirements for forest management planning, Stand level analysis, Forest estate level analysis, Integration of the forest estate with manufacturing and marketing decisions, Risk & Uncertainty, Human factors.

P: Subject to approval by the Head of School.

R: FORE632, FORE633

Domestic Fee: \$2,266 (2021)

International Fee: \$10,125 (2021)

FORE641-22S2 (C) Semester 2

FORE642 Advanced IT Applications in Forestry and Natural Resource Management

15 Points 0.1250 EFTS

This course illustrates how information technology can be applied to a range of forestry and vegetation management problems. Students will develop geospatial technology skills applicable to a range of natural resource management and forestry disciplines. The course includes an emphasis on using cutting edge technologies like ArcGIS software, positioning technology, and image analysis, which are of value to forest and natural resource management.

P: Subject to approval of Head of School

R: FORE342

Domestic Fee: \$1,133 (2021)

International Fee: \$5,063 (2021)

FORE642-22S1 (C) Semester 1**FORE643 Modelling for Forest Management**

15 Points 0.1250 EFTS

Approaches to modelling forest growth and yield. Compatible taper and volume functions. Difference equations. Modelling distributions and fitting functions. Estate simulation. Linear programming applications.

P: Subject to approval by the Head of School

Domestic Fee: \$1,133 (2021)

International Fee: \$5,063 (2021)

FORE643-22S1 (D) Semester 1**FORE643-22S2 (D) Semester 2****FORE672 Special Topic: Research Project**

60 Points 0.5000 EFTS

Not offered in 2022

P: Subject to approval of the Head of Department.

FORE675 Independent Course of Study

30 Points 0.2500 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$2,266 (2021)

International Fee: \$10,125 (2021)

FORE675-22S1 (C) Semester 1**FORE675-22W (C) Whole Year (S1 and S2)****FORE675-22S2 (C) Semester 2****FORE679 MForSc Report**

60 Points 0.5000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$4,531 (2021)

International Fee: \$20,250 (2021)

FORE679-22A (C) Starts Anytime**FORE679-22S1 (C) Semester 1****FORE679-22S2 (C) Semester 2****FORE690 MForSc Thesis**

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$8,697 (2021)

International Fee: \$40,500 (2021)

FORE690-22A (C) Starts Anytime*Part-time enrolment (0.65 EFTS) is available on approval.***FORE790 Forestry PhD**

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$8,697 (2021)

International Fee: \$40,500 (2021)

FORE790-22A (C) Starts Anytime*Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

French

*Te Kura Mātāpuna Tangata | School of Language, Social and Political Sciences***FREN106 French Culture and French Language 1**

15 Points 0.1250 EFTS

Not offered in 2022

This course studies a selection of 20th-century French texts, films and topics in French culture. It assumes at least a Year 12 level of French comprehension.

R: FREN105

FREN120 French Language Acquisition: Beginners (Summer)

15 Points 0.1250 EFTS

Not offered in 2022

This course is for those who have little or no previous knowledge of the French language. It provides students with a knowledge of basic grammatical structures and vocabulary, and an understanding of some everyday French social customs and non-verbal communication.

R: FREN121, FREN127, FREN104

*Limited entry. See limitation of entry regulations.***FREN121 French Language Acquisition: Beginners A**

15 Points 0.1250 EFTS

This is an introductory course for students who have no previous knowledge of French. It is the first course in a sequence of six French language acquisition courses offered by the Programme.

R: FREN104, FREN127, FREN120

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

FREN121-22S1 (C) Semester 1**FREN122 French Language Acquisition: Beginners B**

15 Points 0.1250 EFTS

This is the second course in a sequence of six French language acquisition courses offered by the Programme. Students without the formal prerequisite, but with some previous knowledge of French should consult the Programme Director to determine which course is the most appropriate.

P: FREN121, or NCEA Level 2 French, or placement test.

R: FREN112, FREN218

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

FREN122-22S2 (C) Semester 2**FREN211 Banned Books and Countercultures**

15 Points 0.1250 EFTS

Not offered in 2022

This course continues the study of French texts, films and topics in French culture. Students must be able to read French.

P: Any 60 points at 100 level from any subject. A reading knowledge of French required.

R: FREN208, FREN304, FREN311

FREN221 French Language Acquisition : Intermediate A

15 Points 0.1250 EFTS

This is the third course in a sequence of French language acquisition courses offered by the programme. Students without the formal prerequisite, but with some previous knowledge of French, should consult the Programme Director to determine which course is the most appropriate.

P: FREN122, or NCEA Level 3 French, or placement test.

R: FREN123, FREN111

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

FREN221-22S1 (C) Semester 1**FREN222 French Language Acquisition : Intermediate B**

15 Points 0.1250 EFTS

This is the fourth course in a sequence of French language acquisition courses offered by the programme. Students without the formal prerequisite, but with some previous knowledge of French, should consult the Programme Director to determine which course is the most appropriate.

P: FREN221, or placement test.

R: FREN124, FREN111

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

FREN222-22S2 (C) Semester 2

FREN223 Introduction to French Linguistics

15 Points 0.1250 EFTS

Not offered in 2022

This course covers a range of topics relating to the French language; its sounds, words, history, how it is used in society and the linguistic situation in France.

P: FREN221

R: FREN323, FREN322 before 2015

FREN226 From Wīwī to Iwi: Comparing Cultures in the Francosphere

15 Points 0.1250 EFTS

This course explores the multifaceted Francophone World from a comparative perspective, with historical and contemporary examples of French-speaking communities and nations that exist beyond the confines of France and Europe: from Francophone Canada and North Africa to the Pacific.

P: Any 60 points at 100 level from any subject.

R: FREN326

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

FREN226-22S2 (C) Semester 2**FREN311 Banned Books and Countercultures**

30 Points 0.2500 EFTS

Not offered in 2022

This course continues the study of French texts, films and topics in French culture. Students must be able to read French.

P: Any 60 points at 200 level from any subject. A reading knowledge of French required.

R: FREN208, FREN304, FREN211

FREN321 French Language Acquisition: Advanced A

30 Points 0.2500 EFTS

This is the fifth course in a sequence of six French language acquisition courses.

P: FREN222

R: FREN201, FREN202

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

FREN321-22S1 (C) Semester 1**FREN322 French Language Acquisition: Advanced B**

30 Points 0.2500 EFTS

This is the sixth course in a sequence of six French language acquisition courses.

P: FREN321

R: FREN301

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

FREN322-22S2 (C) Semester 2**FREN323 Introduction to French Linguistics**

30 Points 0.2500 EFTS

Not offered in 2022

This course covers a range of topics relating to the French language; its sounds, words, history, how it is used in society, and the linguistic situation in France.

P: FREN321

R: FREN223, FREN322 before 2015

FREN326 From Wīwī to Iwi: Comparing Cultures in the Francosphere

30 Points 0.2500 EFTS

This course explores the multifaceted Francophone World from a comparative perspective, with historical and contemporary examples of French-speaking communities and nations that exist beyond the confines of France and Europe: from Francophone Canada and North Africa to the Pacific.

P: Any 60 points at 200 level from any subject.

R: FREN226

RP: Students must have reading knowledge of French.

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

FREN326-22S2 (C) Semester 2**PACE395 Internship**

30 Points 0.2500 EFTS

What can you do with your major? With your degree? The purpose of the internship course is to explore both the ideological and practical assumptions guiding this question. The course is designed to be a critical, theoretical and "real-world" examination of the practices and ideologies inherent in both community and business organisations. You will apply the analytical skills acquired through your major, and through class seminars and readings, to a project designed by a local company or community group. Please check out the website for further information and specific project descriptions: www.arts.canterbury.ac.nz/internships

P: 150 points, special application and interview, and permission of the Internship Director.

R: ARTS395

EQ: ARTS395

Domestic Fee: \$1,570 (2021)

International Fee: \$7,000 (2021)

PACE395-21SU2 (C) Summer (Nov 21)**PACE395-22A (C) Starts Anytime****PACE395-22S1 (C) Semester 1****PACE395-22S2 (C) Semester 2**

Limited entry. See limitation of entry regulations. A student will be selected for a specific project.

Only students accepted for projects will be allowed into the course. Please go to <http://www.arts.canterbury.ac.nz/internships> for more information.

Postgraduate

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

FREN401 Advanced French

30 Points 0.2500 EFTS

A language acquisition course involving advanced work in reading, writing, listening and speaking French.

P: Subject to approval of the Programme Coordinator.

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

FREN401-22S1 (C) Semester 1**FREN418 Special Topic**

30 Points 0.2500 EFTS

French Literature and Cinema. The comparison of text and film is intended to evaluate what specifically belongs to each medium.

P: Subject to approval of the Programme Coordinator.

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

FREN418-22S2 (C) Semester 2**FREN422 French Translation**

30 Points 0.2500 EFTS

FREN422 will explore the application of translation theories in a French-language context. Students will examine translations to and from French and English via multiple genres, techniques and methodologies, from literary to technical translations.

P: Subject to approval of the Programme Coordinator.

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

FREN422-22S2 (C) Semester 2**FREN444 Women/Theory/Film: Continental Theory and French Cinema**

30 Points 0.2500 EFTS

This course investigates the changing place of women in film: as a glamorised spectacle and cultural commodity, as spectators and consumers, and also as creators and theorists.

P: Subject to the approval of the Head of Department.

R: TAFS406, CINE401, ENGL444

EQ: ENGL444

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

FREN444-22S1 (C) Semester 1**FREN480 Research Essay**

30 Points 0.2500 EFTS

In this course, students explore a research topic of their choice under the supervision of an appropriate staff member, subject to approval by the programme coordinator. This course is compulsory for all Honours students.

P: Subject to approval of the Programme Coordinator.

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

FREN480-22S2 (C) Semester 2**FREN650 MA Dissertation**

60 Points 0.5000 EFTS

MA Dissertation

P: Subject to approval of the Head of Department.

Domestic Fee: \$3,610 (2021)

International Fee: \$16,500 (2021)

FREN650-22A (C) Starts Anytime**FREN650-22S1 (C) Semester 1****FREN650-22S2 (C) Semester 2**

FREN690 MA Thesis
120 Points 1.0000 EFTS
P: Subject to approval of the Programme Coordinator.
Domestic Fee: \$7,220 (2021)
International Fee: \$33,000 (2021)
FREN690-22A (C) Starts Anytime
Part-time enrolment (0.65 EFTS) is available on approval.

FREN790 French PhD
120 Points 1.0000 EFTS
P: Subject to approval of the Head of School.
Domestic Fee: \$7,220 (2021)
International Fee: \$33,000 (2021)
FREN790-22A (C) Starts Anytime
*Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Geographic Information Science

Department of Geography

GIS101 Introduction to Spatial Data Science
15 Points 0.1250 EFTS
Spatial Data Science deals with the processing, manipulation, analysis and visualization of spatial data in a variety of forms. Spatial data are those which contain geographical coordinates enabling them to be used for spatial analysis and mapping and include, for example, images from remote sensing, coordinates collected using navigation technologies, or census information by area, among many others. Spatial data are fundamental to many geographical analyses and spatial data science draws strongly from key geographical concepts - such as Tobler's classic 1970 law: "everything is related to everything else, but near things are more related than distant things". This course provides a practical introduction to concepts and methods in data science for the analysis of spatial data. By completing the course, you will gain an understanding of the key concepts in spatial data and their collection, how to represent the environment and the world in spatial data, and the ability to apply basic spatial analysis techniques to geographic data using open source platforms such as R, QGIS, and Python. You will develop skills such as importing, manipulating, analyzing, and visualizing spatial data particularly using algorithms in R and Python. You will also develop an awareness of the current limitations and implications of geographic technology, its future development and data stewardship (particularly bi-cultural aspects of stewardship).
Domestic Fee: \$926 (2021)
International Fee: \$4,563 (2021)
GIS101-22S2 (C) Semester 2

Postgraduate

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

GIS401 Foundations of Geographic Information Science
15 Points 0.1250 EFTS
Not offered in 2022
This course provides an essential introduction to postgraduate GIS and its fundamentals for students taking the Masters/PGDip in GIS programmes. Students will cover a range of topics including conceptual models, representation, technology, data capture, appreciation of theory and critical spatial thinking. Students will participate in an intensive week long course where they will meet their peers and staff, and learn and practice new skills to take with them for the remainder of the course.
P: Entry subject to the approval of the Programme Director, GIS.
RP: GEOG205 and one other GIS course recommended
Limited entry. See limitation of entry regulations.

GIS402 GI Science Research
15 Points 0.1250 EFTS
Not offered in 2022
This course has the dual purpose of educating students in the nature and breadth of GI Science research undertaken in academia, industry and government as well as to guide students in the development of a proposal to undertake their own research in GI Science. In proposal development, students will learn how to plan, execute and present a research proposal and project. Students will also be exposed to some of the social, legal and ethical issues associated with GIS research.
P: Entry subject to the approval of the Programme Director.
RP: GEOG205 or GIS422
Limited entry. See limitation of entry regulations.

GIS403 Cartography and Geovisualisation
15 Points 0.1250 EFTS
Not offered in 2022
This course provides a theoretical grounding in the various ways in which geographic information can be visualised. Beyond the conventional map display, alternate representations, interfaces to geographic data, visual exploration of datasets and cartographic generalisation will be covered. The course will provide an introduction to the concepts, principles, theories and applied components of Digital Cartography and Geographic Information Systems (GIS).
P: Entry subject to the approval of the Programme Director, GIS.
RP: GEOG205, GIS401, GIS404, GIS406

GIS404 Spatial Analysis
15 Points 0.1250 EFTS
This course provides an introduction to a range of statistical techniques used in the analysis of spatial data. A comprehensive lab programme uses a variety of software packages to explore visualisation, exploratory spatial data analysis, spatial autocorrelation, point pattern analysis, spatial statistics and the modifiable areal unit problem (MAUP).
P: Subject to the approval of the Programme Director.
RP: GEOG205 or GIS422, GEOG323
Domestic Fee: \$1,084 (2021)
International Fee: \$5,000 (2021)
GIS404-22S1 (C) Semester 1

GIS405 GIS Programming and Databases
15 Points 0.1250 EFTS
This course will develop students' ability to use programming methods for extending existing GIS software and composing open source components for GIS functionality. The knowledge and skills learned in this course will support a range of applications including data processing, visualisation, advanced spatial analysis, public participatory GIS and webGIS.
RP: GEOG324 or any previous Python experience.
Domestic Fee: \$1,084 (2021)
International Fee: \$5,000 (2021)
GIS405-22S1 (C) Semester 1

GIS406 Remote Sensing for Earth Observation
15 Points 0.1250 EFTS
This course explores the use of data from earth orbiting satellites for monitoring and analyzing the state of the environment from local to regional scales. It provides practical experience in data analysis from a range of earth observation sensors to obtain information on surface properties in 3 dimensions. The derived information can be used for further analysis in Geographic Information Systems.
P: GEOG205, GEOG208
R: GEOG407
Domestic Fee: \$1,084 (2021)
International Fee: \$5,000 (2021)
GIS406-22S1 (C) Semester 1

GIS411 Spatial Analytics for Health, Society and Environment
15 Points 0.1250 EFTS
This course will provide students with an introduction to the use of spatial analytics methods for the study of health, society and the environment. Students will be expected to apply spatial analytic methods using relevant software and data.
P: Entry is subject to the approval of the Programme Director: GIS.
RP: HLTH462 recommended but not required.
Domestic Fee: \$1,084 (2021)
International Fee: \$5,000 (2021)
GIS411-22S2 (C) Semester 2

GIS412 Spatial Data Science
15 Points 0.1250 EFTS
Not offered in 2022
This course introduces students to the field of spatial data science and is designed to develop students' understanding of some fundamental algorithms and code libraries that are used to manipulate, analyse, and map spatial data, and to explore how they are implemented in software. Students will use Python and Javascript programming languages. The course is largely lab and project based, with context and theoretical frameworks presented in lectures and tutorials in order to guide hands-on development.
P: GIS405, COSC121 or COSC131 or COSC480

Geography

GISC415 Geographic Information Systems (GIS) Internship

15 Points 0.1250 EFTS

Not offered in 2022

This course allows students to utilize knowledge gained from the PGDipGST/PMGST postgraduate courses within business, government and non-profit organisations while gaining career-related work experiences, exploring compatibility with specific careers and companies, and becoming more mature professionally. Sponsorship for internship positions may be available.

P: Entry is limited to students enrolled in the PMGST degree and subject to the approval of the Programme Director

R: Subject to the approval of the PMGST Director against normal or previous employment

GISC416 Conservation GIS

15 Points 0.1250 EFTS

Not offered in 2022

This course is designed to advance students' skills in information location and retrieval, understanding of spatial conservation ecology, foster critical analysis of the research and statistical bases underlying conclusions reached in the literature, examine the relative strengths and weaknesses of different methods of spatial analyses, literature synthesis, understand theoretical perspectives relevant to the conservation GIS, and demonstrate an ability to identify the limitations of current research, and potential areas for further research.

P: GEOG205 and (GEOG324 or GEOG 323)

GISC417 GIS Special Topic

15 Points 0.1250 EFTS

Special Topic in GIS that is offered by a current or visiting academic. See the programme director for further information.

P: Entry subject to the approval of the Programme Director

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

GISC417-22S2 (C) Semester 2

GISC690 MSc Thesis

120 Points 1.0000 EFTS

Not offered in 2022

MSc Thesis in Geospatial Science and Technology

P: Subject to approval of the Head of Department.

RP: GISC402, GISC404, GISC405, GISC412

Part-time enrolment (0.65 EFTS) is available on approval.

Geography

Department of Geography

GEOG106 Global Environmental Change

15 Points 0.1250 EFTS

An exploration of major environmental changes happening at the global scale. With a particular focus on climate, ice, freshwater, and ocean processes, we investigate how geospatial monitoring and other tools are used to address global environmental challenges. We look at how human activities are interacting with Earth systems, and aim to empower people to improve environmental and societal resilience at a range of scales.

R: GEOG103

Domestic Fee: \$892 (2021)

International Fee: \$4,563 (2021)

GEOG106-22S2 (C) Semester 2

GEOG109 Physical Geography: Earth, Ocean, Atmosphere

15 Points 0.1250 EFTS

Not offered in 2022

This course covers environmental process theory as well as the technical skills needed to monitor and model environmental change. We examine the forces that control Earth systems, with case studies of three main sub-systems: the atmosphere and climate, the oceans and their coastal fringes, and high-energy terrestrial landscapes such as mountains. The course will deepen understanding of these subsystems as a framework for building science-informed environmental approaches.

GEOG110 People, Places and Environments

15 Points 0.1250 EFTS

This course draws on the insights of human geography to deepen your understanding of how people make places and shape environments. We examine the economic, social and cultural processes that create contemporary places and also consider their possible futures. Through practical work, you will learn some of the key methods and techniques available for describing and analyzing how places change.

R: GEOG107

Domestic Fee: \$892 (2021)

International Fee: \$4,563 (2021)

GEOG110-22S1 (C) Semester 1

GEOG201 Environmental Processes: Principles and Applications

15 Points 0.1250 EFTS

The course explores the fundamental principles and applications of knowledge related to the surface of the earth in the sub-disciplines of geomorphology, climatology and hydrology. Systems studied include landforms, glaciers, climate, and rivers. The main objective of the course is to explain the spatial and temporal characteristics, and the interaction between these systems in an interdisciplinary manner by drawing extensively from New Zealand examples.

P: Any 30 points of 100-level Geography, or entry with approval of the Head of Department

R: GEOG201 prior to 2009.

Domestic Fee: \$892 (2021)

International Fee: \$4,563 (2021)

GEOG201-22S1 (C) Semester 1

GEOG205 Introduction to Geographic Information Systems and Science

15 Points 0.1250 EFTS

Geographic Information Systems (GIS) provide the tools for gathering, managing, analysing and presenting spatial information in an intuitive and graphical way. This course provides students with an introduction to the fundamental concepts, principles and techniques of GIS.

P: 45 points at 100-level or above, from any degree schedule.

R: DIGI205 and GISC422

Domestic Fee: \$892 (2021)

International Fee: \$4,563 (2021)

GEOG205-22SU1 (C) Summer (Jan 22)

GEOG205-22S1 (C) Semester 1

GEOG208 Remote sensing for geospatial analysis

15 Points 0.1250 EFTS

This course provides an introduction to remote sensing data for geospatial analysis. Students will develop skills for the acquisition of data from unmanned aerial vehicles (UAVs) and satellites. Practical work focuses on the preparation of data for use in a Geographic information system (GIS), while laboratory exercises will introduce a range of analytic software that can be used to prepare and examine remotely sensed data.

P: Any 30 points of 100-level Science, Engineering or Commerce

R: GEOG313

Domestic Fee: \$892 (2021)

International Fee: \$4,563 (2021)

GEOG208-22S2 (C) Semester 2

GEOG209 Environmental Science and Resource Management

15 Points 0.1250 EFTS

This course explores the debates and issues in environmental science and resource management around the core theme of agriculture and the environment. There is an emphasis on developing solutions to environmental issues. The course takes a quantitative approach to environmental issues, teaching students to make informed decisions that integrate biophysical data with policies and practices of management in New Zealand and global contexts. Students will learn to recognise patterns and processes in agricultural environments, and gain an understanding of how those patterns and processes influence and are influenced by resource management decisions. Students will develop an awareness of biculturalism in Aotearoa New Zealand as it applies to environmental issues associated with agriculture, recognising that Māori values may be distinct to regulatory guidelines regarding environmental quality. Mātauranga Māori aspects of agriculture and the environment will be covered.

P: (GEOG110 and GEOG106) or (ENVR101 and GEOG106) and 15 points of CHEM, GEOL or BIOL. OR entry with approval of the Head of School.

R: GEOG206, ENVR201, ENVR209

EQ: ENVR209

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

GEOG209-22S2 (C) Semester 2

GEOG211 Environmental Processes: Research Practice

15 Points 0.1250 EFTS

This course provides a field and practical based approach to investigating at least one major earth process from an integrated perspective. It is centred on a residential field trip to the Cass Basin Arthurs Pass. The learning is project oriented and includes the development of a project from the initial idea, through the development of the skills and techniques required to conduct the fieldwork and produce the written project report. Assessment is based on a combination of assessed practicals and the field work research project report.

P: Any 30 points of 100 level geography, or entry with the approval of the Head of Department.

C: GEOG201

R: GEOG201 prior to 2009

Domestic Fee: \$892 (2021)

International Fee: \$4,563 (2021)

GEOG211-22S1 (C) Semester 1

GEOG213 The EU, Globalization and Migration

15 Points 0.1250 EFTS

Not offered in 2022

This course addresses international migration as one of the most pressing and formative issues which shape both European integration, and the relationships of Europe with the rest of the world. It addresses the economic, social, political and policy aspects of international migration in the changing EU and global contexts. The course has particular resonance for students in

New Zealand, a country whose society has substantially been shaped by migration to and from Europe and the rest of the world.

P: Any 30 points of 100-level Geography, or any 90 points approved by the Head of Department.

R: EURO223, EURA223

EQ: EURA223

GEOG215 Environmental Hazards and Disasters

15 Points 0.1250 EFTS

This course provides an understanding of environmental hazards and disasters, with a particular focus on flooding and coastal hazards and the related impacts on human communities.

Examples will be drawn from New Zealand, which will include a consideration of Māori experiences of and responses to disasters, and from overseas.

P: 30 points of Geography or Geological Sciences at 100 level; or 30 points from Science, Arts, Commerce, or Engineering.

R: GEOG305

Domestic Fee: \$892 (2021)

International Fee: \$4,563 (2021)

GEOG215-2252 (C) Semester 2

GEOG217 Places for Wellbeing and Flourishing

15 Points 0.1250 EFTS

An examination of how places shape human wellbeing and flourishing, in both positive and less than positive ways. With a focus on settler colonial nations, we will examine the significant variations that exist between places in terms of the housing, work, education and support opportunities available within them. We consider the impact of these variations for local wellbeing and flourishing, noting the uneven experiences of particular social groups. We also examine place-based interventions that may support local wellbeing and flourishing, and selection of methods to evaluate these interventions. The course draws on the insights of human geography and engages with the contemporary lived experience of places in Aotearoa New Zealand and beyond.

P: Any 30 points at 100 level from any subject, normally including GEOG110 or GEOG106.

Domestic Fee: \$892 (2021)

International Fee: \$4,563 (2021)

GEOG217-2252 (C) Semester 2

GEOG222 Transport, Urban Development and Wellbeing

15 Points 0.1250 EFTS

Nau mai ki GEOG222 - welcome to GEOG222. Transport fundamentally shapes our communities and affects our wellbeing. This course examines the role and influence of transport in shaping our towns and cities, and affecting our personal wellbeing. The course will have a particular focus on how transport and urban development can help face challenges like climate change. The course will also look at issues related to Māori, for example, how has urbanisation affected their wellbeing. As well as gaining increased understanding of transport, urban development and wellbeing through traditional learning approaches, students will also learn from transport, urban development and health professionals. They will develop a range of practical, applied and transferrable skills by addressing real world problems and present findings in both written and oral formats.

P: 45 pts of 100 level including GEOG110 or GEOG106

Domestic Fee: \$892 (2021)

International Fee: \$4,563 (2021)

GEOG222-2251 (C) Semester 1

GEOG309 Research for Resilient Environments and Communities

30 Points 0.2500 EFTS

This course will develop your ability to undertake research that supports resilient environments and communities. Drawing on problem-based and service learning approaches, you will design and complete a research project in collaboration with a community partner. The training, practice and critical evaluation of the research will be carried out in groups, and you will communicate your research findings using spoken, numerical and written skills. The course begins with a short fieldtrip, and then progresses through occasional lectures and regular project group meetings, supported by web-based resources. It concludes with a public conference. The emphasis is on students working together to solve real world problems using skills that are transferable to the workplace.

P: 30 points of GEOG at 200 level, or GEOG206 and ENVR201

R: GEOG204, GEOG303

Domestic Fee: \$1,784 (2021)

International Fee: \$9,125 (2021)

GEOG309-2252 (C) Semester 2

GEOG310 Weather Systems

15 Points 0.1250 EFTS

Not offered in 2022

This course examines the processes responsible for day to day weather variations, and the operational techniques used in their analysis and forecasting. This includes both research and operational approaches to the study of synoptic scale weather systems and their impact. The processes studied include those that have an influence on the generation and decay of weather systems, but also those that affect the weather experienced in a local area, such as Canterbury. The emphasis is on factors important in short term weather changes, including stability/instability and atmospheric motion. These factors are studied in relation to air mass changes, as well as the effects of topography. Links between the general and synoptic scale atmospheric circulation are also studied, along with the effects of longer term change, such as the ENSO cycles.

P: 30 points of 200-level Geography, including GEOG201, or in special cases with approval of the Head of Department.

GEOG311 Coastal Studies

15 Points 0.1250 EFTS

This course explores the processes that form and change coastal environments in New Zealand, the Pacific and worldwide. Topics examined include a selection of: sea level change today and into the future, waves and currents, the role of sediments in how beaches work to protect land and interact with oceans, plus sessions focussed on the wonders and practical realities of wetlands, tropical reefs, and human interactions with coastal environments. You will gain an understanding of models of the coastal zone, as well as an experience of field methods and laboratory techniques used in coastal investigations. The course was developed based on direct industry feedback and involvement. There is also an optional one-day field-trip, where there is an opportunity to put your learnings into practice and measure waves, currents and beach profiles, and to collect sediment and ecological data for analysis in labs, all using up-to-date professional techniques.

P: 30 points of 200-level Geography, including GEOG201, or in special cases with approval of the Head of Department.

Domestic Fee: \$892 (2021)

International Fee: \$4,563 (2021)

GEOG311-2251 (C) Semester 1

GEOG312 Snow, Ice and Climate

15 Points 0.1250 EFTS

This course examines the physical processes involved with the formation and evolution of mountain glaciers and seasonal snow, including processes such as surface mass balance, dynamics and hydrology. The course develops knowledge by drawing on key research, and encourages students to critically evaluate published work. The supporting lab programme will enable students to develop a range of transferable skills by working with real data and equipment, for example, ground penetrating radar (GPR), snowpit analysis, and simple glacier models.

P: 30 points of 200-level Geography, including GEOG201, or in special cases with approval of the Head of Department.

Domestic Fee: \$892 (2021)

International Fee: \$4,563 (2021)

GEOG312-2252 (C) Semester 2

GEOG321 European Integration From Community to Union

30 Points 0.2500 EFTS

The course is designed to introduce students to the process of European integration that has transformed post-1945 Europe and seen the European Union emerge as a new global power. The course draws on an inter-disciplinary approach and is focused on policy analysis.

P: One of: (a) 15 points with a B average in any Arts subject; or (b) any 15 points in GEOG at 200 level; or (c) 15 points of EURO at 200-level with a B Pass; or (d) 30 points of EURO at 200-level; or (e) any 45 points from the Arts Schedule at 200-level.

R: EURO210, EURO310, EURA210, EURA310

EQ: EURA310

Domestic Fee: \$1,784 (2021)

International Fee: \$9,125 (2021)

GEOG321-2251 (C) Semester 1

GEOG323 Geospatial Analysis in the Social and Environmental Sciences

15 Points 0.1250 EFTS

This course provides an introduction to spatial analysis, an important tool for exploring, analysing, modelling and visualising geospatial data. Students will acquire the knowledge and skills necessary to investigate and understand spatial patterns resulting from social and physical processes operating on the surface of Earth, such as epidemics, crime and pollution. A variety of software packages will be introduced and used to explore different aspects of spatial analysis. A number of issues inherent to dealing with spatial data, such as the ecological fallacy and modifiable areal unit problem (MAUP), will also be highlighted.

P: 30 points of 200-level Geography, including GEOG205, or in special cases with approval of the Head of Department.

Domestic Fee: \$892 (2021)

International Fee: \$4,563 (2021)

GEOG323-2251 (C) Semester 1

GEOG324 Web GIS and Geoinformatics

15 Points 0.1250 EFTS

Not offered in 2022

This course builds on GEOG205 Introduction to GIS, delving deeper into the nuts and bolts of how GIS work and advancing students' knowledge and skills in geographic data management, geographic information systems design, geographic information visualisation, and human computer interaction from a geoinformatics perspective. GEOG324 is a technical, largely lab- and project-based course, where students will use a mix of proprietary and open source GIS software to gain advanced skills in GIS, focusing on Web GIS applications. Students will learn how databases are used to store geographic information, and gain practice in the creation of dynamic web maps and internet-based spatial analysis. There is also a research component to the course in order to ensure students are aware of the research landscape in geographic information science (GIScience) and are able to critically analyse work undertaken in GIScience.

P: 30 points of 200-level Geography, including GEOG205, or in special cases with approval of the Head of Department. Recommended preparation: COSC121, or equivalent introductory programming course.

RP: COSC121, or equivalent introductory programming course.

Geography

GEOG325 Health, Wellbeing and Environment

15 Points 0.1250 EFTS

Human health and wellbeing are profoundly shaped by the environments in which we live. This course examines the influence of the physical, built and social aspects of the environment on health and wellbeing. In addition to gaining increased understanding of health-environment interactions, students will develop skills in tracking environmental exposures and in presenting research findings in both written and oral formats.

P: 30 points of Geography at 200 level; or 30 points from Science, Arts or Health Sciences.

R: GEOG322

Domestic Fee: \$892 (2021)

International Fee: \$4,563 (2021)

GEOG325-22S1 (C) Semester 1

GEOG340 Field Based Geomorphic Applications

15 Points 0.1250 EFTS

Not offered in 2022

This course examines practical applications of geomorphology and environmental management, providing a basic understanding of regolith and soil genesis; relationships between soil erosion, fluvial processes and sedimentation; and the principles of landscape management and restoration. Field studies and practical examples include soil erosion and hydrology of forested and agricultural catchments, urban stream and wetland reconstruction, and the management of steep-land environments.

P: 30 points of 200 level Geography, including GEOG201, or in special cases with approval of the Head of Department.

GEOG345 Special Topic

15 Points 0.1250 EFTS

Not offered in 2022

P: 30 points of 200-level Geography or entry with the approval of the Head of Department.

GEOG351 Rethinking Development

15 Points 0.1250 EFTS

This course explores the ways in which people across the globe are building community economies based on ethical concerns for more sustainable and equitable futures. It will provide students with a theoretical basis for rethinking economies and some practical skills in organising for community-based development interventions.

P: Any 30 points of 200 level Geography, or approval of the Head of Department.

R: GEOG212

Domestic Fee: \$892 (2021)

International Fee: \$4,563 (2021)

GEOG351-22S2 (C) Semester 2

Postgraduate

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

GEOG401 Wellbeing, Community and Place

30 Points 0.2500 EFTS

This course explores how health and wellbeing are shaped by our natural, built and social environments, in complex and sometimes unexpected ways. We will draw on a range of research to examine the connections between wellbeing, community and place.

P: Entry subject to approval of the Head of Department.

R: GEOG452

Domestic Fee: \$2,101 (2021)

International Fee: \$10,000 (2021)

GEOG401-22S2 (C) Semester 2

GEOG402 Resilient Cities

30 Points 0.2500 EFTS

This course explores the contemporary and pressing issue of urban development. The course focuses on geographical issues related to urban planning for resource use and infrastructure, including energy use, transport networks and green development. It includes a focus on the growing need for cities to be resilient to the many challenges they face. The course includes an applied and practical element, conducted in collaboration with local government officials and communities.

P: Entry subject to approval of the Head of Department.

R: GEOG446

Domestic Fee: \$2,101 (2021)

International Fee: \$10,000 (2021)

GEOG402-22S1 (C) Semester 1

GEOG404 Resource and Environmental Management (REM) in New Zealand

30 Points 0.2500 EFTS

This course provides a deep and yet practical understanding of the processes involved in resource and environmental management in New Zealand, including the principles of kaitiakitanga. It aims to enable students to engage actively with the realities of the application of the Resource Management Act, and to be able to apply existing knowledge of environmental and/or human processes to the solution of environmental management problems. The course will be of interest to students with a wide variety of geographical backgrounds, as well as to engineers, lawyers, and those considering a career related to resource use.

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P: Entry subject to approval of the Head of Department.

R: GEOG444

Domestic Fee: \$2,101 (2021)

International Fee: \$10,000 (2021)

GEOG404-22S2 (C) Semester 2

Limited entry. See limitation of entry regulations.

GEOG409 Coasts and Rivers: from Natural Processes to Urban Environments

30 Points 0.2500 EFTS

This course explores coastal and fluvial geomorphic processes and how they interact with urban environments. Understanding these processes is essential for effective resource and environmental management, as well as for building resilient settlements. Core topics will include river and coastal geomorphology; hydrology and hydrodynamics; flooding from coastal, fluvial and pluvial sources; catchment processes; river mouth environments; sea level rise; theoretical and numerical modelling; human use of coasts and rivers; and laboratory and research methods in coastal and river science. Examples will be drawn from New Zealand, the Pacific, and worldwide.

P: Entry subject to approval of the Head of Department.

R: GEOG437

Domestic Fee: \$2,101 (2021)

International Fee: \$10,000 (2021)

GEOG409-22S1 (C) Semester 1

GEOG412 Alpine and Polar Environments

30 Points 0.2500 EFTS

Understanding physical processes and earth-atmosphere interactions in alpine and polar environments is crucial for the management of water resources, tourism and recreation, particularly in the context of global climate change. In this course, you will gain knowledge of these processes and interactions, and develop practical skills for collecting and analysing atmospheric, cryospheric (snow and ice) and geospatial data relevant to alpine and polar research.

P: Entry subject to approval of the Head of Department.

R: GEOG408 and GEOG410

Domestic Fee: \$2,101 (2021)

International Fee: \$10,000 (2021)

GEOG412-22S2 (C) Semester 2

GEOG415 Geography Internship

30 Points 0.2500 EFTS

This course allows Geography students to apply their discipline specific skills within business, government, industry and non-profit organisations while gaining work-related experience.

P: Entry subject to approval of the Head of Department.

R: GISCA15

Domestic Fee: \$2,101 (2021)

International Fee: \$10,000 (2021)

GEOG415-22S2 (C) Semester 2

GEOG420 Research Project

30 Points 0.2500 EFTS

This course represents the Research Project component of the Honours programme. A research topic will be chosen in discussion with a possible staff supervisor, a proposal developed and approved, and a written research report completed. This is a whole year course and work is done for the project across both semesters. Various milestones are included through the year including proposal development and oral progress reports.

P: Entry subject to approval of the Head of Department.

R: GEOG480, GEOG490, GEOG481, GEOG491

Domestic Fee: \$2,101 (2021)

International Fee: \$10,000 (2021)

GEOG420-22W (C) Whole Year (S1 and S2)

GEOG420-22CY (C) Cross Year

GEOG460 Bicultural Co-Governance

15 Points 0.1250 EFTS

Not offered in 2022

This course will lay the foundation to understanding governance and co-governance models and approaches. A primary focus of the course is to integrate indigenous and non-indigenous governance requirements with the purpose of articulating and designing transformative co-governance processes. Students will explore global case studies where indigenous and non-indigenous governance models have been integrated and applied to co-governance.

P: Subject to the approval of the Head of School

GEOG660 MA Dissertation

60 Points 0.5000 EFTS

MA Dissertation

P: Subject to approval of the Head of Department.

Domestic Fee: \$4,086 (2021)

International Fee: \$20,000 (2021)

GEOG660-22A (C) Starts Anytime

GEOG660-22S1 (C) Semester 1

GEOG660-22S2 (C) Semester 2

GEOG690 MA Thesis

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$7,900 (2021)

International Fee: \$40,000 (2021)

GEOG690-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval.

GEOG692 Community or Workplace Based Project

60 Points 0.5000 EFTS

Masters project, undertaken in collaboration with a community or organisational partner.

P: Subject to approval of the Head of Department.

Domestic Fee: \$4,202 (2021)

International Fee: \$20,000 (2021)

GEOG692-22A (C) Starts Anytime**GEOG692-22X (C) 04 July 2022 - 12 Feb 2023****GEOG693 Geospatial Science and Technology Project**

60 Points 0.5000 EFTS

Masters project in Geography

P: Subject to approval of the Head of Department

Domestic Fee: \$4,132 (2021)

International Fee: \$19,750 (2021)

GEOG693-21SU2 (C) Summer (Nov 21)**GEOG694 Community or Workplace Based Project**

60 Points 0.5000 EFTS

Not offered in 2022

Masters Project in Geography

P: Subject to approval of the Head of Department

GEOG695 MSc Thesis

120 Points 1.0000 EFTS

The thesis shall normally be completed and presented to the Registrar within a 12 month period.

Students must consult the M.A. or M.Sc. Regulations for details of the other requirements for the degree.

P: Subject to approval of the Head of Department.

Domestic Fee: \$7,900 (2021)

International Fee: \$40,000 (2021)

GEOG695-22A (C) Starts Anytime**GEOG697 Community Based Thesis**

90 Points 0.7500 EFTS

Masters community placement and thesis, undertaken in collaboration with a community or organisational partner.

P: Subject to approval of the Head of Department.

Domestic Fee: \$6,503 (2021)

International Fee: \$30,000 (2021)

GEOG697-22A (C) Starts Anytime**GIS422 Foundations of Geographic Information Systems and Science**

15 Points 0.1250 EFTS

Geographic Information Systems (GIS) provide the tools for gathering, managing, analysing and presenting spatial information in an intuitive and graphical way. This course provides students with an introduction to the fundamental concepts, principles and techniques of GIS.

R: GEOG205; DIG1205

RP: Undergraduate degree or diploma

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

GIS422-22SU1 (C) Summer (Jan 22)**GIS422-22S1 (C) Semester 1****GIS422-22S2 (C) Semester 2****GEOG790 Geography PhD**

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$7,900 (2021)

International Fee: \$40,000 (2021)

GEOG790-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.

Geology

Department of Geological Sciences

GEOL111 Planet Earth: An Introduction to Geology

15 Points 0.1250 EFTS

A general introduction to the study of the dynamic Earth and its geology, including Earth structure and plate tectonics, volcanic activity, crystal processes and the nature of minerals and rocks.

R: ENCI271

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

GEOL111-22S1 (C) Semester 1**GEOL113 GeoHazards**

15 Points 0.1250 EFTS

'GeoHazards' provides an introduction to the dynamic nature of the Earth's surface and the hazards that geological processes pose for human society. The introductory course focuses on earthquake, volcanic, tsunami, and landslide hazards - exploring how the processes occur, how they can be hazardous to society, analyses disaster events, and identifies strategies that reduce the impact of disasters.

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

GEOL113-22S2 (C) Semester 2**GEOL115 The Dynamic Earth System**

15 Points 0.1250 EFTS

The 4.55 billion year story of Earth is a story of constant renewal and interaction among tectonics, rocks, water, plants, animals, soil and air. The Dynamic Earth System teaches you how to read this story present in both the rock record and Earth's modern natural environment.

R: GEOL112

RP: GEOL111

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

GEOL115-22S2 (C) Semester 2**GEOL237 Special Topic**

15 Points 0.1250 EFTS

Students may only enrol in this Special Topic course on the advice of the Department of Geological Sciences.

P: Subject to approval of the Head of Department.

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

GEOL237-22S1 (C) Semester 1**GEOL237-22S2 (C) Semester 2****GEOL240 Field Studies A - Mapping**

15 Points 0.1250 EFTS

Geological mapping involves the observation, recording, presentation and interpretation of field data, all fundamental skills required by practising geologists. Students enrolling in GEOL240 will complete laboratory classes and prepare a geologic map, cross-section, and written report for the Island Hills area of North Canterbury based on field data collected on a fieldtrip held during semester break.

P: GEOL111 and any 15 points at 100 level from GEOL.

C: 15 points from any of GEOL242-246 offered in the same semester

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

GEOL240-22S1 (C) Semester 1**GEOL241 Field Studies B - Field Techniques**

15 Points 0.1250 EFTS

Geological mapping involves the observation, recording and interpretation of field data, and is a fundamental skill required by all practicing geologists. GEOL 241 introduces field techniques applied to metamorphic, igneous and sedimentary rocks, and rock deformation structures, through laboratory classes and field work completed during the August/September semester break.

P: GEOL111 and any 15 points at 100 level from GEOL.

C: 15 points from any of GEOL242-246 offered in the same semester

R: GEOL231

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

GEOL241-22S2 (C) Semester 2

GEOL242 Rocks, Minerals and Ores

15 Points 0.1250 EFTS

An introduction to mineralogy, igneous and metamorphic petrology, and related ore deposits, and their use in interpretation of geological environments. Students will be introduced to geologic processes sensitive to pressure, temperature and volatile availability, including magma crystallisation and gold mineralisation.

P: GEOL111 and any 15 points at 100 level from GEOL.

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

GEOL242-22S1 (C) Semester 1**GEOL243 Depositional Environments and Stratigraphy**

15 Points 0.1250 EFTS

This course focuses on modern sedimentary environments, oceanography and marine organisms as a key to interpreting depositional environments, and the techniques and approaches that allow geologists to deal with geological time. The fundamental underpinning is stratigraphy, and using sedimentary features and fossils as palaeoenvironment indicators, with particular attention paid to New Zealand examples.

P: GEOL111 and any 15 points at 100 level from GEOL.

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

GEOL243-22S1 (C) Semester 1**GEOL244 Structural Geology and Global Geophysics**

15 Points 0.1250 EFTS

Nature and origin of structures produced by deformation in the Earth's crust, and material properties of rocks that affect the way in which they respond. Practical geometric methods associated with deriving and representing the three dimensional form of structures commonly encountered in geological practice, and synthesis of tectonic settings. This course also covers large-scale geometry and processes of plate tectonics, and topics in global geophysics linked to current observation and plate tectonic theory.

P: GEOL111 and any 15 points at 100 level from GEOL.

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

GEOL244-22S2 (C) Semester 2**GEOL246 Earth Surface Dynamics**

15 Points 0.1250 EFTS

Earth surface behaviour is a primary interface between geology and society. Knowledge and cultural perspectives of that behaviour therefore inform societal behaviour and development. This course will provide students with the opportunity to acquire the knowledge, skills and attitudes needed to be able to investigate and report on the sustainability of proposed site-specific land-uses in the context of future dynamic Earth surface system behaviours.

P: 30 points from GEOL, MATH, EMTH, ENVR, PHYS at 100 level, or (GEOG106 and 15 points from GEOL, MATH, EMTH, ENVR, PHYS at 100 level).

RP: GEOL111; GEOL113; GEOG106; 100-level MATH

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

GEOL246-22S2 (C) Semester 2**GEOL331 Principles of Basin Analysis**

15 Points 0.1250 EFTS

An introduction to the principles, methods and tools of basin analysis.

P: GEOL243 and any 15 points at 200 level from GEOL.

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

GEOL331-22S2 (C) Semester 2**GEOL336 Magmatic Systems and Volcanology**

15 Points 0.1250 EFTS

Study of magmatic systems including the nature and origin of igneous materials and links with the physical processes of volcanology.

P: GEOL242 and any 15 points at 200 level from GEOL.

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

GEOL336-22S2 (C) Semester 2**GEOL337 Geothermal and Ore Exploration**

15 Points 0.1250 EFTS

Nature and origin of metallic ore deposits and how to find them, with emphasis on geophysical and geochemical exploration. Mining methods and mining geology.

P: GEOL242 and any 15 points at 200 level from GEOL.

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

GEOL337-22S1 (C) Semester 1**GEOL338 Engineering and Mining Geology**

15 Points 0.1250 EFTS

Principles and practices of geology associated with engineering and mining activities.

P: GEOL242 and GEOL246

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

GEOL338-22S2 (C) Semester 2**GEOL339 Special Topic**

15 Points 0.1250 EFTS

Students may only enrol in this Special Topic course on the advice of the Department of Geological Sciences.

P: Subject to approval of the Head of Department

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

GEOL339-22S1 (C) Semester 1**GEOL340 Special Topic**

15 Points 0.1250 EFTS

Students may only enrol in this Special Topic course on the advice of the Department of Geological Sciences.

P: Subject to approval of the Head of Department

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

GEOL340-22S1 (C) Semester 1**GEOL340-22S2 (C) Semester 2****GEOL342 Special Topic**

15 Points 0.1250 EFTS

Students may only enrol in this Special Topic course on the advice of the Department of Geological Sciences.

P: Subject to approval of the Head of Department

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

GEOL342-22S1 (C) Semester 1**GEOL343 Special Topic**

15 Points 0.1250 EFTS

Students may only enrol in this Special Topic course on the advice of the Department of Geological Sciences.

P: Subject to approval of the Head of Department

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

GEOL343-22S1 (C) Semester 1**GEOL343-22S2 (C) Semester 2****GEOL351 Advanced Field Techniques**

15 Points 0.1250 EFTS

Extended field work and related exercises aimed at broadening geological experience in the understanding and interpretation of rocks at outcrop, field map, and regional scales.

P: (1) GEOL 240 and GEOL 241, and (2) GEOL243 (3) 30 points from other GEOL 200-level courses.

C: 15 points from GEOL331-357 offered in the same semester.

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

GEOL351-22S1 (C) Semester 1**GEOL352 Advanced Field Mapping**

15 Points 0.1250 EFTS

Extended field mapping and related exercises aimed at broadening geological experience in the understanding and interpretation of rocks at outcrop, field map, and regional scales.

P: (1) GEOL 240 and GEOL 241, and (2) GEOL244 (3) 30 points from other GEOL 200-level courses.

C: 15 points from GEOL331-357 offered in the same semester.

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

GEOL352-22X (C) 31 Jan 2022 - 26 June 2022*This course involves fieldwork that takes place in February.***GEOL354 Geodynamics and Geohazards**

15 Points 0.1250 EFTS

This inter-disciplinary course focuses on the dynamics of potentially hazardous geological events and the connections between geodynamics and societal risk.

P: Any 45 points at 200 level from GEOL.

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

GEOL354-22S1 (C) Semester 1

GEOL356 Field-focused Research Methods

30 Points 0.2500 EFTS

P: Subject to approval of the Head of Department.

R: ENVR356

Domestic Fee: \$1,851 (2021)

International Fee: \$9,125 (2021)

GEOL356-22X (C) 04 July 2022 - 13 Nov 2022**GEOL356-22S2 (C) Semester 2***This course involves fieldwork that takes place in January and February.***GEOL357 Topics in New Zealand Geology**

15 Points 0.1250 EFTS

This course examines New Zealand geology in a regional and global context of tectonics, climate, and oceanographic events. Topics covered will include tectonics, resources and the geological development of New Zealand. The course aims to develop student's research, presentation and written communication, and geological synthesis skills, and to build an understanding of New Zealand geology relevant to our future. This course is seen as a capstone course for BSc students, and useful preparation for those going on to postgraduate study.

P: Any 45 points at 200 level from GEOL.

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

GEOL357-22S2 (C) Semester 2**Postgraduate**

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

GEOL470 Research Project

30 Points 0.2500 EFTS

This course will comprise a research project under the guidance of a chosen supervisor. The research project will be of an appropriate size for 30 points and may include summer field work. The results will be written up in a project report and will be presented as a talk to the department.

P: GEOL351, GEOL352 and 60 points from GEOL300 level courses.

C: 90 points from GEOL400 level choices or relevant 400 level courses from other departments with Head of Department approval

R: GEOL490

RP: BSc in Geology

Domestic Fee: \$2,168 (2021)

International Fee: \$10,000 (2021)

GEOL470-22A (C) Starts Anytime*Limited entry. See limitation of entry regulations.***GEOL473 Structural Geology**

15 Points 0.1250 EFTS

This course will focus on tectonic and structural aspects of convergent and divergent plate margins. It will give an overview on subduction zones, collisional orogens as well as extensional margins and rift. We will be seeking to discover what structural geology can tell us about mountain building processes, relationships between deformation and metamorphism and the feedback between tectonics and climate.

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

GEOL473-22S2 (C) Semester 2**GEOL474 Igneous Petrology and Geochemistry**

15 Points 0.1250 EFTS

This course will concentrate on the geochemical aspects of igneous petrology. At every stage we will be seeking to discover what magma chemistry can tell us about the nature of igneous processes and the relationships between igneous rocks. Following coverage of "core material" we will discuss particular igneous processes, the petrogenesis of certain rock suites and select some of the "hot topics" in igneous petrology.

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

GEOL474-22S1 (C) Semester 1**GEOL476 Physical Volcanology**

15 Points 0.1250 EFTS

This course aims to provide students with an understanding of the physical processes that influence volcanic deposits resulting from both effusive and explosive eruptions. Topics range from the magma reservoir and conduit to the final resting place of volcanic deposits and specifically include the physical properties of magmas, dynamics of lava flows and domes, structure and origin of calderas, explosive eruptions, pyroclastic flows and surges, debris avalanches, lahars, submarine volcanism and magmatic hydrothermal/geothermal systems. There is a compulsory field trip for this course run early in February.

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

GEOL476-22X (C) 17 Jan 2022 - 26 June 2022**GEOL477 Sediment Transport and Deposition**

15 Points 0.1250 EFTS

Not offered in 2022

This course will focus on depositional facies as a result of sediment transport processes and on the techniques used in facies analysis. Examples of topics include debris flow vs. fluvial transport in alluvial fans; the role of avulsion; fluvial vs. wave vs. tidal transport in deltas and along coastlines; turbidity currents vs. debris flows in shallow to deep marine settings; biogenic controls on sediment transport and sediment production; aeolian vs. fluvial in arid environments. The balance between sediment supply, tectonic subsidence rate, and sea level change affects all of these.

P: Subject to approval of the Head of Department.

GEOL478 Sedimentary Facies and Basin Analysis

15 Points 0.1250 EFTS

This course will focus on depositional facies in different types of sedimentary basins.

Sedimentary systems respond to tectonically controlled basin structures which also affect subsidence and basin geometry. Tectonic setting also determines the prevalence of volcanism which can interact with sedimentary processes. Seminar topics will be based on depositional settings and put into the context of tectonic setting with an emphasis on how it can be applied to petroleum systems. As such, understanding basin geometry and the response of sedimentary processes to basin bounding structures will frame the discussion. Day trips in the field will look at outcrop from a petroleum systems perspective. Seminars will be structured around topics that will vary depending on student interests.

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

GEOL478-22S2 (C) Semester 2**GEOL479 Active Tectonics and Geomorphology**

15 Points 0.1250 EFTS

Active deformation is explored in this course, introducing the criteria by which active deformation can be identified and located. The emphasis is on the interaction between tectonic and other geomorphic processes in shaping the landscape and the way in which the nature of the underlying deformation can be identified and quantified from an analysis of topography.

P: Subject to approval by the Course Coordinator;

RP: Meet requirements for entry to DRRE, ENGE, or MCivilEng 400-level courses.

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

GEOL479-22S2 (C) Semester 2

GPA at 300 level - 6.0 in 60 points at 300 level in GEOL or ENCN. Prefer at least 15 points from STAT01, COSC121 or MATH.

GEOL483 Coal and Environmental Geology

15 Points 0.1250 EFTS

The majority of the world's energy comes from fossil fuels. In New Zealand, Australasia and Asia, oil and gas are derived ultimately from coal and coal-bearing strata. Therefore, any exploration of oil and gas must be well founded in a basic understanding of coal geology. The use of coal and other carbon-based energy sources presents many challenges, not only in exploration but also in the downstream environmental effects. Today's geologists need to understand those consequences and risks.

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

GEOL483-22S2 (C) Semester 2**GEOL484 Special Topic**

15 Points 0.1250 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

GEOL484-22S2 (C) Semester 2**GEOL485 Special Topic**

15 Points 0.1250 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

GEOL485-22S1 (C) Semester 1**GEOL491 Independent Course of Study**

15 Points 0.1250 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

GEOL491-22A (C) Starts Anytime

GEOL493 Unravelling Environmental Histories

15 Points 0.1250 EFTS

Recent geological histories of Canterbury will be investigated via a lab-based collaborative research project utilizing palaeontological data along with sedimentological and chemical records. It is recommended for all students interested in palaeontology, environmental science or Quaternary sciences.

P: Subject to the approval of Head of School

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

GEOL493-22S1 (C) Semester 1**GEOL690 MSc Thesis**

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$8,172 (2021)

International Fee: \$40,000 (2021)

GEOL690-22A (C) Starts Anytime*Part-time enrolment (0.65 EFTS) is available on approval.***GEOL790 Geology PhD**

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$8,172 (2021)

International Fee: \$40,000 (2021)

GEOL790-22A (C) Starts Anytime

*Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

German

*Te Kura Mātāpuna Tangata | School of Language, Social and Political Sciences***GRMN151 Elementary German Language A**

15 Points 0.1250 EFTS

German language course for beginners, i.e. students with no knowledge of German, based on the communicative approach.

R: GRMN106, GRMN114

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

GRMN151-22S1 (C) Semester 1**GRMN151-22S1 (D) Semester 1****GRMN152 Elementary German Language B**

15 Points 0.1250 EFTS

A German language course that follows on from GRMN 151, based on the communicative approach.

P: GRMN151, 20 Level 2 NCEA credits, or placement test.

R: GRMN115, GRMN106

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

GRMN152-22S2 (C) Semester 2**GRMN152-22S2 (D) Semester 2****GRMN213 Highlights of German Culture**

15 Points 0.1250 EFTS

Not offered in 2022

A survey of the main periods of German history and of the most important writers, artists and philosophers of German cultural history and their contributions to the history of ideas in Europe and beyond.

P: Any 15 points at 100 level from GRMN, or any 60 points at 100 level from the Schedule V of the BA.

R: GRMN113

GRMN236 Literary Responses to German Unification

15 Points 0.1250 EFTS

Not offered in 2022

The collapse of the GDR and German unification in 1990 was followed by a mass of writing: essays, diaries, autobiographies, novels, short stories, journalistic debate. This course offers an overview of the main topics and trends of the so-called "unification literature" and of the intellectual and public debate in the years following unification.

P: Any 15 points at 100 level from EURA or GRMN, or any 60 points at 100 level from the Schedule V of the BA.

R: GRMN336, EURA213, EURA306

EQ: EURA213

GRMN251 Intermediate German Language and Culture A

15 Points 0.1250 EFTS

This is the first of two intermediate German language courses. This course aims at extending vocabulary and grammatical structures which will be used to discuss and write about simple topics in contemporary German and German-speaking culture and society.

P: GRMN152, or 20 credits at NCEA Level 3 German, or a placement test. Note: Students with Level 2 NCEA should apply to take an online placement test.

R: GRMN108, GRMN117

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

GRMN251-22S1 (C) Semester 1**GRMN251-22S1 (D) Semester 1****GRMN252 Intermediate German Language and Culture B**

15 Points 0.1250 EFTS

This is the second of two intermediate German language courses. This course extends the reading, writing and discussion skills acquired in GRMN251 and places greater emphasis on writing and reading skills, including the reading of short stories.

P: GRMN251, or placement test. Note: The course assumes a relatively high level of proficiency in German language. Even well prepared high school students should therefore enrol in GRMN251.

R: GRMN108, GRMN118

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

GRMN252-22S2 (D) Semester 2**GRMN252-22S2 (C) Semester 2****GRMN336 Literary Responses to German Unification**

30 Points 0.2500 EFTS

Not offered in 2022

The collapse of the GDR and German unification in 1990 was followed by a mass of writing: essays, diaries, autobiographies, novels, short stories, journalistic debate. This course offers an overview of the main topics and trends of the so-called "unification literature" and of the intellectual and public debate in the years following unification.

P: Any 60 points at 200 level from the Schedule V of the BA.

R: GRMN236, EURA213, EURA306

EQ: EURA306

GRMN351 Advanced German Language and Culture A

30 Points 0.2500 EFTS

This is the first of two advanced German language courses. The course aims at improving the students' all-round knowledge of contemporary German including knowledge of stylistic and regional variation.

P: GRMN252

R: GRMN210, GRMN211, GRMN301, GRMN310, GRMN311, GRMN321, GRMN323

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

GRMN351-22S1 (C) Semester 1**GRMN351-22S1 (D) Semester 1****GRMN352 Advanced German Language and Culture B**

30 Points 0.2500 EFTS

This is the second of two advanced German language courses. It aims at improving the students' all-round knowledge of contemporary German including knowledge of stylistic and regional variation. In addition students' reading and writing skills will be enhanced through work on a fictional text.

P: GRMN351

R: GRMN211, GRMN301, GRMN310, GRMN311, GRMN322, GRMN323

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

GRMN352-22S2 (D) Semester 2**GRMN352-22S2 (C) Semester 2****PACE395 Internship**

30 Points 0.2500 EFTS

What can you do with your major? With your degree? The purpose of the internship course is to explore both the ideological and practical assumptions guiding this question. The course is designed to be a critical, theoretical and "real-world" examination of the practices and ideologies inherent in both community and business organisations. You will apply the analytical skills acquired through your major, and through class seminars and readings, to a project designed by a local company or community group. Please check out the website for further information and specific project descriptions: www.arts.canterbury.ac.nz/internships

P: 150 points, special application and interview, and permission of the Internship Director.

R: ARTS395

EQ: ARTS395

Domestic Fee: \$1,570 (2021)

International Fee: \$7,000 (2021)

PACE395-21SU2 (C) Summer (Nov 21)**PACE395-22A (C) Starts Anytime****PACE395-22S1 (C) Semester 1****PACE395-22S2 (C) Semester 2**

Limited entry. See limitation of entry regulations. A student will be selected for a specific project. Only students accepted for projects will be allowed into the course. Please go to <http://www.arts.canterbury.ac.nz/internships> for more information.

Postgraduate

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

GRMN401 German Language

30 Points 0.2500 EFTS

P: Subject to approval of the Programme Director.

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

GRMN401-22S2 (C) Semester 2

GRMN401-22S2 (D) Semester 2

GRMN410 Independent Course of Study: From Napoleon to the Reunification: Literary Representations of Milestones in German History

30 Points 0.2500 EFTS

P: Subject to approval of the Head of Department.

R: GRMN251, GRMN252, GRMN351 or GRMN352.

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

GRMN410-22W (D) Whole Year (S1 and S2)

GRMN480 Research Essay

30 Points 0.2500 EFTS

P: Subject to approval of the Programme Director.

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

GRMN480-22S2 (C) Semester 2

GRMN480-22S2 (D) Semester 2

GRMN481 Study Abroad in Germany

30 Points 0.2500 EFTS

Not offered in 2022

This course is studied in Germany during the first semester, with supervision from Canterbury. The course content depends on the offerings of the German partner university, but must be a German literature or culture course approved by the German Programme Director.

P: Subject to approval of the Programme Director.

GRMN482 Study Abroad in Germany

30 Points 0.2500 EFTS

Not offered in 2022

This course is studied in Germany during the first semester, with supervision from Canterbury. The course content depends on the offerings of the German partner university, but must be a German literature or culture course approved by the German Programme Director.

P: Subject to approval of the Programme Director.

GRMN650 MA Dissertation

60 Points 0.5000 EFTS

MA Dissertation

P: Subject to approval of the Head of Department.

Domestic Fee: \$3,610 (2021)

International Fee: \$16,500 (2021)

GRMN650-22A (C) Starts Anytime

GRMN650-22S1 (C) Semester 1

GRMN650-22S2 (C) Semester 2

GRMN690 MA Thesis

120 Points 1.0000 EFTS

P: Subject to approval of the Programme Director.

Domestic Fee: \$7,220 (2021)

International Fee: \$33,000 (2021)

GRMN690-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval.

GRMN790 German PhD

120 Points 1.0000 EFTS

P: Subject to approval of the Head of School.

Domestic Fee: \$7,220 (2021)

International Fee: \$33,000 (2021)

GRMN790-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.

Graphic Design

Te Kura Kōwaiwai | Ilam School of Fine Arts

DESI211 Graphic Design 2A

45 Points 0.3750 EFTS

Students will be introduced to developing technical competence in, and broad operational of, theoretical knowledge within the specialised studio discipline. Projects relating to the conventions and techniques of Graphic Design practice, participation in group meetings, critiques, reading groups and critical reflections, documentation of all work.

P: FINA103, or subject to approval of the Head of the School of Fine Arts. Entry to this course is limited.

Domestic Fee: \$2,675 (2021)

International Fee: \$12,938 (2021)

DESI211-22S1 (C) Semester 1

Limited entry. See limitation of entry regulations.

DESI212 Graphic Design 2B

45 Points 0.3750 EFTS

Students will continue the development of technical competence in, and broad operational of, theoretical knowledge within the specialised studio discipline. Projects relating to the conventions and techniques of Graphic Design practice, participation in group meetings, critiques, reading groups and critical reflections, documentation of all work.

P: DESI211, or subject to approval of the Head of the School of Fine Arts. Entry to this course is limited.

Domestic Fee: \$2,675 (2021)

International Fee: \$12,938 (2021)

DESI212-22S2 (C) Semester 2

Limited entry. See limitation of entry regulations.

DESI311 Graphic Design 3

90 Points 0.7500 EFTS

P: DESI212

Domestic Fee: \$5,351 (2021)

International Fee: \$25,875 (2021)

DESI311-22W (C) Whole Year (S1 and S2)

Limited entry. See limitation of entry regulations.

DESI411 Graphic Design 4

90 Points 0.7500 EFTS

P: DESI311

Domestic Fee: \$5,351 (2021)

International Fee: \$25,875 (2021)

DESI411-22W (C) Whole Year (S1 and S2)

Limited entry. See limitation of entry regulations.

Postgraduate

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

DESI601 Graphic Design

120 Points 1.0000 EFTS

P: Subject to approval of the Head of School.

Domestic Fee: \$7,900 (2021)

International Fee: \$37,500 (2021)

DESI601-22A (C) Starts Anytime

Hazard and Disaster Management

Department of Geological Sciences

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

DRRE403 Disaster Risk and Resilience Applications

15 Points 0.1250 EFTS

The DRRE403 course develops students' applied research and practical skills, with a focus on disaster risk and resilience. A strong focus of the course is on developing disaster-related communication skills and confidence, during both crisis and non-crisis situations. Students are introduced to contemporary approaches to decision-making under uncertainty, and disaster ethics, and develop transferrable fundamental skills through writing literature reviews and formal research proposals, and by conducting poster and oral presentations. Practical, applied skills are developed through participation in dynamic disaster simulations (including a mock press conference with the UC Journalism programme), and through writing policy briefs for senior leadership (e.g. government ministers).

P: Programme Director approval.

R: HAZM403

RP: DRRE401

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

DRRE403-22S2 (C) Semester 2

HAZM790 Hazards and Disasters PhD

120 Points 1.0000 EFTS

P: Subject to approval of the Programme Director, Department of Geological Sciences

Domestic Fee: \$8,172 (2021)

International Fee: \$40,000 (2021)

HAZM790-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.

Health Sciences

Te Kaupeka Oranga | Faculty of Health

HLED121 Introduction to Health Education

15 Points 0.1250 EFTS

This course is designed to be an introduction to Health Education through the exploration of fundamental and underlying concepts. It explores and applies the Māori concept of Hauora to the wellbeing of self, relationships, and a range of populations. Students will examine the historical underpinnings of Health Education and develop an in-depth knowledge of current best practice. They will identify health issues that constitute barriers to learning and explore strategies and agencies that work to address these. A strong focus on the conceptual framework of Health education and the socio-cultural factors that determine the wellbeing of a population will be explored.

Domestic Fee: \$802 (2021)

International Fee: \$4,563 (2021)

HLED121-22S1 (C) Semester 1

HLED122 Building Resilience

15 Points 0.1250 EFTS

This course is designed as an introduction to the concept of mental health. It examines concepts of mental health and resilience and considers these in relation to the determinants of health. The course develops students' understanding of models of best practice in mental health education and promotion. Students will explore a range of mental health issues and demonstrate a range of strategies designed to enhance their own and others' mental health.

Domestic Fee: \$802 (2021)

International Fee: \$4,563 (2021)

HLED122-22S2 (C) Semester 2

HLTH101 Introduction to Health Studies

15 Points 0.1250 EFTS

Social, economic, cultural, environmental and psychological factors affect the health of people living in Aotearoa New Zealand. In this course, students develop strategies for gathering information about causes of ill health, investigate effects of ill health, and evaluate the effectiveness of health-related policies and interventions. During the second part of the course expert guest lecturers introduce their research on mental well-being, adolescent health, and problematic substance use. Students use local and international research to investigate a health problem and present that research in a well-structured, well-referenced report.

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

HLTH101-22S1 (C) Semester 1

HLTH101-22S1 (D) Semester 1

HLTH106 Te Wero - Māori Health Issues and Opportunities

15 Points 0.1250 EFTS

This course introduces students to a selection of historical and contemporary Māori health content within a Treaty of Waitangi framework, to support robust analyses of Māori population health issues. Exploring what Māori health was and is, students will be challenged to consider the promise of Māori health and its significance for current and future Aotearoa New Zealand.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

HLTH106-22S1 (C) Semester 1

HLTH106-22S1 (D) Semester 1

HLTH110 Epidemiology

15 Points 0.1250 EFTS

This course introduces students to the measurement of health and disease in populations. Students will learn about defining and measuring health and disease. The course will cover quantitative methods to assess health and disease, including introductory epidemiology and biostatistics.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

HLTH110-22S2 (C) Semester 2

HLTH111 Global Health

15 Points 0.1250 EFTS

Global health challenges cross international borders and responses require international cooperation. In this course we explore (1) the key and emerging challenges and opportunities facing global health, (2) major public health developments that have improved health outcomes for all and (3) identify how economic and political processes have shaped responses to global health problems.

RP: HLTH101

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

HLTH111-22S2 (C) Semester 2

HLED221 Models of Health Education

15 Points 0.1250 EFTS

This course introduces students to theoretical models utilised within Health Education and promotion. It equips students with the skills required to apply their understanding of the models to a range of diverse needs and in a variety of settings. Community engagement and practical workshops enable students to develop an understanding of all stages of programme planning and the facilitation skills required to run education workshops.

P: HLED121

Domestic Fee: \$802 (2021)

International Fee: \$4,563 (2021)

HLED221-22S1 (C) Semester 1

HLED222 Sexualities Education

15 Points 0.1250 EFTS

This course examines current debates, issues and practices of sexuality education. Students will explore the historical and contemporary influences on the delivery of sexuality education and develop knowledge in relation to sexuality and sexual health practices. A focus will be on examining and reframing debates around the nature of sexuality education content and delivery underpinned by an exploration of ethical values and mental health. Topics will include interpersonal skills to enhance relationships, pleasure pedagogy, relationships, gender, the sex industry, sexuality and disability, safer sex practices, the role of the media, strategies for enhancing sexual health and a positive sexuality.

P: HLED121 or HLED122 or HLTH101

Domestic Fee: \$802 (2021)

International Fee: \$4,563 (2021)

HLED222-22S2 (C) Semester 2

HLED223 Physical activity and Nutrition

15 Points 0.1250 EFTS

This course equips students with the knowledge, skills, and understandings necessary to develop programmes that enhance the nutrition and physical activity of people in Aotearoa. Students will explore how the determinants of health influence nutrition and physical activity, and research effective health promotion strategies. An opportunity for health promotion experience will provide students with practical skills.

P: HLED121 or HLED122 or HLTH101

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

HLED223-22S1 (C) Semester 1

HLTH201 Health Promotion

15 Points 0.1250 EFTS

This course will provide an understanding of the differing ways in which the health needs of a population or society may be perceived, assessed and addressed, and how health may be promoted through legislated and policy measures, and community based health promotion or preventive programmes.

P: Any 60 points at 100 level from any subject, or any 30 points at 100 level from HLTH or SPCO
Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

HLTH201-22S1 (C) Semester 1**HLTH202 Health and Society: Applied Research for Aotearoa**

15 Points 0.1250 EFTS

This course introduces students to social and political changes shaping health and health care in Aotearoa. Through applied research, students will develop introductory skills in social science research methods to understand major population health challenges facing Aotearoa.

P: Any 60 points at 100 level from any subject.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

HLTH202-22S2 (C) Semester 2**HLTH213 Health Systems and Policy**

15 Points 0.1250 EFTS

This course introduces students to the history and organisation of health services and public health, with particular relevance to New Zealand. Students will develop an understanding of the structure and function of the New Zealand health system, including the provision, planning, and funding of health services.

P: Any 60 points at 100 level from any subject, or any 30 points at 100 level from HLTH or SPCO

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

HLTH213-22S1 (C) Semester 1**HLTH214 Environmental and Occupational Health**

15 Points 0.1250 EFTS

This course will introduce students to environmental and occupational health, including population interventions designed to improve health through prevention, early detection, communicable disease control, emergency preparedness, and global health interventions.

P: Any 60 points at 100 level from any subject, or any 30 points at 100 level from HLTH or SPCO

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

HLTH214-22S2 (C) Semester 2**HLED321 Health Education in Practice - INTERNSHIP**

15 Points 0.1250 EFTS

What can students do with their studies in Health Sciences? The course is designed to be a critical, theoretical, and real world examination of the practices and ideologies inherent in the delivery of health programmes in a range of settings. Students will apply the knowledge and skills developed in previous courses to a project developed in collaboration with external health providers.

P: Any 60 points at 200 level from any subject including HLTH201, HLTH202, and MAOR270.

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

HLED321-22S1 (C) Semester 1**HLED321-22S2 (C) Semester 2****HLED322 Critical Analysis of Contemporary Health Issues**

15 Points 0.1250 EFTS

Students will critically examine and debate a range of health issues they have encountered in earlier courses, through the media and in their internships. Students will analyse the determinants influencing health issues, and the related implications and consequences for a diverse range of clientele. They will provide recommendations for addressing issues and enhancing wellbeing through effective health education strategies.

P: Any 60 points at 200 level or above from any subject including 45 points from Health Science (HLTH, HLPa and HLED) at 200 level or above.

Domestic Fee: \$802 (2021)

International Fee: \$4,563 (2021)

HLED322-22S2 (C) Semester 2**HLTH301 Evidence in Health**

30 Points 0.2500 EFTS

This course will provide students with an understanding of ways in which evidence is used in health decision making, in health promotion, clinical care and health policy, and the social science tools which underpin much health research.

P: Any 30 points at 200 level from Health Science (HLTH, HLPa and HLED).

Domestic Fee: \$1,851 (2021)

International Fee: \$9,125 (2021)

HLTH301-22S2 (C) Semester 2**HLTH306 Te Kete Hauora - Māori Health Knowledge and Understandings/ Internship**

30 Points 0.2500 EFTS

Not offered in 2022

This course examines the Māori health knowledge/action interface at a number of levels:

1) knowledge of intervention effectiveness through evaluation/monitoring of Māori health outcomes; 2) tools and methods used by services, policy-makers and researchers to collect and analyse Māori health data; and 3) knowledge, beliefs and experiences as they inform the health behaviour of Māori consumers. Addressing questions of 'how do we know what works for Māori health?' and 'what is Māori (health) knowledge?' will connect interventions/approaches to Treaty of Waitangi obligations, and Māori philosophy to health decision-making and investment.

P: HLTH301

HLTH312 Health Planning, Implementation and Evaluation

15 Points 0.1250 EFTS

This course introduces students to the importance of planning and evaluation in the health sector. Students will become familiar with planning and evaluation tools and approaches commonly used in public health, and will learn how to ensure that plans meet current health sector needs and priorities, including how the cultural context affects the planning and delivery of public health interventions.

P: Any 30 points at 200 level from Health Science (HLTH, HLPa and HLED).

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

HLTH312-22S2 (C) Semester 2**Postgraduate**

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

COUN682 Focused Acceptance and Commitment Therapy (FACT)

15 Points 0.1250 EFTS

Focused Acceptance and Commitment Therapy introduces students to theory and practice guidelines that support an understanding of the responsibilities involved in providing Focused Acceptance and Commitment Therapy (FACT) to individuals seeking psychological support. It focuses on developing practitioners' technical and relational issues when delivering FACT in primary care and other settings.

P: Subject to the approval of the Head of Department.

Domestic Fee: \$952 (2021)

International Fee: \$4,000 (2021)

COUN682-21SU2 (D) Summer (Nov 21)**COUN682-22SU2 (C) Summer (Nov 21)****HLTH401 Health and Health Systems**

30 Points 0.2500 EFTS

This course examines international health and health systems, including the determinants of health, health status and health inequalities and the way health systems are organised to meet these challenges. This provides a context for detailed examination of issues facing health and health services in New Zealand and elsewhere.

P: Subject to the approval of the Head of School

R: HLTH601

EQ: HLTH601

Domestic Fee: \$2,255 (2021)

International Fee: \$10,125 (2021)

HLTH401-22S1 (M) Semester 1**HLTH402 Health Information Management**

30 Points 0.2500 EFTS

This course examines how Information Technology meets the information needs of health provider organisations, practitioners, and consumers and how IT can play a significant and positive role in the provision of healthcare services.

P: Subject to approval of the Head of School

Domestic Fee: \$2,255 (2021)

International Fee: \$10,125 (2021)

HLTH402-22S2 (C) Semester 2**HLTH402-22S2 (D) Semester 2****HLTH403 Environmental Health**

30 Points 0.2500 EFTS

Environmental health is an integral aspect of the health of a community. Risks to environmental health include pollution, unsafe foods, and infectious diseases, and many of these risks are increasing as a result of growing populations globally, and the effects of climate change. This course provides the foundation for students to understand environmental health.

Domestic Fee: \$2,255 (2021)

International Fee: \$10,125 (2021)

HLTH403-22S2 (D) Semester 2**HLTH403-22S2 (C) Semester 2**

HLTH405 Special Topic: Independent Study

30 Points 0.2500 EFTS

This course allows for supervised research in an area of personal interest. It is of particular value for health professionals who want to examine a health related issue in depth, and develop research expertise.

P: Subject to approval of the Head of School

R: HLTH605

EQ: HLTH605

Domestic Fee: \$2,255 (2021)

International Fee: \$10,125 (2021)

HLTH405-22A (D) Starts Anytime**HLTH406 Special Topic**

30 Points 0.2500 EFTS

Not offered in 2022

P: Subject to approval of the Head of School

R: HLTH606

EQ: HLTH606

HLTH407 Bioethics

30 Points 0.2500 EFTS

The course provides an overview of moral theories, and explores why moral dilemmas arise and contexts in which ethical decision-making may occur. Legal, regulatory and policy frameworks that specify the responsibilities of those making ethical decisions in the delivery of health care are also explored. Students are taught critical appraisal techniques and share the experiences of professionals from a wide variety of disciplines who are faced with real life dilemmas and have to make ethical decisions daily.

P: Subject to approval of the Head of School

R: HLTH433, HLTH434, HLTH607, PHIL325, PHIL433, PHIL434, PHIL474

EQ: HLTH607

Domestic Fee: \$2,255 (2021)

International Fee: \$10,125 (2021)

HLTH407-22S1 (M) Semester 1**HLTH407-22S1 (D) Semester 1****HLTH408 Special Topic: Independent Study**

15 Points 0.1250 EFTS

This course allows for supervised research in an area of personal interest. It is of particular value for health professionals who want to examine a health related issue in depth, and develop research expertise.

P: Subject to approval of the Head of School

Domestic Fee: \$1,127 (2021)

International Fee: \$5,063 (2021)

HLTH408-22A (D) Starts Anytime**HLTH408-22S2 (M) Semester 2****HLTH409 Health and Culture**

30 Points 0.2500 EFTS

Not offered in 2022

This course explores concepts of health and well-being as they relate to culture, providing a critical approach to understanding health status, approaches and movements within Aotearoa/ New Zealand. Students will be encouraged to reflect on the role and importance of culture in a broad sense, drawing upon Māori health as a case of the inter-relationships, principles and strategies for action.

P: Subject to approval of the Head of School

R: HLTH609

HLTH410 Leading and Motivating People in Healthcare Organizations

30 Points 0.2500 EFTS

This course provides students with a platform to effectively lead, manage, motivate and change New Zealand health sector organisations and the people who work in them.

P: Subject to approval of the Head of School

Domestic Fee: \$2,255 (2021)

International Fee: \$10,125 (2021)

HLTH410-22X (M) 11 July 2022 - 13 Nov 2022**HLTH415 Designing and Managing Learning and Supervision in a Health Care Setting**

15 Points 0.1250 EFTS

Not offered in 2022

This course explores different approaches in teaching and learning in a health professional context through an exploration of the current literature and research. Participants are required to assess alternative perspectives; analyse these rigorously; and communicate their rationale for accepting a model applicable to their work context. Participants will also identify and compare models of supervision and processes for the management of individual learning experiences in a health context. This course prepares students to design and manage learning and supervision in a healthcare environment.

P: Subject to approval of the Head of School

*Limited entry. See limitation of entry regulations.***HLTH416 Issues and Processes in Learning and Supervision in a Health Care Setting**

15 Points 0.1250 EFTS

Not offered in 2022

This course has an emphasis on psychological and social learning dimensions relevant to learning and supervision and therefore focuses on the cognitive and personal factors of how people learn, instructor/student relationships, case based learning, reflective practice and critical thinking, providing feedback, and encouraging self evaluation in working with small groups. Participants are required to critically review the literature in this area, demonstrate its application to teaching sessions, and present findings to the group. The course content can be applied equally to student and peer teaching, or to patient education.

P: Subject to approval of the Head of School

R: EDCT701, EDCT803

*Limited entry. See limitation of entry regulations.***HLTH417 Education Proposal for a Health Context**

30 Points 0.2500 EFTS

Not offered in 2022

HLTH417 is an independent study that must be completed in a 6 - 12 month period. The course builds on the processes and skills learned in the earlier courses: HLTH415 and HLTH416. The course requires the student to apply these processes and skills, reflect on them, and then design and plan an approved project. The project design must be grounded in evidence-based educational practice, and a fit within a declared research methodology, or a business proposal model, or a quality monitoring and evaluative framework.

P: Subject to approval of the Head of School

R: EDCT804

*Limited entry. See limitation of entry regulations.***HLTH418 Special Topic: Conversational Debriefing in the Clinical Practice**

15 Points 0.1250 EFTS

This course examines debriefing strategies as a conversational tool to review actual and simulated events occurring in clinical settings. A range of strategies will be explored and utilised to analyse the actions of individuals and interprofessional teams. Participants will apply debriefing models and reflect on the outcomes and human factors that drive actions in practice with an intent to improve or sustain performance in the future.

P: Subject to approval of the Head of School

Domestic Fee: \$969 (2021)

International Fee: \$4,125 (2021)

HLTH418-22S2 (C) Semester 2*Limited entry. See limitation of entry regulations.***HLTH430 Motivating Behaviour Change I**

30 Points 0.2500 EFTS

This course provides introductory training in motivating behaviour change, including theory, research and practice, with particular emphasis on motivational interviewing.

P: Subject to approval of the Head of School

Domestic Fee: \$2,255 (2021)

International Fee: \$10,125 (2021)

HLTH430-22S1 (M) Semester 1**HLTH431 Motivating Behaviour Change II**

30 Points 0.2500 EFTS

This course provides advanced training in motivating behaviour change, including theory, research and practice, with particular emphasis on motivational interviewing.

P: Subject to approval of the Head of School, and HLTH 430

Domestic Fee: \$2,255 (2021)

International Fee: \$10,125 (2021)

HLTH431-22S2 (M) Semester 2**HLTH433 Bioethics A**

15 Points 0.1250 EFTS

Not offered in 2022

This course examines frameworks for moral decision making in the health sector.

P: Subject to approval of the Head of School

R: HLTH407, HLTH607, PHIL474

EQ: PHIL474

HLTH442 Complementary and Alternative Medicine (CAM) Evidence Based Knowledge

30 Points 0.2500 EFTS

HLTH442 is a level 8 course, which examines evidence based knowledge relating to complementary and alternative medicine (CAM), Integrated Medicine (IM) and Traditional/ Indigenous Health Practices within Aotearoa New Zealand. Participants will explore how evidence based knowledge is created through exploration of research designs, methodology and ethical considerations as applicable to CAM/IM/Traditional/Indigenous health practices. Participants can explore an individual topic of interest through assessments, which involve interpreting and synthesising extant knowledge to enhance practice or awareness.

P: Subject to approval of the Head of School
 Domestic Fee: \$2,168 (2021)
 International Fee: \$10,000 (2021)
HLTH442-22S2 (M) Semester 2

HLTH448 The Foundation of Hospice Palliative Care

30 Points 0.2500 EFTS

This course is designed around four themes: understanding and caring for self, understanding others; caring for the person, family and whānau living with a terminal illness; the practice of palliative care (therapeutic interventions and treatment modalities); creating and maintaining a centre of excellence and learning. It provides knowledge that is foundational to practice in the area, and introduces the participant to relevant theory, research and critical reflection that is deemed essential to palliative care practice.

P: Subject to approval of the Head of School
 Domestic Fee: \$2,255 (2021)
 International Fee: \$10,125 (2021)

HLTH448-22X (D) 24 Jan 2022 - 01 May 2022

HLTH449 Praxis in Hospice Palliative Care

30 Points 0.2500 EFTS

This course is designed around the four themes in HLTH 448 with increasing integration of each theme to increase the student's understanding of the field of palliative care. It provides an opportunity for the further development of praxis as the participant works on the application of theory, research and reflection in action to provide evidence based care.

P: Subject to approval of the Head of School
 Domestic Fee: \$2,255 (2021)
 International Fee: \$10,125 (2021)

HLTH449-22X (D) 13 June 2022 - 02 Oct 2022

HLTH450 Palliative Care: Advanced Theory and Practice

30 Points 0.2500 EFTS

The course will explore historical, political and philosophical concepts and issues in relation to palliative care across the lifespan. Students from different professional backgrounds will learn together in order to explore, reflect and extend the range of their palliative practice. International, national and local community influences will be explored.

P: Subject to approval of the Head of School
 Domestic Fee: \$2,255 (2021)
 International Fee: \$10,125 (2021)

HLTH450-22X (D) 20 June 2022 - 30 Oct 2022

HLTH460 Epidemiology and Critical Appraisal

30 Points 0.2500 EFTS

The purpose of this course is to develop skills and knowledge of critical appraisal of health research. Upon completion of this course, students will develop or enhance skills and understanding necessary for interpretation of research designs, analysis of health research data, reports, review of literature, and gain skills that will enable them to successfully write grants and research proposals.

P: Subject to approval of the Head of School.
 R: HLTH462
 Domestic Fee: \$2,255 (2021)

International Fee: \$10,125 (2021)

HLTH460-22S1 (D) Semester 1

HLTH461 Special Topic

30 Points 0.2500 EFTS

P: Subject to approval of the Director, Health Sciences Centre

Domestic Fee: \$2,255 (2021)

International Fee: \$10,125 (2021)

HLTH461-22S2 (C) Semester 2

HLTH462 Quantitative Methods in Health

15 Points 0.1250 EFTS

This course will provide students with an understanding of key quantitative methodological issues in health research from the perspective of research designs and development of current best evidence in health.

P: Subject to approval of the Head of School

R: HLTH460

Domestic Fee: \$1,127 (2021)

International Fee: \$5,063 (2021)

HLTH462-22S2 (C) Semester 2

HLTH463 Whānau and Community Health

30 Points 0.2500 EFTS

This course will enable students to design, implement and critically analyse interventions in response to socio-ecological influences on whānau and community health in a health care context.

P: Subject to approval of the Head of School of Health Sciences
 R: HLTH456

Domestic Fee: \$2,255 (2021)

International Fee: \$10,125 (2021)

HLTH463-22S1 (M) Semester 1

HLTH464 Research Approaches for Health and Sport

30 Points 0.2500 EFTS

This course will develop students' specialist knowledge and skills to support postgraduate research and/or industry led projects. Philosophical, ethical and methodological issues influencing research design will be examined and applied to researching health or sport related issues.

P: Subject to approval of the Head of School of Health Sciences.

Domestic Fee: \$2,255 (2021)

International Fee: \$10,125 (2021)

HLTH464-22S1 (C) Semester 1

HLTH465 Professional Frameworks for Nursing Practice

30 Points 0.2500 EFTS

This course will enable students to understand the responsibilities of nursing and the inter-professional team, to communicate professionally and to understand ethical, legal and regulatory frameworks for health care delivery and practice.

P: Subject to approval of the Head of School of Health Sciences

R: HLTH452

Domestic Fee: \$2,255 (2021)

International Fee: \$10,125 (2021)

HLTH465-22X (M) 14 Feb 2022 - 05 June 2022

Limited entry. See limitation of entry regulations.

HLTH466 Health Assessment, Physiology and Pharmacology for Clinical Practice

30 Points 0.2500 EFTS

This course will enable students to gain the health assessment, bioscience and pharmacology knowledge and skills required to understand disease processes, the rationale for interventions and how drugs affect the body.

P: Subject to approval of the Head of School of Health Sciences.

R: HLTH453

Domestic Fee: \$2,255 (2021)

International Fee: \$10,125 (2021)

HLTH466-22S1 (M) Semester 1

Limited entry. See limitation of entry regulations.

HLTH467 Mental Health and Addictions

30 Points 0.2500 EFTS

This course will enable students to select, critically analyse and apply theoretical frameworks related to mental health and addiction across the lifespan and their impact on individuals and family/whānau.

P: Subject to the approval of the Head of School of Health Sciences

R: HLTH454

Domestic Fee: \$2,255 (2021)

International Fee: \$10,125 (2021)

HLTH467-22X (M) 11 July 2022 - 16 Oct 2022

Limited entry. See limitation of entry regulations.

HLTH468 Acute and Long Term Health Care

30 Points 0.2500 EFTS

This course will introduce students to health service contexts and the complexity of care across a range of settings. This is achieved through comprehensive health assessment and the design of care plans leading to considered interventions underpinned by evidence based practice.

P: Subject to approval of the Head of School of Health Sciences

R: HLTH455

Domestic Fee: \$2,255 (2021)

International Fee: \$10,125 (2021)

HLTH468-22X (M) 11 July 2022 - 16 Oct 2022

Limited entry. See limitation of entry regulations.

HLTH469 Health Issues in the Community

30 Points 0.2500 EFTS

This course provides the foundation for students to understand the health issues in the community and to develop skills related to improving it. Students are introduced to the concepts, practices and skills to effect better health and wellbeing within communities.

Domestic Fee: \$2,255 (2021)

International Fee: \$10,125 (2021)

HLTH469-22S2 (C) Semester 2

Higher Education

HLTH472 Introduction to Psychometric Theory and Administration

15 Points 0.1250 EFTS

This course covers psychometric theory and familiarises students with the construction, administration and interpretation of psychometric instruments which are not restricted to Registered Psychologists.

P: Subject to approval of the Head of School

R: EDUC624, HLTH671

Domestic Fee: \$1,127 (2021)

International Fee: \$5,063 (2021)

HLTH472-22S1 (C) Semester 1

HLTH489 Health Sciences Professional Practice

30 Points 0.2500 EFTS

Not offered in 2022

This course allows Health Science students to relate their specific skills to health-related government, private and non-profit organisations while gaining experience in a workplace.

P: 60 points from the Health Sciences Postgraduate Diploma or Masters Schedule and head of Department approval.

RP: Individual discussion with proposed academic supervisor.

Limited entry. See limitation of entry regulations.

HLTH690 MHealSc Thesis

120 Points 1.0000 EFTS

P: Subject to approval of the Head of School

Domestic Fee: \$8,648 (2021)

International Fee: \$40,500 (2021)

HLTH690-22A (D) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval.

HLTH695 Health Sciences Dissertation

60 Points 0.5000 EFTS

P: Subject to approval of the Head of School

Domestic Fee: \$4,509 (2021)

International Fee: \$20,250 (2021)

HLTH695-22A (D) Starts Anytime

HLTH697 Health Sciences Thesis

90 Points 0.7500 EFTS

P: Subject to approval of the Head of School

Domestic Fee: \$6,486 (2021)

International Fee: \$30,375 (2021)

HLTH697-22A (D) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval.

HLTH790 Health Sciences PhD

120 Points 1.0000 EFTS

P: Subject to approval of the Head of School of Health Sciences

Domestic Fee: \$8,648 (2021)

International Fee: \$40,500 (2021)

HLTH790-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.

HLTH796 Research Portfolio

120 Points 1.0000 EFTS

DHSC Part I: Research Portfolio The course will be taught part-time over two years / four semesters. Each semester has a particular focus to provide a systematic approach in exploring the literature and other sources of knowledge. Students will develop the academic skills to identify a doctoral thesis topic, and formulate a research proposal appropriate for this level of study. There are four interconnected areas of development: Literature Review; Analytical / contextual Project; Methodological Project; and Research Proposal, each informing and extending the area of interest. In each of the areas of development the unique context of Aotearoa / New Zealand will be applied to demonstrate a bicultural partnership.

P: Subject to the approval of the Head of Department.

Domestic Fee: \$8,648 (2021)

International Fee: \$40,000 (2021)

HLTH796-22A (C) Starts Anytime

Higher Education

Te Kura Ārahi Ako | School of Educational Studies and Leadership

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

HEDN601 Introduction to Tertiary Teaching

15 Points 0.1250 EFTS

A critical examination of personal theories of tertiary teaching within a comparative framework of contemporary literature and practice.

P: Subject to approval of the Programme Coordinator

R: HEDN501, HEDN502

Domestic Fee: \$969 (2021)

International Fee: \$4,125 (2021)

HEDN601-22X (C) 21 Feb 2022 - 06 Nov 2022

HEDN601-22A (D) Starts Anytime

HEDN602 Tertiary Teaching Methods

15 Points 0.1250 EFTS

Not offered in 2022

Examination of contemporary research on student learning. Exploration of the effects of participant's teaching methods on how students learn in order to enhance student learning outcomes.

P: Subject to approval of the Programme Coordinator

R: HEDN501, HEDN502

HEDN603 Learning Design and Assessment in Tertiary Teaching

15 Points 0.1250 EFTS

This course examines contemporary research on learning design and assessment in tertiary teaching, and explores learning and assessment design practices in order to enhance student learning outcomes.

P: Subject to approval of the Programme Coordinator

R: HEDN501, HEDN502

Domestic Fee: \$969 (2021)

International Fee: \$4,125 (2021)

HEDN603-22X (C) 21 Feb 2022 - 06 Nov 2022

HEDN604 Research in Tertiary Teaching and Learning

15 Points 0.1250 EFTS

Not offered in 2022

In this capstone course of the Postgraduate Certificate in Tertiary Teaching we will study the Scholarship of Teaching and Learning. The course aims to provide participants with the knowledge and skills to set up, conduct, and report on (action) research into an aspect of teaching and learning in the tertiary context. You are encouraged to do a research project based on your own teaching practice, so you can use the results to inform further development of your teaching. The foci of the course are on formulating an educational research question, developing the study design and methodology, and human ethics considerations.

P: HEDN601 and HEDN602 and HEDN603; or approval of the Programme Coordinator

R: HEDN501, HEDN502

HEDN790 Higher Education PhD

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$7,220 (2021)

International Fee: \$33,000 (2021)

HEDN790-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.

History

Te Kura Kete Aronui | School of Humanities and Creative Arts

HIST127 American History
15 Points 0.1250 EFTS

Not offered in 2022

The history of British America and the US from 1492 to the present.

R: HIST119, HIST120, AMST127

EQ: AMST127

HIST128 New Zealand History from Waka to Wētā
15 Points 0.1250 EFTS

Not offered in 2022

From the arrival of the first peoples, to the successful creativity of Wētā Workshops, this course introduces the essentials of New Zealand history according to the very latest scholarship.

Located at the fault lines of the past, the course mixes wars, strikes, disease, guilt and apology with utopic visions and world-leading creativity and innovation. Major themes are Māori and Pakeha conflict and collaboration, the development and tensions of a 'new world' colonial nation, and New Zealand's changing place on the world stage. Through a series of innovative assignments, you will learn how to research and write history at the university level.

R: HIST108, HIST109, HIST124

HIST133 Medieval Europe: from Rome to the Black Death
15 Points 0.1250 EFTS

A survey course covering a range of themes in Western European history including social and economic developments, government, religion and warfare (c. 300 - 1400).

R: HIST125, HIST130

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

HIST133-22S1 (C) Semester 1

HIST136 Revolutions and Revolutionaries
15 Points 0.1250 EFTS

This course explores the nature of revolutions and their role in shaping the modern world. After looking at various definitions of the term 'revolution', and a range of historical approaches to the study of revolutions, the course looks in turn at a series of case studies such as the American, French and Russian revolutions, and their causes, course and consequences.

R: HIST123

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

HIST136-22S1 (C) Semester 1

HIST137 Modern World History
15 Points 0.1250 EFTS

This course explores some of the major ideas and events that have shaped world history since 1945 and asks: Which are stronger, the forces for world unity or the forces for fragmentation? The first half of the course looks at the immediate post-war period. This is the time when Europe declines, European colonies become new nations and the United States of America (U.S.A.) gains power. It is the time of the Cold War when the world is divided by 'an iron curtain' between western capitalist states led by the U.S.A. and eastern bloc communist states centered on the Union of Soviet Socialist Republics (USSR). The second half of the course looks at the world after the collapse of communism. We study the global impacts of the struggle for resources and the increasing prominence of terrorism in the modern world.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

HIST137-22S2 (C) Semester 2

HIST223 France in the Middle Ages, 1150-1350
15 Points 0.1250 EFTS

Not offered in 2022

An in-depth exploration of late medieval France, focusing on society, culture and political ideas in the period 1150 to 1350. This course will chart the growing power of the Capetian kings of France and their impact on the wider European stage. Focusing on the twelfth, thirteenth and the first half of the fourteenth century, it will explore key themes in later medieval history including the crusade movement, the birth of gothic architecture and the development of political and intellectual ideas.

P: Any 15 points at 100 level in HIST or CLAS120, or any 60 points at 100 level from the Schedule V of the BA.

R: HIST423

HIST235 Tsardom to Empire: Russian History 1480 to 1917
15 Points 0.1250 EFTS

Not offered in 2022

This course explores aspects of social, political, economic, cultural, religious, and intellectual history of Russia prior to 1917, with a particular emphasis on the autocratic tradition as developed from 1480 onwards. The course also investigates the making of the Russian Empire while also examining ways in which political forces unique to Russia shaped the country's cultural specificity in the European context.

P: Any 15 points at 100 level in HIST, EURA, or RUSS, or CLAS120, or any 60 points at 100 level from the Schedule V of the BA.

R: HIST138, HIST335, RUSS111, RUSS235, RUSS335, EURA235, EURA335

EQ: RUSS235, EURA235

HIST239 The First World War: Total War in Europe
15 Points 0.1250 EFTS

The First World War is often described as a total war. Between 1914 and 1918 over 9 million combatants were killed and European nations deliberately targeted civilians for attack.

Governments gave themselves extraordinary powers over people's lives as they tried to turn whole societies, economies and cultures to the war effort. The results of this ranged from social and political reform to revolution, genocide and the collapse of empires. Students will explore the war's impacts on the people of Europe, investigating its origins; military, political and social developments; and the legacies of both peace diplomacy and war cultures. Focusing primarily on Britain, France and Germany, this course asks how the experience and endurance of total war affected Europe, and what this meant for the modern world.

P: Any 15 points at 100 level in HIST or CLAS120, or any 60 points at 100 level from the Schedule V of the BA.

R: HIST301, HIST302, HIST305, HIST339

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

HIST239-22S1 (C) Semester 1

HIST243 Kiwi Culture
15 Points 0.1250 EFTS

This course explores the invention of kiwi culture from first Māori contact with Europeans to Peter Jackson's Lord of the Rings films. Key questions asked are: How has national identity formed? What kiwi traditions have emerged? Who is a New Zealander and who is excluded from dominant concepts of nation? What aspects of culture are indigenous and how much is copied from overseas? Topics under examination include key defining moments, peacekeeping, sport and leisure, food, beauty, fashion, arts and crafts, literature and music, kiwi icons, kiwiana, overseas fame, sexuality and morality, environmentalism, national disasters, immigration and multiculturalism.

P: Any 15 points at 100 level in HIST or CLAS120, or any 60 points at 100 level from the Schedule V of the BA.

R: HIST352

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

HIST243-22S2 (C) Semester 2

HIST247 Slavery to Freedom in World History
15 Points 0.1250 EFTS

Not offered in 2022

This course focuses on histories of slavery and bonded labour from the ancient to the modern world. It explores the links between histories of unfree labor, ideas of citizenship and the influence of 'enlightenment' thinking in the shaping of modern democracies.

P: Any 15 points at 100 level in HIST or CLAS120, or any 60 points at 100 level from the Schedule V of the BA.

R: HIST371

HIST253 Renaissance and Reformation Europe
15 Points 0.1250 EFTS

Not offered in 2022

A thematic study of two major transformations in European History between c.1350 and c.1620.

P: Any 15 points at 100 level in HIST or CLAS120, or any 60 points at 100 level from the Schedule V of the BA.

R: HIST373

HIST254 Making Imperial Britain, 1780-1914
15 Points 0.1250 EFTS

This course explores social, cultural, political and economic developments in the history of Britain and its empire between 1780-1914. The course focuses mainly on events within the British Isles, but also investigates the expansion and operation of the British empire. A major concern of the course is the development of British identities, which is explored in the context of varying conceptions across the four nations of the British Isles as well as by Britons in the empire.

P: Any 15 points at 100 level in HIST or CLAS120, or any 60 points at 100 level from the Schedule V of the BA.

R: HIST376

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

HIST254-22S2 (C) Semester 2

History

HIST255 Heroines in History

15 Points

0.1250 EFTS

Not offered in 2022

Heroines' histories will be used to represent different moments of womanhood and femininity, women's place in domesticity, war, religion, education, politics and governance. Themes include spirituality, health and well-being, warrior and regal identities, cross-dressing, martyrdom and untimely death, imperialism, science and technology and glamour. Heroines to be studied include Boadicea, Joan of Arc, Elizabeth I, Catherine the Great, Florence Nightingale, Kate Sheppard, Marie Curie, Te Puea, Jean Batten, Rosa Luxemburg and Diana, Princess of Wales.

P: Any 15 points at 100 level in HIST or CULT or CLAS120, or any 60 points at 100 level from the Schedule V of the BA.

R: HIST361, GEND215, CULT336

EQ: CULT336

HIST257 America in Revolution and Civil War

15 Points

0.1250 EFTS

This course explores the basic political ideas and institutions of early America in association with a close examination of the American revolution and the Civil War. It considers ideas from multiple perspectives and by means of close reading of texts of multiple genre including political essays, letters, fiction and autobiography.

P: Any 15 points at 100 level in HIST or CLAS120, or any 60 points at 100 level from the Schedule V of the BA.

R: HIST377

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

HIST257-2251 (C)

Semester 1

HIST258 Revisiting Empire

15 Points

0.1250 EFTS

This course provides a critical understanding of decolonisation and legacies of empire in making the modern world. You will be introduced to major debates in the history of British World scholarship. Topics are from the latest ideas in the area and include commemoration and the toppling of statues, cultural symbols of nation and empire, landscape and power, war and patriotism, settler/indigenous contact zones, environmental imperialism, female imperialism, gender and sexuality, empire and memory, war and patriotism, travel and the sea, and food and marketing. Aotearoa New Zealand, Africa, Australia and Canada are examined.

P: Any 15 points at 100 level in HIST or CLAS120, or any 60 points at 100 level from the Schedule V of the BA.

R: HIST378

EQ: HIST378

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

HIST258-2252 (C)

Semester 2

HIST259 Te Ao Mārama: Māori Thought

15 Points

0.1250 EFTS

Not offered in 2022

The paper explores key aspects of Māori thought, philosophies and ideas through Māori history and culture. Topics include: oral traditions and iwi traditions, tikanga, customs and social life, whakaaro rapunga, philosophies and Māori thought leaders, gender and sexuality, identity and Māori art and writing, conservation, natural lore of land, ocean, taniwha, kaitiakitanga and resource management.

P: Any 15 points at 100 level in HIST or MAOR or CLAS120, or any 60 points at 100 level from the Schedule V of the BA.

R: MAOR214

EQ: MAOR214

HIST262 Māori and Indigenous Development

15 Points

0.1250 EFTS

This course will examine Māori and Indigenous development. Students will explore both historical and contemporary developments and the factors which have affected Māori and Indigenous engagement with globalisation. For example the course will look at areas such as economic development, education and health, amongst others.

P: Any 15 points at 100 level in HIST or MAOR or CLAS120, or any 60 points at 100 level from the Schedule V of the BA.

R: MAOR212, HIST379

EQ: MAOR212

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

HIST262-2251 (C)

Semester 1

HIST265 Medieval Crusades and Crusaders

15 Points

0.1250 EFTS

Not offered in 2022

A study of a key episode in world history. What motivated Christian Europeans to liberate the Holy Land, what did the Crusades achieve, and how were relations between Europe and Islam affected?

P: Any 15 points at 100 level in HIST, or CLAS120, or any 60 points at 100 level from the Schedule V of the BA.

R: HIST340 and this option at HIST250, HIST251, HIST350, HIST351, HIST387

HIST268 Te Tiriti: The Treaty of Waitangi

15 Points

0.1250 EFTS

This course uses the Treaty of Waitangi to frame examinations of contemporary New Zealand society. We ask questions designed to highlight and emphasise the relevance of the Treaty of Waitangi to everyday New Zealanders. In addition, the course looks at the importance of this document in the maintenance of Crown and Māori relations. Topics covered range from the signing of the Treaty, and historical developments, to the protest movements and activism of the continuing Māori renaissance period, race relations and one law-for-all.

P: Any 15 points at 100 level in HIST, CULT, HSRV, MAOR, POLS, or SOCI, or CLAS120, or any 60 points at 100 level from the Schedule V of the BA.

R: MAOR219, POLS218, POLS258, SOCI209, HSRV207, CULT219

EQ: MAOR219, POLS258, SOCI209, HSRV207, CULT219

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

HIST268-2252 (C)

Semester 2

HIST269 The Rise and Fall of Communism in Central and Eastern Europe, 1944 - 1991

15 Points

0.1250 EFTS

Not offered in 2022

The end of the Cold War and of Eastern European communism in 1989-1991 did not mean the loss of global interest in developments in the former communist countries of Central and Eastern Europe. On the contrary, the recent history of these countries, the period of their post-communist transition to political democracy and a market economy, has been marked with new instabilities, crises and wars which have had serious implications for global trends. This course is designed to provide a broad background to an understanding of the political, socio-economic, and cultural developments in the former communist countries of Central and Eastern Europe as an essential prerequisite to understanding the modern world.

P: Any 15 points at 100 level in HIST or EURA, or CLAS120, or any 60 points at 100 level from the Schedule V of the BA.

R: EURO226, EURO222, HIST264 (prior to 2006), INCO225, HIST386, EURA226, EURA326, EURO326, HIST329

EQ: EURA226

HIST270 Anzac Neighbours: Australia and New Zealand

15 Points

0.1250 EFTS

Not offered in 2022

This course compares and contrasts the history of New Zealand with the history of its largest and closest neighbour, Australia. The course explores the extent to which the neighbours share a history as well as what makes this country distinctive. Analysis extends from the Anzac tradition to the idea of Australasia. The aim is to understand why New Zealand is closely integrated with Australia today.

P: Any 15 points at 100 level in HIST, or CLAS120, or any 60 points at 100 level from the Schedule V of the BA.

R: HIST334

HIST274 The Soviet Experiment and Its Aftermath

15 Points

0.1250 EFTS

The emphasis is on Russia's 20th century Communist experience and its many legacies in the fast-changing post-Soviet society. Together we will examine the causes of the Bolshevik Revolution and the greatest social experiment in the history of humankind that followed it. The course will explore the roots of Stalinism, the causes and consequences of Soviet victory over Nazi Germany in World War II, the space race and other Cold War competitions between the superpowers, Gorbachev's reforms and the collapse of the USSR. Was the end of the Communist rule in the Soviet Union predetermined?

P: Any 15 points at 100 level in HIST, EURA, or RUSS, or CLAS120, or any 60 points at 100 level from the Schedule V of the BA.

R: RUSS218, RUSS318, HIST374, EURA214

RP: RUSS111/HIST138

EQ: RUSS218, EURA214

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

HIST274-2252 (C)

Semester 2

HIST275 The Muslim World, 600-1650

15 Points

0.1250 EFTS

A social, cultural and political history of the Islamic world between 600 and 1650.

P: Any 15 points at 100 level in HIST, or CLAS120, or any 60 points at 100 level from the Schedule V of the BA.

R: HIST375

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

HIST275-2251 (C)

Semester 1

HIST276 Myth and History

15 Points 0.1250 EFTS

Not offered in 2022

The myths we create are part of the fabric that make up our past and how we understand it. When we look into the past to find out what really happened, we not only face the problem of sifting myth from fact but we also face the danger of inventing new myths and traditions to go with it. This course will look at how history and myth interact and the problems that this interaction presents to the historian. Students will be introduced to tribal myths and how these stories assimilate 'historical events'. Students will then be introduced to a range of theories and methods historians and indigenous scholars use to manage the obvious tensions within.

P: Any 15 points at 100 level in HIST or MAOR or CLAS120, or any 60 points at 100 level from the Schedule V of the BA.

R: HIST353, MAOR329

HIST278 America and the World into the 21st Century

15 Points 0.1250 EFTS

This course provides an overview of American foreign policy and domestic politics in the second half of the twentieth century.

P: Any 15 points at 100 level in HIST or CLAS120, or any 60 points at 100 level from the Schedule V of the BA.

R: HIST364

Domestic Fee: \$785 (2021)

International Fee: \$3,500 (2021)

HIST278-215U2 (C) Summer (Nov 21)

HIST279 Social and Cultural History of India

15 Points 0.1250 EFTS

Not offered in 2022

Focussing on ancient, colonial and contemporary India, this course considers themes such as untouchability and caste relationships, village and high culture Hinduism, religious conversion as social protest, violence against women and state use of spy and surveillance techniques throughout Indian history. The course investigates religion, gender and the state as contexts for regulation of and resistance to cultural and political authority at different times in Indian history.

P: Any 15 points at 100 level in HIST or CLAS120, or any 60 points at 100 level from the Schedule V of the BA.

R: HIST367, SAST302, SAST202

EQ: SAST202

HIST281 Resistance and Collaboration in Nazi Europe

15 Points 0.1250 EFTS

Not offered in 2022

This course examines resistance in Nazi-occupied Europe and Nazi Germany in the period 1939 to 1945. Above all, the course investigates the impact of Nazi social, economic and racial policies on European society, and the diverse ways in which 'ordinary' Europeans responded to these politics.

P: Any 15 points at 100 level in HIST or CLAS120, or any 60 points at 100 level from the Schedule V of the BA.

R: HIST369, HIST239 before 2011, HIST381

HIST283 Ethnicity, Racism and History

15 Points 0.1250 EFTS

This course provides a critical introduction to the historical study of ethnicity, racism, genocide and migration.

P: Any 15 points at 100 level in HIST, ANTH, MAOR, PACS, or SOCI, or CLAS 120, or any 60 points at 100 level from the Schedule V of the BA.

R: ANTH223, MAOR230, PACS204, SOCI223

EQ: ANTH223, MAOR230, PACS204

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

HIST283-2252 (C) Semester 2

HIST285 The Irish Revolution, 1916-1923: Violence and Memory

15 Points 0.1250 EFTS

Not offered in 2022

The Irish Revolution, 1916-1923, marked the emergence of a modern independent Irish state. This course recreates the excitement and difficulties of this revolution, from the 1916 Rising and the War of Independence, to the Treaty, Partition of Northern Ireland, and the Civil War. The impact of Irish independence will be explored through legacies and memories of violence.

P: Any 15 points at 100 level in HIST or CLAS120, or any 60 points at 100 level from the Schedule V of the BA.

HIST288 Exploring the Past: Public History, Memory and Material Culture

15 Points 0.1250 EFTS

Not offered in 2022

This course is a 'hands-on' introduction to public history and historical ethnography, taught through a combination of workshops, tutorials and field trips.

P: Any 15 points at 100 level in HIST, ANTH, or SOCI, or CLAS120, or any 60 points at 100 level from the Schedule V of the BA.

R: ANTH238, SOCI238

EQ: ANTH238

HIST291 Chinese Society and Culture since 1949

15 Points 0.1250 EFTS

Not offered in 2022

China is making history with its stunning economic growth, with sweeping changes in its social, cultural and political life, and with its emergence as a global power. This course takes you on an exciting and thought-provoking journey to help you discover where these changes have come from and what they mean for China and the world. It is taught in English and requires no prior knowledge of China.

P: Any 15 points at 100 level in HIST or CHIN, or CLAS120, or any 60 points at 100 level from the Schedule V of the BA.

R: CHIN208, CHIN303, HIST391

EQ: CHIN208

HIST292 Oral Traditions and Modern Histories of Ngāi Tahu

15 Points 0.1250 EFTS

The story of Ngāi Tahu is a fascinating example of a small impoverished community of tribal members who by the 1970s had been reduced to a membership of less than 400. Within two decades this tribe had emerged as one of the largest corporations in the South Island with a tribal membership of over 40,000. It is the largest land-owner in the South Island with significant interests in fisheries and tourism. Explaining how and why this happened will be one of the core themes of this course. The first part of this course will look at the oral traditions and myths of Ngāi Tahu with a particular emphasis on narrative templates and how these templates are reproduced in the oral traditions that outline the tribe's migration from Wellington to the South Island. The second part of the course will look at Ngāi Tahu's movement from its pre-contact era to initial contact with early explorers, the settler government and the subsequent land transactions that ran from 1844 to 1864. The course will then finish with an overview of how Ngāi Tahu and the Crown negotiated on the largest Treaty settlement packages in the nation's history.

P: Any 15 points at 100 level in HIST or MAOR, or CLAS120, or any 60 points at 100 level from the Schedule V of the BA.

R: MAOR285

EQ: MAOR285

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

HIST292-2251 (C) Semester 1

HIST293 Fascism and the Far-Right in Europe

15 Points 0.1250 EFTS

Not offered in 2022

This course examines the rise of Fascist movements in Italy, Germany, France and Eastern Europe during the late nineteenth and early twentieth centuries before considering the far-right and fascist regimes created by Franco, Mussolini and Hitler. The course also reflects on the state of the European radical right today.

P: Any 15 points at 100 level in HIST or CLAS120, or any 60 points at 100 level from the Schedule V of the BA.

R: HIST393

HIST294 Recovering Christchurch 1850-2010

15 Points 0.1250 EFTS

Not offered in 2022

As a systematically planned new world city on the edge of empire Christchurch has always been a fascinating place to study. Whose stories have formed the city's written collective memory, and what has been left out? Due to the earthquakes from 2010 the city has a unique rupture, or ending point for its colonial past. As Christchurch considers its future, this course critically remembers its history. Significant aspects of the social, cultural, political and economic history of the South Island's largest city will be investigated through a series of lectures and documentary exercises. Students will gain an overall knowledge of the city's urban history, with opportunity to focus on advanced research topics.

P: Any 15 points at 100 level in HIST or CLAS120, or any 60 points at 100 level from the Schedule V of the BA.

R: HIST394

HIST295 Crime, Criminology and Policing in Modern Europe since 1750

15 Points 0.1250 EFTS

Beginning in the mid-eighteenth century, this course traces the development of crime, criminology and policing in modern Europe. Paying particular attention to the rise of competing biological and sociological models of criminality and the birth of forensics, the course examines the social, political and professional implications of attempting to put the investigation, understanding, and punishment of crime on a scientific footing. Topics covered will include: crime and insanity, Lombroso and the born criminal, the professionalisation of policing, and the development of fingerprinting and crime scene analysis.

P: Any 15 points at 100 level in HIST or CLAS120, or any 60 points at 100 level from the Schedule V of the BA, or 60 points at 100 level from Schedules C or E of the BCJ.

R: HIST395

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

HIST295-2251 (C) Semester 1

HIST298 An Environmental History of Ancient to Modern India: Elephants and Empires

15 Points 0.1250 EFTS

This course considers the way humans have historically interacted with the land, water, plant and animal life in the Indian sub-continent and how these interactions shaped and were shaped by human kingdoms and empires from ancient to modern times.

P: Any 15 points at 100 level in HIST or CLAS120, or any 60 points at 100 level from the Schedule V of the BA.

R: HIST398

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

HIST298-2251 (C) Semester 1**HIST329 The Rise and Fall of Communism in Central and Eastern Europe, 1944 - 1991**

30 Points 0.2500 EFTS

Not offered in 2022

The end of the Cold War and of Eastern European communism in 1989-1991 did not mean the loss of global interest in developments in the former communist countries of Central and Eastern Europe. On the contrary, the recent history of these countries, the period of their post-communist transition to political democracy and a market economy, has been marked with new instabilities, crises and wars which have had serious implications for global trends. This course is designed to provide a broad background to an understanding of the political, socio-economic, and cultural developments in the former communist countries of Central and Eastern Europe as an essential prerequisite to understanding the modern world.

P: Any 30 points at 200 level from EURA or HIST, or any 60 points at 200 level from the Schedule V of the BA.

R: EURA226, EURO226, EURA326, EURO326, HIST269

EQ: EURO326, EURA326

HIST334 Anzac Neighbours: Australia and New Zealand

30 Points 0.2500 EFTS

Not offered in 2022

This course compares and contrasts the history of New Zealand with the history of its largest and closest neighbour, Australia. The course explores the extent to which the neighbours share a history as well as what makes this country distinctive. Analysis extends from the Anzac tradition to the idea of Australasia. The aim is to understand why New Zealand is closely integrated with Australia today.

P: Any 30 points at 200 level from HIST, or any 60 points at 200 level from the Schedule V of the BA.

R: HIST270

HIST335 Tsardom to Empire: Russian History 1480 to 1917

30 Points 0.2500 EFTS

Not offered in 2022

This course explores aspects of social, political, economic, cultural, religious, and intellectual history of Russia prior to 1917, with a particular emphasis on the autocratic tradition as developed from 1480 onwards. The course also investigates the making of the Russian Empire while also examining ways in which political forces unique to Russia shaped the country's cultural specificity in the European context.

P: Any 30 points at 200 level from EURA, HIST, or RUSS, or any 60 points at 200 level from the Schedule V of the BA.

R: HIST138, HIST235, HIST335, RUSS111, RUSS235, RUSS335, EURA235, EURA335

EQ: RUSS335, EURA335

HIST339 The First World War: Total War in Europe

30 Points 0.2500 EFTS

The First World War is often described as a total war. Between 1914 and 1918 over 9 million combatants were killed and European nations deliberately targeted civilians for attack. Governments gave themselves extraordinary powers over people's lives as they tried to turn whole societies, economies and cultures to the war effort. The results of this ranged from social and political reform to revolution, genocide and the collapse of empires. Students will explore the war's impacts on the people of Europe, investigating its origins; military, political and social developments; and the legacies of both peace diplomacy and war cultures. Focusing primarily on Britain, France and Germany, this course asks how the experience and endurance of total war affected Europe, and what this meant for the modern world.

P: Any 30 points at 200 level from HIST, or any 60 points at 200 level from the Schedule V of the BA.

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

HIST339-2251 (C) Semester 1**HIST352 Kiwi Culture**

30 Points 0.2500 EFTS

This course explores the invention of kiwi culture from first Māori contact with Europeans to Peter Jackson's Lord of the Rings films. Key questions asked are: How has national identity formed? What kiwi traditions have emerged? Who is a New Zealander and who is excluded from dominant concepts of nation? What aspects of culture are indigenous and how much is copied from overseas? Topics under examination include key defining moments, peacekeeping, sport and leisure, food, beauty, fashion, arts and crafts, literature and music, kiwi icons, kiwiana, overseas fame, sexuality and morality, environmentalism, national disasters, immigration and multiculturalism.

P: Any 30 points at 200 level from HIST, or any 60 points at 200 level from the Schedule V of the BA.

R: HIST243

RP: HIST128 or equivalent

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

HIST352-2252 (C) Semester 2**HIST353 Myth and History**

30 Points 0.2500 EFTS

Not offered in 2022

The myths we create are part of the fabric that make up our past and how we understand it. When we look into the past to find out what really happened, we not only face the problem of sifting myth from fact but we also face the danger of inventing new myths and traditions to go with it. This course will look at how history and myth interact and the problems that this interaction presents to the historian. Students will be introduced to tribal myths and how these stories assimilate 'historical events'. Students will then be introduced to a range of theories and methods historians and indigenous scholars use to manage the obvious tensions within.

P: Any 30 points at 200 level from HIST or MAOR, or any 60 points at 200 level from the Schedule V of the BA.

R: HIST276, MAOR329

EQ: MAOR329

HIST361 Heroines in History

30 Points 0.2500 EFTS

Not offered in 2022

From the days of the Virgin Mary to the advent of Lorde, this course travels through time critically recovering a wide variety of global and local historical heroines. It moves beyond traditional mythological celebration to consider how women's histories have been told, re-told, and represented. What does it take to become celebrated as an icon or role model? Themes include spirituality, health and well-being, warrior and regal identities, politics, governance and domesticity, cross-dressing, martyrdom and untimely death, imperialism, science and technology, education and glamour.

P: Any 30 points at 200 level from CULT or HIST, or any 60 points at 200 level from the Schedule V of the BA.

R: HIST255, CULT 336

EQ: CULT336

HIST364 America and the World into the 21st Century

30 Points 0.2500 EFTS

Not offered in 2022

An overview of American diplomacy, politics and culture during the Cold War.

P: Any 30 points at 200 level from HIST, or any 60 points at 200 level from the Schedule V of the BA.

R: HIST381 (1999 only), HIST278

HIST366 Takahi: Colonisation

30 Points 0.2500 EFTS

Colonisation has had a significant effect on the shaping of contemporary New Zealand society. This course will cover key events in the colonisation throughout New Zealand's brief colonial history. This course utilises different theories of colonisation to critically examine the continued subjugation of Indigenous Peoples in Aotearoa and around the world. Special attention will also be paid to breaking down the power relationships that have emerged between coloniser and colonised.

P: Any 30 points at 200 level from CULT, HIST, or MAOR, or any 60 points at 200 level from the Schedule V of the BA.

R: MAOR317, RELS322, CULT302

EQ: CULT302, MAOR317, RELS322

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

HIST366-2252 (C) Semester 2**HIST367 Social and Cultural History of India**

30 Points 0.2500 EFTS

Not offered in 2022

A comparative study of statecraft, religion and gender across four principal periods of Indian history: ancient, 'medieval' (Rajput and Mughal), European and British colonial and post-Independence.

P: Any 30 points at 200 level from HIST, or any 60 points at 200 level from the Schedule V of the BA.

R: This option at HIST441, HIST279, SAST202, SAST302

EQ: SAST302

HIST372 Exploring Heritage: Politics, Power and Practice

30 Points 0.2500 EFTS

This course provides students with a hands-on introduction to the study of heritage. We explore ways we might understand and interpret contemporary heritage practices in a range of contexts, including post-earthquake Christchurch.

P: HIST: Any 30 points at 200 level from HIST, or any 60 points at 200 level from the Schedule V of the BA. ANTH: Any 30 points at 200 level from ANTH or any 60 points at 200 level from the Schedule V of the BA.

R: SOCI388

EQ: ANTH388
 Domestic Fee: \$1,597 (2021)
 International Fee: \$7,200 (2021)
HIST372-22S1 (A) Semester 1

HIST373 Renaissance and Reformation Europe

30 Points 0.2500 EFTS

Not offered in 2022

A thematic study of two major transformations in European History between c.1350 and c.1600.

P: Any 30 points at 200 level from HIST, or any 60 points at 200 level from the Schedule V of the BA.

R: HIST253

HIST374 The Soviet Experiment and Its Aftermath

30 Points 0.2500 EFTS

The emphasis is on Russia's 20th century Communist experience and its many legacies in the fast-changing post-Soviet society. Together we will examine the causes of the Bolshevik Revolution and the greatest social experiment in the history of humankind that followed it. The course will explore the roots of Stalinism, the causes and consequences of Soviet victory over Nazi Germany in World War II, the space race and other Cold War competitions between the superpowers, Gorbachev's reforms and the collapse of the USSR. Was the end of the Communist rule in the Soviet Union predetermined?

P: Any 30 points at 200 level from EURA, HIST, or RUSS, or any 60 points at 200 level from the Schedule V of the BA.

R: RUSS218, RUSS318, HIST274, EURA214

RP: HIST235/EURA235/RUSS235

EQ: RUSS318

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

HIST374-22S2 (C) Semester 2

HIST375 The Muslim World, 600-1650

30 Points 0.2500 EFTS

A social, cultural and political history of the Islamic world between 600 and 1650.

P: Any 30 points at 200 level from HIST, or any 60 points at 200 level from the Schedule V of the BA.

R: HIST275

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

HIST375-22S1 (C) Semester 1

HIST376 Making Imperial Britain, 1780 to 1914

30 Points 0.2500 EFTS

This course explores social, cultural, political and economic developments in the history of Britain and its empire between 1780 and 1914. The course focuses mainly on events within the British Isles, but also investigates the expansion and operation of the British empire. A major concern of the course is the development of British identities, which is explored in the context of varying conceptions across the four nations of the British Isles as well as by Britons in the empire.

P: Any 30 points at 200 level from HIST, or any 60 points at 200 level from the Schedule V of the BA.

R: HIST254

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

HIST376-22S2 (C) Semester 2

HIST377 American Revolution and Civil War

30 Points 0.2500 EFTS

An examination into the origins of popular government, the genius of American revolutionary politics, and the Civil War which ended slavery.

P: Any 30 points at 200 level from HIST, or any 60 points at 200 level from the Schedule V of the BA.

R: HIST257

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

HIST377-22S1 (C) Semester 1

HIST378 Revisiting Empire

30 Points 0.2500 EFTS

This course provides a critical understanding of decolonisation and legacies of empire in making the modern world. You will be introduced to major debates in the history of British World scholarship. Topics are from the latest ideas in the area and include commemoration and the toppling of statues, cultural symbols of nation and empire, landscape and power, war and patriotism, settler/indigenous contact zones, environmental imperialism, female imperialism, gender and sexuality, empire and memory, war and patriotism, travel and the sea, and food and marketing. Aotearoa New Zealand, Africa, Australia and Canada are examined.

P: Any 30 points at 200 level from HIST, or any 60 points at 200 level from the Schedule V of the BA.

R: HIST258

EQ: HIST258
 Domestic Fee: \$1,597 (2021)
 International Fee: \$7,200 (2021)
HIST378-22S2 (C) Semester 2

HIST379 Māori and Indigenous Development

30 Points 0.2500 EFTS

This course will examine the history of Māori economic development. Students will gain an understanding of recent developments and the factors which have affected Māori engagement with globalisation over the past two hundred years.

P: Any 30 points at 200 level from HIST or MAOR, or any 60 points at 200 level from the Schedule V of the BA.

R: HIST262, MAOR212

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

HIST379-22S1 (C) Semester 1

HIST381 Resistance and Collaboration in Nazi Europe

30 Points 0.2500 EFTS

Not offered in 2022

This course examines resistance in Nazi-occupied Europe and Nazi Germany in the period 1939 to 1945. Above all, the course investigates the impact of Nazi social, economic and racial policies on European society, and the diverse ways in which 'ordinary' Europeans responded to these politics.

P: Any 30 points at 200 level from HIST, or any 60 points at 200 level from the Schedule V of the BA.

R: HIST281

HIST391 Chinese Society and Culture since 1949

30 Points 0.2500 EFTS

Not offered in 2022

China is making history with its stunning economic growth, with sweeping changes in its social, cultural and political life, and with its emergence as a global power. This course takes you on an exciting and thought-provoking journey to help you discover where these changes have come from and what they mean for China and the world. It is taught in English and requires no prior knowledge of China.

P: Any 30 points at 200 level from CHIN or HIST, or any 60 points at 200 level from the Schedule V of the BA.

R: CHIN208, CHIN303, HIST291

EQ: CHIN303

HIST393 Fascism and the Far-Right in Europe

30 Points 0.2500 EFTS

Not offered in 2022

This course examines the rise of Fascist movements in Italy, Germany, France and Eastern Europe during the late nineteenth and early twentieth centuries before considering the far-right and fascist regimes created by Franco, Mussolini and Hitler. The course also reflects on the state of the European radical right today.

P: Any 30 points at 200 level from HIST, or any 60 points at 200 level from the Schedule V of the BA.

R: HIST293

RP: HIST281

HIST394 Recovering Christchurch 1850-2010

30 Points 0.2500 EFTS

Not offered in 2022

As a systematically planned new world city on the edge of empire Christchurch has always been a fascinating place to study. Whose stories have formed the city's written collective memory, and what has been left out? Due to the earthquakes from 2010 the city has a unique rupture, or ending point for its colonial past. As Christchurch considers its future, this course critically remembers its history. Significant aspects of the social, cultural, political and economic history of the South Island's largest city will be investigated through a series of lectures and documentary exercises. Students will gain an overall knowledge of the city's urban history, with opportunity to focus on advanced research topics.

P: Any 30 points at 200 level from HIST, or any 60 points at 200 level from the Schedule V of the BA.

R: HIST 294

HIST395 Crime, Criminology and Policing in Modern Europe since 1750

30 Points 0.2500 EFTS

Beginning in the mid-eighteenth century, this course traces the development of crime, criminology and policing in modern Europe. Paying particular attention to the rise of competing biological and sociological models of criminality and the birth of forensics, the course examines the social, political and professional implications of attempting to put the investigation, understanding, and punishment of crime on a scientific footing. Topics covered will include: crime and insanity, Lombroso and the born criminal, the professionalisation of policing, and the development of fingerprinting and crime scene analysis.

P: Any 30 points at 200 level from HIST, or CRJU201 and either CRJU202 or LAWS202, or any 60 points at 200 level from the Schedule V of the BA.

R: HIST295

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

HIST395-22S1 (C) Semester 1

History

HIST398 An Environmental History of Ancient to Modern India: Elephants and Empires

30 Points 0.2500 EFTS

This course emphasises the human/animal relationship as a primary factor in the environmental history of India. It focusses particularly on the environmental factors of disease, climate and health among both humans and animals in the shaping of India's history from ancient to modern times.

P: Any 30 points at 200 level from HIST, or any 60 points at 200 level from the Schedule V of the BA.

R: HIST298

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

HIST398-22S1 (C) Semester 1

PACE395 Internship

30 Points 0.2500 EFTS

What can you do with your major? With your degree? The purpose of the internship course is to explore both the ideological and practical assumptions guiding this question. The course is designed to be a critical, theoretical and "real-world" examination of the practices and ideologies inherent in both community and business organisations. You will apply the analytical skills acquired through your major, and through class seminars and readings, to a project designed by a local company or community group. Please check out the website for further information and specific project descriptions: www.arts.canterbury.ac.nz/internships

P: 150 points, special application and interview, and permission of the Internship Director.

R: ARTS395

EQ: ARTS395

Domestic Fee: \$1,570 (2021)

International Fee: \$7,000 (2021)

PACE395-21SU2 (C) Summer (Nov 21)

PACE395-22A (C) Starts Anytime

PACE395-22S1 (C) Semester 1

PACE395-22S2 (C) Semester 2

Limited entry. See limitation of entry regulations. A student will be selected for a specific project. Only students accepted for projects will be allowed into the course. Please go to <http://www.arts.canterbury.ac.nz/internships> for more information.

Postgraduate

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

HIST423 Capetian France, 1150-1350

30 Points 0.2500 EFTS

Not offered in 2022

An in-depth exploration of late medieval France, focusing on society, culture and political ideas in the period 1150 to 1350.

P: Subject to approval of the Head of Department.

HIST429 From Leeches to Liposuction: A Social History of Medicine

30 Points 0.2500 EFTS

An introduction to the flourishing sub-disciplines of social history of medicine and health history.

P: Subject to approval of the Head of Department.

R: HAPS404

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

HIST429-22S2 (C) Semester 2

HIST433 Special Topic in American History

30 Points 0.2500 EFTS

Not offered in 2022

This course takes as its subject the American experience. As recorded in our classic cultural artifacts. Broadly conceived, it examines a variety of issues in American intellectual and cultural history. Its purpose is largely two-fold. First, it represents an extensive study of the major topics relating to the culture, especially the intellectual culture, of the United States with a particular emphasis on the earlier periods. Second, it introduces potential research topics for further, more intensive study of American history.

P: Subject to approval of the Head of Department.

R: HIST423

HIST436 Public and Applied History

30 Points 0.2500 EFTS

Not offered in 2022

This course takes a broad definition of Public History as an introduction to the field in its New Zealand context, but the research project is closely focused on local archival and manuscript sources.

P: Subject to approval of the Head of Department.

HIST440 Constructing Feminist History

30 Points 0.2500 EFTS

Not offered in 2022

A synthesizing sweep of the construction of feminist history in post counter cultural western societies. It examines the growth and development of women's, gender and feminist history. The major theme is the contested position of women as essential subjects in history.

P: Subject to approval of the Head of Department.

R: CULT404, GEND412, CULT416

EQ: CULT404, GEND412, CULT416

HIST443 Issues in New Zealand History

30 Points 0.2500 EFTS

This course examines a variety of issues in New Zealand history, chosen by each year's class. These issues are either: (1) ones that have fuelled debate, or (2) topics that are under-explored or undeveloped but could open up research fields in the future.

P: Subject to approval of the Head of Department.

R: DIPL429

EQ: DIPL429

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

HIST443-22S2 (C) Semester 2

HIST449 Issues in Modern European History

30 Points 0.2500 EFTS

This course focuses on some of the most important and controversial debates in the historiography of modern Europe. Students will be encouraged to explore these debates in detail, to consider the historiographical context within which these debates have taken place, and to arrive at their own views based on their extensive research in primary and secondary sources.

P: Subject to approval of the Head of Department.

R: HIST438, HIST448, EURO448, DIPL418, DIPL423, DIPL428

EQ: DIPL428, EURO448

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

HIST449-22S1 (C) Semester 1

HIST450 History as a Discipline

30 Points 0.2500 EFTS

This course traces the development of the discipline of history; it examines the principal modern approaches to the study of the past; it makes explicit the methodological principles which underlie historical research and writing; and it encourages reflection on controversial matters concerning truth, objectivity, bias, values and cross-cultural understanding.

P: Subject to approval of the Head of Department.

R: HAPS403

EQ: HAPS403

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

HIST450-22S1 (C) Semester 1

HIST451 Independent Course of Study: The Third Reich in History and Historiography

30 Points 0.2500 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

HIST451-22S1 (D) Semester 1

HIST480 Research Paper

30 Points 0.2500 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

HIST480-22W (C) Whole Year (S1 and S2)

HIST660 MA Dissertation

60 Points 0.5000 EFTS

MA Dissertation

P: Subject to approval of the Head of Department.

Domestic Fee: \$3,610 (2021)

International Fee: \$16,500 (2021)

HIST660-22A (C) Starts Anytime

HIST660-22S1 (C) Semester 1

HIST660-22S2 (C) Semester 2

HIST690 MA Thesis
120 Points 1.0000 EFTS
P: Subject to approval of the Head of Department.
Domestic Fee: \$7,220 (2021)
International Fee: \$33,000 (2021)
HIST690-22A (C) Starts Anytime
Part-time enrolment (0.65 EFTS) is available on approval.

HIST790 History PhD
120 Points 1.0000 EFTS
P: Subject to approval of Head of School.
Domestic Fee: \$7,220 (2021)
International Fee: \$33,000 (2021)
HIST790-22A (C) Starts Anytime
*Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Human-Animal Studies

Te Kura Kete Aronui | School of Humanities and Creative Arts

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

HUAN790 Human-Animal Studies PhD
120 Points 1.0000 EFTS
Human-Animal Studies PhD
P: Subject to approval of the Head of Department.
Domestic Fee: \$7,220 (2021)
International Fee: \$33,000 (2021)
HUAN790-22A (C) Starts Anytime

Human Interface Technology

Human Interface Technology Laboratory New Zealand

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

HITD602 Human Interface Technology - Design and Evaluation
15 Points 0.1250 EFTS
The Human Interface Technology - Design and Evaluation course covers the aesthetic design of user interfaces, along with common evaluation methods used to assess them. Students will learn how to conduct statistical analyses for user interface evaluation. Individual as well as work in teams will be required to complete assignments. This course consists of lectures and assignments. Familiarity with basic statistical methods is recommended.
P: Subject to Approval of the College of Engineering Dean (Academic)
R: HITD601
Domestic Fee: \$1,133 (2021)
International Fee: \$5,625 (2021)
HITD602-22S1 (C) Semester 1
Limited entry. See limitation of entry regulations.

HITD603 Human Interface Technology - Prototyping and Projects
15 Points 0.1250 EFTS
The Human Interface Technology - Prototyping and Projects course covers the design and development of software, hardware and physical products from initial requirements gathering to a testable prototype. Students will learn how to determine requirements for a project, techniques for creating prototypes, interface programming, and electronics. Students will work individually and in teams to complete assignments. This course consists of lectures and assignments. Familiarity with basic programming concepts is recommended.
P: Subject to Approval of the College of Engineering Dean (Academic)
R: HITD601
Domestic Fee: \$1,133 (2021)
International Fee: \$5,625 (2021)
HITD603-22S1 (C) Semester 1
Limited entry. See limitation of entry regulations.

HITD690 Thesis in Human Interface Technology
90 Points 0.7500 EFTS
Thesis in Human Interface Technology.
P: Subject to the approval of the Dean of Engineering and Forestry
Domestic Fee: \$6,523 (2021)
International Fee: \$33,750 (2021)
HITD690-22A (C) Starts Anytime
HITD690-22W (C) Whole Year (S1 and S2)
Part-time enrolment (0.4875 EFTS) is available on approval.

HITD790 Human Interface Technology PhD
120 Points 1.0000 EFTS
HITD Human Interface Technology PHD
P: Subject to approval by the Director of HIT Lab NZ
Domestic Fee: \$8,697 (2021)
International Fee: \$45,000 (2021)
HITD790-22A (C) Starts Anytime
*Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Human Services

Te Kura Mātāpuna Tangata | School of Language, Social and Political Sciences

HSRV103 Violence in Society
15 Points 0.1250 EFTS
This course will introduce students to the contemporary issue of violence in society and its impact on the community. A broad overview will be provided of five main areas of violence: child protection; family violence; youth violence; institutional and cultural violence; and, crime and deviance.
Domestic Fee: \$799 (2021)
International Fee: \$3,600 (2021)
HSRV103-22S2 (C) Semester 2
HSRV103-22S2 (D) Semester 2

HSRV104 Youth Realities
15 Points 0.1250 EFTS
The course introduces students to the diverse realities of youth with a focus on youth in multiple contexts. Students will explore issues that place youth outside the margins of dominant society that often increases the level of prejudice and discrimination against them. Throughout the course students will engage in current debates within five key sections: Transgressing masculinities and femininities; Embodied identity; Youth technologies, spaces and things; Negotiating sexualities; Missing youth rights. Each of these sections will introduce diverse youth perspectives, issues, challenges and debates, and encourages students to critically consider the responses, models, theoretical frameworks used in youth work and human service sectors in general.
R: SOWK104
EQ: SOWK104
Domestic Fee: \$799 (2021)
International Fee: \$3,600 (2021)
HSRV104-22S1 (C) Semester 1
HSRV104-22S1 (D) Semester 1

HSRV201 Communication in the Human Services
15 Points 0.1250 EFTS
This course provides foundation knowledge and skills in interpersonal communication. The context of human communication is considered in terms of the impact of gender, class and culture and how these elements mediate social relationships. The focus of the course is on enhancing communication effectiveness in different organisational contexts. An introduction to korero Māori is integral to the course in terms of the New Zealand context.
P: HSRV103 and HSRV104; or, 15 points at 100 level in HSRV and 30 points at 100 level from either Schedule C to the BSW, Schedule V to the BA, or Schedules C or E to the BCJ; or 60 points at 100 level from the BA, BSW or BCJ.
R: SOWK201
EQ: SOWK201
Domestic Fee: \$799 (2021)
International Fee: \$3,600 (2021)
HSRV201-22S1 (C) Semester 1
HSRV201-22S1 (D) Semester 1

HSRV202 Human Behaviour and Human Systems

15 Points 0.1250 EFTS

This course examines the applications to human services of primary knowledge about human functioning and social behaviours, drawing on contemporary theories of psychosocial processes. The course explores selected developmental and external challenges facing children and families in New Zealand. The focus of the course is on usual developmental processes and the interface between individual and societal expectations, and implications for social service delivery.

P: HSRV103 and HSRV104; or, 15 points at 100 level in HSRV and 30 points at 100 level from either Schedule C to the BSW, Schedule V to the BA, or Schedules C or E to the BCJ; or 60 points at 100 level from the BA, BSW or BCJ.

R: SOWK202

EQ: SOWK202

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

HSRV202-22S1 (C) Semester 1**HSRV202-22S1 (D) Semester 1****HSRV203 Policy Debates in the Social Services**

15 Points 0.1250 EFTS

Not offered in 2022

This course examines key principles guiding policy on the provision of social services. Trends and debates around the shifting relationship between welfare systems and the state are explored along with factors influencing the delivery of human services in Aotearoa/New Zealand.

Students will learn to critically assess the implications of social service delivery for providers and consumers of welfare services, and issues around the impact of inequalities in society.

P: HSRV103 and HSRV104; or, 15 points at 100 level in HSRV and 30 points at 100 level from either Schedule C to the BSW, Schedule V to the BA, or Schedules C or E to the BCJ; or 60 points at 100 level from the BA, BSW or BCJ.

R: SOWK203

EQ: SOWK203

HSRV204 Culture, Indigeneity and Citizenship: Critical Debates for the Human Services

15 Points 0.1250 EFTS

The course provides a critical introduction to the historical and current debates of culture, indigeneity and citizenship. The course focuses on debates that move beyond conventional notions of culture, indigeneity and citizenship, and treats these as strategic concepts that are central in the analysis of global/local identities, participation, empowerment, and social justice. Understanding how other communities, populations, groups and individuals organise their lives and participate in the social world enables us to develop theoretically informed tools for providing practical analysis and advice in the shaping/construction of human services agencies and practice.

P: Any 15 points at 100 level from HSRV or SOWK, or any 60 points at 100 level from the Schedule V of the BA.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

HSRV204-22S2 (C) Semester 2**HSRV204-22S2 (D) Semester 2****HSRV208 Gender Sensitivity and the Human Services**

15 Points 0.1250 EFTS

This course provides students with the opportunity to critically investigate shifting socio-cultural constructions of gender. The course introduces students to theories, experiences and issues of gender, and to think about how gender matters in the choices and opportunities available to us; in shaping ideas regarding individual and social well-being. We explore examples of social, political, economic and cultural contexts inhabited by consumers and providers of human services to analyse the ways in which gender is experienced, defined, validated, and reworked.

P: HSRV103 and HSRV104; or, 15 points at 100 level in HSRV and 30 points at 100 level from either Schedule C to the BSW, Schedule V to the BA, or Schedules C or E to the BCJ; or 60 points at 100 level from the BA, BSW or BCJ.

R: HSRV308

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

HSRV208-22S1 (C) Semester 1**HSRV208-22S1 (D) Semester 1****HSRV209 Humans, Animals and Society**

15 Points 0.1250 EFTS

This course introduces students to the study of human relations with other species and the natural world. It provides students with the opportunity to question taken for granted assumptions about nature, the environment and the roles of animals in society and the human services. The topic adopts a social justice approach and includes consideration of issues such as ecofeminism, animal liberation and speciesism in relation to other forms of oppression. The course provides students with the opportunity to question taken for granted assumptions about power as well as encouraging students to think about the nature, form and process of advocacy on behalf of the marginalized.

P: HSRV103 and HSRV104; or, 15 points at 100 level in HSRV and 30 points at 100 level from either Schedule C to the BSW, Schedule V to the BA, or Schedules C or E to the BCJ; or 60 points at 100 level from the BA, BSW or BCJ.

R: CULT209

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

HSRV209-22S1 (D) Semester 1**HSRV209-22S1 (C) Semester 1****HSRV210 Gender, Crime and Social Theory**

15 Points 0.1250 EFTS

This course considers a range of explanatory theories emanating from a range of disciplines that contribute to current understandings of gender, crime, deviance, social theory and social control. There is significant input from visiting professionals in criminal justice and allied practices relevant to the topic. Theories and constructions of crime, deviance, violence and gender will be discussed as these relate to gendered experiences within and without the criminal justice system.

P: HSRV103 and HSRV104; or, 15 points at 100 level in HSRV and 30 points at 100 level from either Schedule C to the BSW, Schedule V to the BA, or Schedules C or E to the BCJ; or 60 points at 100 level from the BA, BSW or BCJ.

R: HSRV303

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

HSRV210-22S2 (C) Semester 2**HSRV210-22S2 (D) Semester 2****HSRV211 Community Development: Concepts, Practice and the Dynamics of Change**

15 Points 0.1250 EFTS

In this course, the concept of community in the modern world is explored, together with theoretical and practical approaches to understanding community development. An introduction is provided to community analysis and the dynamics of change in communities.

P: HSRV103 and HSRV104; or, 15 points at 100 level in HSRV and 30 points at 100 level from either Schedule C to the BSW, Schedule V to the BA, or Schedules C or E to the BCJ; or 60 points at 100 level from the BA, BSW or BCJ.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

HSRV211-22S2 (C) Semester 2**HSRV211-22S2 (D) Semester 2****HSRV212 Family Violence**

15 Points 0.1250 EFTS

This course will provide substantive content on the dynamics of family violence across three forms of violence including child abuse and neglect, intimate partner violence and elder abuse. Specialist law provides the means through which family violence concerns can be addressed by the State. Both voluntary and statutory responses are used in response to family violence. This course provides a broad overview of the ways in which the family and the state attempt to address the issue of family violence. Students will be introduced to research and literature pertaining to family violence from an international and New Zealand perspective and will use this to critique how family violence is both framed and responded to. The course utilises a blended learning format.

P: HSRV103 and HSRV104; or, 15 points at 100 level in HSRV and 30 points at 100 level from either Schedule C to the BSW, Schedule V to the BA, or Schedules C or E to the BCJ; or 60 points at 100 level from the BA, BSW or BCJ.

R: HSRV206, SOWK212

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

HSRV212-22S2 (D) Semester 2**HSRV215 Sport, Exercise and Development**

15 Points 0.1250 EFTS

Sport and exercise continue to be a fundamental part of human services, increasingly within the third sector and local and international development initiatives. This course provides students with the opportunity to critically investigate shifting socio-cultural constructions of sport and exercise for human services. Students are introduced to key social theories, concepts, experiences and issues of sport, and encouraged to engage critically and analytically with the relationship between sport, social inclusion/participation and diversity in NZ society and international contexts - exploring issues related to social justice, inclusivity, privilege, power and marginalization. In part one of the course, students will trace the ways in which sport and exercise relate to key aspects of identity and culture. The course will also examine the extent, shape, and scope of equality of opportunities in sports amongst key social groups, with particular attention to gender, (dis)ability and ethnicity. In part two of the course, students will critically consider the shifts in the nature, politics and impact of sport for development. Students are introduced to key concepts and social theories to critique the use of concepts of 'sport for good' and 'sport and social capital' for the promotion of health, wellbeing and social development within local and global contexts. The inclusion of guest lecturers in specialist areas and current research from staff ensures that the course is cutting edge.

P: HSRV103 and HSRV104; or, 15 points at 100 level in HSRV and 30 points at 100 level from either Schedule C to the BSW, Schedule V to the BA, or Schedules C or E to the BCJ; or 60 points at 100 level from the BA, BSW or BCJ.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

HSRV215-22S2 (C) Semester 2**HSRV215-22S2 (D) Semester 2****HSRV301 Change and Human Systems**

30 Points 0.2500 EFTS

This course uses theory to illuminate the functioning and processes of change within and across family, organisation, community and global systems. In addition to critically examining the relationship between oppression, empowerment and change in human systems, the course broadly considers ethical values and the legal obligations of human service delivery systems.

P: HSRV204 and any 15 points at 200 level from HSRV or SOWK, or any 60 points at 200 level from the Schedule V of the BA.

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

HSRV301-22S1 (C) Semester 1**HSRV301-22S1 (D)** Semester 1**HSRV310 Gender, Crime and Social Theory**

30 Points 0.2500 EFTS

This course considers a range of explanatory theories emanating from a range of disciplines that contribute to current understandings of gender, crime, deviance, social theory and social control. There is significant input from visiting professionals in criminal justice and allied practices relevant to the topic. Theories and constructions of crime, deviance, violence and gender will be discussed as these relate to gendered experiences within and without the criminal justice system.

P: 30 points at 200 level in HSRV, or any 15 points at 200-level in HSRV & 30 points at 200 level from Schedule C (BSW) or Schedule V (BA) or Schedule C or E (BCJ). Students with at least 60 points in appropriate courses may enter with permission of HSRV Programme Coordinator.

R: HSRV210, HSRV303

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

HSRV310-22S2 (D) Semester 2**HSRV310-22S2 (C)** Semester 2**HSRV311 Qualitative Research Methods**

30 Points 0.2500 EFTS

The development of a research culture in human services is an important challenge for educators, managers, practitioners and students. The creative tension between research, theory and practice is a necessary aspect of human services work and study. A strong research culture contributes significantly to the development of a knowledge and practice in human services. As the nature and scope of research activities and opportunities are diverse within human services settings, this course aims to provide a basis from which students can begin to develop a research culture across diverse contexts. By introducing a range of qualitative research approaches and enabling students to experience manageable research assignments, students will become increasingly familiar with the business of research and how it fits within complex and diverse human service systems. This course will begin by introducing students to the philosophical underpinnings of qualitative research, including methodological frameworks, theories, and controversies. Next, students will learn about practical issues encountered in 'doing' research. Those practical issues include ethics of the research process; navigating cultures and hard-to-reach groups; data gathering via documents, interviews, and focus groups; and analysing data. Students are encouraged to think critically in terms of applicability for developing ethical research models within diverse contexts/settings.

P: 30 pts at 200 level in HSRV. Any 15pts at 200-level in HSRV & 30 pts at 200 level from Schedule C (BSW) or Schedule V (BA) or Schedule C or E (BCJ). Students with at least 60 pts in appropriate courses may enter with permission of HSRV PC.

R: HSRV302

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

HSRV311-22S1 (C) Semester 1**HSRV311-22S1 (D)** Semester 1**HSRV316 Non-Governmental Organisations and Social Development**

30 Points 0.2500 EFTS

This course investigates the characteristics and emergent role of NGOs in contemporary society within the context of challenges and issues related to social development. Learning will be integrated through the use of international and New Zealand case studies.

P: Any 30 points at 200 level from HSRV; or, any 15 pts at 200-level in HSRV, and 30 points at 200 level from Schedule C to the BSW, Schedule V to the BA, or Schedules C or E to the BCJ; or 60 points at 200 level from the BA, BSW or BCJ.

R: HSRV306

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

HSRV316-22S2 (C) Semester 2**HSRV316-22S2 (D)** Semester 2**HSRV318 Gender Sensitivity in Human Services**

30 Points 0.2500 EFTS

This course provides students with the opportunity to critically investigate shifting socio-cultural constructions of gender. The course introduces students to theories, experiences and issues of gender and to think about how gender matters in the choices and opportunities available to us, and in shaping ideas regarding individual and social well-being. We explore examples of social, political, economic and cultural contexts inhabited by consumers and providers of human services to analyse the ways in which gender is experienced, defined, validated, and reworked.

P: Any 30 points at 200 level from HSRV; or, any 15 pts at 200-level in HSRV, and 30 points at 200 level from Schedule C to the BSW, Schedule V to the BA, or Schedules C or E to the BCJ; or 60 points at 200 level from the BA, BSW or BCJ.

R: HSRV208, HSRV308

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

HSRV318-22S1 (C) Semester 1**HSRV318-22S1 (D)** Semester 1**PACE395 Internship**

30 Points 0.2500 EFTS

What can you do with your major? With your degree? The purpose of the internship course is to explore both the ideological and practical assumptions guiding this question. The course is designed to be a critical, theoretical and "real-world" examination of the practices and ideologies inherent in both community and business organisations. You will apply the analytical skills acquired through your major, and through class seminars and readings, to a project designed by a local company or community group. Please check out the website for further information and specific project descriptions: www.arts.canterbury.ac.nz/internships

P: 150 points, special application and interview, and permission of the Internship Director.

R: ARTS395

EQ: ARTS395

Domestic Fee: \$1,570 (2021)

International Fee: \$7,000 (2021)

PACE395-21SU2 (C) Summer (Nov 21)**PACE395-22A (C)** Starts Anytime**PACE395-22S1 (C)** Semester 1**PACE395-22S2 (C)** Semester 2

Limited entry. See limitation of entry regulations. A student will be selected for a specific project. Only students accepted for projects will be allowed into the course. Please go to <http://www.arts.canterbury.ac.nz/internships> for more information.

Postgraduate

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

HSRV401 Advanced Debates and Approaches in Human Services

30 Points 0.2500 EFTS

This course critically explores debates concerned with processes of change within and across family, organisation, community and global systems. In addition to critically examining the relationship between oppression, empowerment and change in human systems, the course considers ethical values and the legal obligations of national and international human service delivery systems.

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

HSRV401-22S1 (C) Semester 1**HSRV401-22S1 (D)** Semester 1**HSRV402 Responding to Violence in Society**

30 Points 0.2500 EFTS

Not offered in 2022

This course provides an opportunity to develop advanced theoretical and research informed knowledge. The course teaching is organised into five areas of violence research and practice: child protection; family violence; youth violence; institutional and cultural violence; and, criminal and forensic violence. The course will also teach students to analyse the diversity of factors that influence national and international programme development and policies.

P: Subject to approval of the Head of Department.

R: SOWK629

HSRV407 The Policies and Politics of Sex

30 Points 0.2500 EFTS

This course provides students with an interest in human service practice the opportunity to investigate shifting socio-cultural constructions of sexuality with an emphasis on the contradictions and complexities in the social regulation of sexuality and the contours of state control. Issues relating to human service practice explored in the course include: reproductive rights; law reforms, queer culture and homophobia; local and international control of prostitution; the emergence of sexual rights; pornography and eroticism; sex education and the hidden curriculum; sex and harassment; sexual violence; safe sex and the HIV/AIDS era; sexuality and ageing; cultural sexualities; the medicalisation of sexuality and the transgendered body.

P: Subject to approval of the Head of Department.

R: CULT419

EQ: CULT419

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

HSRV407-22S2 (D) Semester 2**HSRV421 Qualitative Research for the Human Services**

30 Points 0.2500 EFTS

This course introduces a range of qualitative research methodologies and methods emphasising both conceptual appreciation and technical competence. Students will learn how to develop research questions relevant to the study of the human services and how to apply qualitative methods within this dynamic and diverse context.

P: Subject to approval of the Head of Department.

R: SOWK621/SOWK617

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

HSRV421-22S1 (C) Semester 1**HSRV421-22S1 (D)** Semester 1

HSRV423 Special Topic
30 Points 0.2500 EFTS
Not offered in 2022
P: Subject to approval of the Head of Department.

HSRV424 Special Topic
30 Points 0.2500 EFTS
Not offered in 2022
P: Subject to approval of the Head of Department.

HSRV480 Research Essay
30 Points 0.2500 EFTS
In this course, students explore a research topic of their choice under the supervision of an appropriate staff member, subject to approval by the programme coordinator. This course is compulsory for all Honours students.
P: Subject to approval of the Head of Department.
Domestic Fee: \$1,937 (2021)
International Fee: \$8,250 (2021)
HSRV480-22S2 (C) Semester 2
HSRV480-22S2 (D) Semester 2

HSRV650 MA Dissertation
60 Points 0.5000 EFTS
MA Dissertation
P: Subject to approval of the Head of Department.
Domestic Fee: \$3,610 (2021)
International Fee: \$16,500 (2021)
HSRV650-22A (C) Starts Anytime
HSRV650-22S1 (C) Semester 1
HSRV650-22S2 (C) Semester 2

HSRV690 MA Thesis
120 Points 1.0000 EFTS
P: Subject to approval of the Head of Department.
Domestic Fee: \$7,220 (2021)
International Fee: \$33,000 (2021)
HSRV690-22A (C) Starts Anytime
Part-time enrolment (0.65 EFTS) is available on approval.

HSRV790 Human Services PhD
120 Points 1.0000 EFTS
P: Subject to approval of the Head of School.
Domestic Fee: \$7,220 (2021)
International Fee: \$33,000 (2021)
HSRV790-22A (C) Starts Anytime
*Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Information Systems

Department of Accounting and Information Systems

INFO123 Business Information Systems and Technology
15 Points 0.1250 EFTS
Information technology plays a critical role in business and society, supporting business transformation and innovation, digital lifestyles, and how we communicate and collaborate. This course aims to help students understand how organisations can use data and technology to address business problems, to deliver business value and stay competitive, to create better processes, to improve connections with stakeholders, and to make better decisions. Students are exposed to the opportunities that new and emerging technologies provide, and develop problem-solving skills applicable to any area in business as well as practical skills to capture, organise and use data to support decision-making.
R: ACIS123, AFIS123, AFIS124
Domestic Fee: \$875 (2021)
International Fee: \$4,563 (2021)
INFO123-22S1 (C) Semester 1
INFO123-22S2 (C) Semester 2
INFO123-22S2 (D) Semester 2

INFO125 Introduction to Programming with Databases
15 Points 0.1250 EFTS
Computer programming with an emphasis on the development of business applications with the .NET framework and their connection to databases. It includes an introduction to programming logic and concepts, the Visual Studio environment, processing data, and using SQL to retrieve and update data. The course makes extensive use of problem solving exercises and hands-on tutorials.
R: ACIS125, AFIS125
Domestic Fee: \$875 (2021)
International Fee: \$4,563 (2021)
INFO125-22S1 (C) Semester 1

INFO213 Object-Oriented Systems Development
15 Points 0.1250 EFTS
The course focuses on the concepts and methods for object-oriented (OO) analysis, design, and development of information systems. The course provides an opportunity to follow a complete project development lifecycle, starting from system analysis, to design, implementation, maintenance and testing, using the Jade software development platform. The course places equal emphasis on theoretical OO knowledge and applying this to OO system implementation.
P: 30 points from INFO123, INFO125, COSC121, COSC131, COSC122
R: ACIS213 and AFIS213 after 1996.
Domestic Fee: \$875 (2021)
International Fee: \$4,563 (2021)
INFO213-22SU1 (C) Summer (Jan 22)
INFO213-22SU1 (D) Summer (Jan 22)

INFO223 Business Systems Analysis
15 Points 0.1250 EFTS
Explores key concepts and techniques applicable to traditional and agile approaches to the analysis, design and development of business information system solutions. Coverage includes project planning, analysis of business systems, processes, and requirements; principles of user interface design; prototyping; communication skills. Students use software to model organisational data and business processes, and design and prototype IS solutions for real-world business problems.
P: (1) INFO 123 or INFO 125 or COSC121 or COSC131 or COSC 122; and (2) An additional 15 points from the Commerce Schedule.
R: INFO203, ACIS203, AFIS203, AFIS223
Domestic Fee: \$892 (2021)
International Fee: \$4,563 (2021)
INFO223-22S2 (C) Semester 2

INFO243 Accounting Information Systems
15 Points 0.1250 EFTS
Core business subsystems and processes that allow organisations to operate effectively and efficiently. Includes enterprise databases; process and pervasive controls in the context of the development life cycle of accounting information systems; frameworks for evaluation of accounting information systems and their processes. Students develop practical skills in using at least one accounting information system package for small businesses, and advanced skills using Excel to manipulate business data.
P: ACCT103 and INFO123
R: ACIS243, AFIS243
Domestic Fee: \$875 (2021)
International Fee: \$4,563 (2021)
INFO243-22S2 (C) Semester 2

INFO253 Internet Business and Technology
15 Points 0.1250 EFTS
An introduction to Electronic Commerce (e-Commerce) principles and practices based on the relationship between business development and strategy, internet technology and the social and legal environment. The course examines a range of internet technologies including social media and mobile technologies focusing on how organisations can use these to improve their performance and relationships with customers and suppliers. Concepts are applied to real life case scenarios. Students develop practical skills by designing a prototype B2C application and applying user experience design principles.
P: (1) INFO 123 or INFO 125 or COSC121 or COSC131 or COSC 122; and (2) An additional 15 points
R: INFO233
Domestic Fee: \$892 (2021)
International Fee: \$4,563 (2021)
INFO253-22S1 (C) Semester 1

INFO260 Data Management
15 Points 0.1250 EFTS
The course introduces a range of topics that underpin data management in contemporary organisations. The first part of the course focuses on data architecture, data modelling, data administration, and data warehousing. The second part of the course introduces the concepts of Big Data. In its wider scope the course is designed to expose the students to real-life issues in data management and database management systems in the modern environment.
P: 1) INFO123 or INFO125 or COSC101 or COSC121 or COSC131 or COSC122 or DIGI101; and (2) An additional 15 points
Domestic Fee: \$892 (2021)
International Fee: \$4,563 (2021)
INFO260-22S1 (C) Semester 1

INFO261 Introduction to Business Analytics

15 Points 0.1250 EFTS

The aim of this course is to help students develop an understanding of business analytics, and provide an opportunity to gain experience with diverse methods and technologies related to common aspects of analytics. Key concepts, analytical techniques and tools applicable to different aspects of data analytics and data-driven decision-making are introduced. Students completing this course have an opportunity to develop fundamental skills in the use of common business analytics tools including data visualization/visual analytics, regression, cluster analysis and exploratory data analysis, and apply these to decision-making in organisations.

P: (1) 15 points from STAT101, DATA101, DIGI103; and (2) 15 points from INFO123, INFO125, COSC101, COSC121, COSC122, COSC131, DIGI101

Domestic Fee: \$875 (2021)

International Fee: \$4,563 (2021)

INFO261-22S2 (C) Semester 2**INFO263 Web Design and Development**

15 Points 0.1250 EFTS

An introduction to the design and development of business applications based on internet and World Wide Web technologies. The course covers the concepts and practices of web design and development, including development of dynamic content websites as well as the technological infrastructure necessary to support these systems. Practical application of concepts will be carried out in weekly labs involving the design and construction of business web sites.

P: 30 points from (INFO 123, INFO 125, COSC 121, COCI31, COSC 122)

R: INFO233

Domestic Fee: \$892 (2021)

International Fee: \$4,563 (2021)

INFO263-22S2 (C) Semester 2**INFO333 IT Risk and Security Management**

15 Points 0.1250 EFTS

Not offered in 2022

This course examines how organisations manage risk and eSecurity associated with their information systems. Topics include management, analysis and application of secure e-Business systems including security policy and network management.

P: (1) INFO233 or INFO253 or INFO263 or COSC231 or COSC264; and (2) An additional 30 points at 200-level or above

R: ACIS333

INFO343 IT Governance and Strategy

15 Points 0.1250 EFTS

The course focuses on organisational leadership, structures and IT management processes to support and sustain business strategies. It examines important concepts and models related to managing IT such as IT strategy, IT planning, IT alignment and IT evaluation. The course provides students with knowledge and skills to be able to make useful contributions to a range of IT related decisions in organisations.

P: (1) 15 points at 200 level from INFO; and (2) an additional 30 points at 200-level or above

R: INFO303, ACIS303

Domestic Fee: \$892 (2021)

International Fee: \$4,563 (2021)

INFO343-22S1 (C) Semester 1**INFO353 Emerging IT for Business**

15 Points 0.1250 EFTS

Emerging and disruptive technologies are pervasive and transformational, changing the way in which people and businesses operate. Drawing on cutting-edge research, this course explores new technologies, trends, business models, issues and impacts. Students will critically analyse technology trends and make recommendations aimed at delivering significant, enduring and transformative business impacts, products, services and customer value.

P: (1) INFO123; and (2) An additional 45 points at 200-level or above.

R: INFO635

Domestic Fee: \$892 (2021)

International Fee: \$4,563 (2021)

INFO353-22S2 (C) Semester 2**INFO360 Business Process Management**

15 Points 0.1250 EFTS

Business process management combines powerful technology, data and people expertise to reimagine processes and drive digital transformation. This course aims to develop an understanding of business processes and how they can be analysed and improved using IT. Process mapping skills for 'as-is' and 'to-be' business processes are developed and practiced, as well as techniques for change analysis, problem finding and resolution, technology impact analysis, benchmarking, error proofing and change management.

P: (1) 15 points at 200-level INFO, COSC or SENG; and (2) An additional 30 points at 200-level or above

Domestic Fee: \$892 (2021)

International Fee: \$4,563 (2021)

INFO360-22S1 (C) Semester 1**INFO361 Business Intelligence and Analytics**

15 Points 0.1250 EFTS

This course covers key principles and practices related to the use of business intelligence (BI) systems to support strategy and decision-making. Topics include performance dashboards and data visualisation; descriptive, predictive and prescriptive analytics; data, text and web mining; future trends and directions. Real data-sets and industry-standard tools will be used to demonstrate key principles of BI and to help students develop analytical and problem-solving skills related to BI solutions.

P: (1) INFO123; and (2) 45 points at 200-level or above

RP: STAT101

Domestic Fee: \$892 (2021)

International Fee: \$4,563 (2021)

INFO361-22S2 (C) Semester 2**INFO362 Special Topic**

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to Head of Department approval.

R: ACIS362, AFIS362

INFO363 Special Topic: Blockchain and Cryptocurrencies in Business, Culture, and Society

15 Points 0.1250 EFTS

This course examines key concepts and main features of Blockchain, analyses the evolution of this technology and reviews present and potential applications. Economic, organisational, social and political impacts of Blockchain are explored. An improved understanding of the driving forces and motivations behind organisations' adoption of Blockchain-based applications will be provided.

P: (1) INFO123 or INFO125 or COSC101 or COSC121 or COSC131 or COSC122 or DIGI101 and (2) 45 points at 200-level or above

Domestic Fee: \$892 (2021)

International Fee: \$4,563 (2021)

INFO363-22S1 (C) Semester 1**INFO369 Special Topic**

30 Points 0.2500 EFTS

Not offered in 2022

P: Subject to Approval by the Head of Department

INFO390 Information Systems Internship

15 Points 0.1250 EFTS

An information systems internship (or project) that enables real world work experience or the (further) development of knowledge and/or expertise in information systems related subjects. Development of problem solving, reflection, synthesis, project management, risk management and communication skills.

P: (1) 45 points at 200-level INFO; and (2) 15 points at 200-level INFO, COSC or SENG; and (3)

Subject to Head of Department Approval

R: INFO362, INFO330, ACCT390, ECON390, FINC390, MKTG390

Domestic Fee: \$892 (2021)

International Fee: \$4,563 (2021)

INFO390-22S1 (C) Semester 1**INFO390-22S2 (C) Semester 2****INFO393 Information Systems Project Management**

15 Points 0.1250 EFTS

This course aims to develop an understanding of the role and responsibilities of a project manager, the challenges of IS project management, and the tools and techniques for successful IS project management.

P: (1) 15 points at 200-level from INFO, COSC or SENG; and (2) An additional 30 points at 200 level

R: INFO313, ACIS313, AFIS313, MSCI322, MSCI324, MGMT372, MSCI372

Domestic Fee: \$892 (2021)

International Fee: \$4,563 (2021)

INFO393-22S2 (C) Semester 2

Postgraduate

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

INFO614 Research Methodology and Epistemology

30 Points 0.2500 EFTS

INFO614 seeks to provide students with a thorough introduction to the principal assumptions that underpin the development of research ideas in accounting, information systems and related disciplines. More particularly, it seeks to expose students to the theoretical and philosophical foundations of knowledge and reality. You will also be introduced to both quantitative and qualitative research methods

P: Subject to approval of the Head of Department

R: ACIS614, ACIS614, AFIS614

Domestic Fee: \$2,018 (2021)

International Fee: \$7,950 (2021)

INFO614-22S1 (C) Semester 1**INFO620 Information Systems Research**

15 Points 0.1250 EFTS

The course examines key strategic and contemporary issues related to the management and use of information systems and technology, including their theoretical and practical implications for organisations and society.

P: Subject to approval of the Head of Department.

R: ACIS620, AFIS620, AFIS610

Domestic Fee: \$1,023 (2021)

International Fee: \$5,000 (2021)

INFO620-22S2 (C) Semester 2**INFO621 Special Topic: Artificial Intelligence (AI) in Business**

15 Points 0.1250 EFTS

Artificial Intelligence is transforming our world, giving power to organisations, individuals and machines. This course overviews AI technologies and techniques in the context of specific business objectives, models and industries. By analysing the latest innovative use cases, the course will provide insights into the opportunities, business and society impacts and implications of AI. Students will apply their knowledge to a real life organisation to develop a business case and an implementation plan for an AI based solution.

P: Subject to approval of the Head of Department

Domestic Fee: \$1,023 (2021)

International Fee: \$5,000 (2021)

INFO621-22S1 (C) Semester 1**INFO629 IS Case Study**

15 Points 0.1250 EFTS

Students undertake an organisation-based project related to an important IS management decision. The project includes a literature review and the write-up of a case study.

P: Subject to approval of the Head of Department

Domestic Fee: \$1,051 (2021)

International Fee: \$5,000 (2021)

INFO629-22S1 (C) Semester 1**INFO632 Cognitive Science and Artificial Intelligence**

15 Points 0.1250 EFTS

Not offered in 2022

These fields are concerned with modelling human knowledge in ways that create working man-machine interfaces or allow that knowledge to be packaged for professional use; application to commerce.

P: Subject to approval of the Head of Department

R: ACIS632, AFIS632

INFO633 Knowledge Management

15 Points 0.1250 EFTS

Not offered in 2022

This course focuses on current organisational and technological issues related to knowledge management. The topic is interdisciplinary and draws on knowledge from the fields of information technology, organisational management, human resource management and cognitive psychology.

P: Subject to approval of the Head of Department

INFO634 Data Analytics & Business Intelligence

15 Points 0.1250 EFTS

The aim is to help students develop an understanding and gain experience with key aspects of business data analytics its applications, systems, processes and practices, and be able to engage critically with the opportunities, issues and challenges that underpin supporting and engaging with business intelligence and analytics in organisations. Key concepts, analytical techniques and tools applicable to various aspects of data science/business analytics, including the collection, integration, analysis, and presentation of organisational information, and data-driven decision making in businesses and otherwise are introduced and applied.

P: Subject to approval of the Head of Department

Domestic Fee: \$1,023 (2021)

International Fee: \$5,000 (2021)

INFO634-22S2 (C) Semester 2**INFO635 Special Topic: Emerging IT for Business**

15 Points 0.1250 EFTS

Emerging and disruptive technologies are pervasive and transformational, changing the way in which people and businesses operate. Drawing on cutting-edge research, this course explores new technologies, trends, business models, issues and impacts. Students will critically analyse technology trends and make recommendations aimed at delivering significant, enduring and transformative business impacts, products, services and customer value.

P: Subject to approval of the Head of Department

R: INFO353

Domestic Fee: \$1,023 (2021)

International Fee: \$5,000 (2021)

INFO635-22S2 (C) Semester 2**INFO680 Research Project**

30 Points 0.2500 EFTS

This course is one of individual study under personal supervision. It entails carrying out research over a seven month period, and writing a report about how and why the research was conducted, what was found and the implications of these findings. The course is designed for students completing the B.Com(Hons) degree in information systems.

P: Subject to approval of the Head of Department

R: ACIS680, ACIS680, AFIS680

Domestic Fee: \$2,045 (2021)

International Fee: \$10,000 (2021)

INFO680-22A (C) Starts Anytime**INFO680-22W (C) Whole Year (S1 and S2)****INFO690 MCom Thesis**

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department.

R: ACIS690, AFIS690

Domestic Fee: \$7,771 (2021)

International Fee: \$40,000 (2021)

INFO690-22A (C) Starts Anytime*Part-time enrolment (0.65 EFTS) is available on approval.***INFO691 MCom Dissertation**

60 Points 0.5000 EFTS

P: Subject to approval of the Head of Department

Domestic Fee: \$3,886 (2021)

International Fee: \$20,000 (2021)

INFO691-22A (C) Starts Anytime**INFO694 MCom Thesis**

90 Points 0.7500 EFTS

P: Subject to approval of the Head of Department

Domestic Fee: \$5,925 (2021)

International Fee: \$30,000 (2021)

INFO694-22A (C) Starts Anytime**INFO790 Information Systems PhD**

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department.

R: ACIS790, AFIS790

Domestic Fee: \$7,771 (2021)

International Fee: \$40,000 (2021)

INFO790-22A (C) Starts Anytime

*Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Innovation

Department of Marketing, Management and Entrepreneurship

INOV200 Opportunities: Here, There and Everywhere

15 Points 0.1250 EFTS

Students are introduced to the entrepreneurial worldview that opportunities for innovation can be found across geographic, socioeconomic, industry, and cultural boundaries. Students must demonstrate an entrepreneurial mindset through which they constantly seek to recognize innovation opportunities, across multiple contexts. Students are required to identify innovation opportunities that are local, national, and international in scope.

P: Any 60 points

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

INOV200-22S1 (C) Semester 1

INOV201 Will it Fly?: Feasibility Assessment of New Innovation

15 Points 0.1250 EFTS

This course examines the significant differences between novelty and innovativeness. Students are expected to demonstrate a fluency with multiple types of analyses in order to ultimately provide a compelling answer to the important question of whether a creative idea is feasible (based on an assessment of physical, financial, market, regulatory, cultural, and other conditions).

P: Any 60 points.

RP: INOV200

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

INOV201-22S1 (C) Semester 1

INOV202 Emerging Technologies

15 Points 0.1250 EFTS

Not offered in 2022

A key focus of this course is on how technology can be an enabler of radical changes to competition. In this course students are exposed to leading current technologies in multiple sector settings. Moreover, students are required to demonstrate an understanding of how emerging technologies may potentially contribute to a reordering of winners and losers in a particular competitive space.

P: Any 60 points.

RP: INOV200

INOV290 Enterprise in Practice (Project)

15 Points 0.1250 EFTS

This course leverages your innovation and creative thinking through a real-world project to make a difference for an organisation. Over the course of the semester, you will work in a team to come up with a concept solution to a challenge posed by a business, social enterprise or other organisation. If you have your own idea for a venture you may have the opportunity to work on that venture as your project. You will gain real-world experience working with key stakeholders and mentors and will learn to apply a number of business tools and techniques as you come up with your concept solutions. This is an opportunity for you to have a real impact for an organisation.

P: 120 points at 100-level or above

R: BSNS290

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

INOV290-22S2 (C) Semester 2

INOV300 Societal Impact Through Innovation

15 Points 0.1250 EFTS

Not offered in 2022

This course is the first of a two-course capstone experience in which students are required to demonstrate potential societal impacts of emerging innovations. Students work on teams with local/national organisations to assess the connection between focus innovations and anticipated societal impact. In this portion of the capstone experience students are required to develop a comprehensive review, identifying expected points of potential impact of focal innovations on society.

P: INOV200

RP: INOV201 or INOV202 or MGMT223

INOV301 Implementing for Societal Impact: Tools for Innovators

15 Points 0.1250 EFTS

Not offered in 2022

This course is the second of a two-course capstone experience in which students are required to demonstrate potential societal impacts of emerging innovations. Students must critically analyse the anticipated impact on various stakeholder groups of changes in a given sector's value chain. In this portion of the capstone experience students are required to generate data-driven insights into potential societal changes to be initiated via focal innovations. Emphasis is on developing compelling evidence-based arguments in evaluating the possible societal impact of innovations.

P: INOV200 and Head of Department approval

RP: INOV300 or MGMT342

INOV390 Innovation Practicum

30 Points 0.2500 EFTS

Not offered in 2022

Students in this applied, project-based course gain significant practical experience working with local and national organizations to develop and implement innovative solutions to pressing economic/social challenges. Students must combine insights gathered through experiential learning with the conceptual foundations built via prior coursework. Upon completion of this course students are expected to present an assessment of the proposed solution(s) and provide a detailed update regarding implementation of the innovations.

P: INOV300 or MGMT342 and Head of Department Approval

RP: INOV301

International Law and Politics

School of Law

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

ILAP604 International Criminal Law

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Programme Director.

R: DIPL421 (before 2014), LAWS321

ILAP608 World Trade Law

15 Points 0.1250 EFTS

P: Subject to approval of the Programme Director.

R: DIPL402 (before 2014), DIPL411, LAWS338

Domestic Fee: \$1,009 (2021)

International Fee: \$4,688 (2021)

ILAP608-22S2 (C) Semester 2

ILAP609 International Human Rights Law

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Programme Director.

R: DIPL421 (before 2014), LAWS322

ILAP611 Antarctic Legal Studies

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Programme Director.

R: LAWS336, LAWS372

ILAP612 International Environmental Law

15 Points 0.1250 EFTS

Challenges and institutional responses to global environmental problems, including global warming.

P: Subject to the approval of the Programme Director

R: LAWS327, LAWS347 (2001-2004), DIPL402 (before 2014), DIPL421 (before 2014).

Domestic Fee: \$1,009 (2021)

International Fee: \$4,688 (2021)

ILAP612-22S2 (C) Semester 2

ILAP613 Advanced Principles of Public International Law

15 Points 0.1250 EFTS

A seminar-based course, involving an advanced study of the principles of public international law. This course is a compulsory component of the LLM (IntLaw&Pols).

P: Subject to approval of the Programme Director.

Domestic Fee: \$1,009 (2021)

International Fee: \$4,688 (2021)

ILAP613-22S1 (C) Semester 1

ILAP614 Principles and Practice of International Relations and Diplomacy

15 Points 0.1250 EFTS

This course offers a blend of theoretical and practical insight into international relations and diplomacy. The first part of the course will provide foundational knowledge of the principles, theories and historical dimensions of foreign policy and diplomacy. The second part of the course will be composed of a series of intensive professional seminars, providing students with detailed practical insights into complex and difficult cases in international relations and diplomacy through the experiences of those involved in them.

P: Subject to the approval of the Head of School

R: POLS 441

Domestic Fee: \$969 (2021)

International Fee: \$4,125 (2021)

ILAP614-22S1 (C) Semester 1

ILAP627 European Public Law
15 Points 0.1250 EFTS**Not offered in 2022**

The course will examine key elements of the European Union's Constitutional and Administrative Law. The course also explores the relationships between the supra-national EU structures and the individual constitutional and administrative traditions of individual states. This will provide students with an understanding of the complexities of Twenty-First Century multi-layered governance in general and the European Union model in particular. Topics to be examined will include, democracy in multi-layered systems, federalism, executive accountability, administrative/law justice and policy making in the EU. Specific topics examined will vary according to current issues.

P: Subject to the approval of the Programme Director
R: EURO333; EURA333; LAWS388

ILAP628 Special Topic
15 Points 0.1250 EFTS**Not offered in 2022**

P: Subject to approval of the Programme Director.

ILAP629 Special Topic
15 Points 0.1250 EFTS**Not offered in 2022**

P: Subject to approval of the Programme Director.

ILAP630 Law of the Sea
15 Points 0.1250 EFTS**Not offered in 2022**

P: Subject to approval of the Programme Director.
R: LAWS362 prior to 2010; LAWS364

ILAP633 Problems in International and Regional Trade
15 Points 0.1250 EFTS**Not offered in 2022**

The course examines selected problems in international and regional trade from a New Zealand perspective. Alternate year offering.

P: Subject to the approval of the Programme Director.
R: LAWS 370
RP: A course on International Trade

ILAP634 International Investment Law and Arbitration
15 Points 0.1250 EFTS

The course examines selected problems in international investment law and arbitration relevant to a New Zealand context. Alternate year offering.

P: Subject to the approval of the Programme Director
R: LAWS333, ILAP632, LAWS371
Domestic Fee: \$1,009 (2021)
International Fee: \$4,688 (2021)

ILAP634-22S2 (C) Semester 2

ILAP640 Dissertation
60 Points 0.5000 EFTS

P: Subject to approval of the Programme Director.

R: ILAP650
Domestic Fee: \$4,037 (2021)
International Fee: \$18,750 (2021)

ILAP640-22FY (C) Full Year (February to February)

ILAP640-22CY (C) Cross Year

ILAP641 The Rights of Indigenous Peoples
15 Points 0.1250 EFTS**Not offered in 2022**

This course aims to give students a solid understanding of the international human rights law framework for the promotion and protection of Indigenous Rights.

P: Subject to the approval of the Dean of Law
R: LAWS358

ILAP642 Private International Law
15 Points 0.1250 EFTS**Not offered in 2022**

This course covers the choice of applicable law in private law disputes, the international jurisdiction of New Zealand courts in civil litigation, and the enforcement of foreign civil judgments in New Zealand.

P: Subject to the approval of the Programme Director
R: LAWS390

Japanese

Te Kura Mātāpuna Tangata | School of Language, Social and Political Sciences

JAPA108 Introduction to Japanese Culture
15 Points 0.1250 EFTS

A survey course which covers selected topics of Japan's society, geography, institutions, religion, arts, culture and thought.

Domestic Fee: \$799 (2021)
International Fee: \$3,600 (2021)

JAPA108-22S1 (C) Semester 1

JAPA113 Introduction to Japanese Literature and Related Arts
15 Points 0.1250 EFTS**Not offered in 2022**

This course will develop students' understanding of various aspects of Japanese literary, aesthetic and cultural traditions, including the mythologies and chronicles of residual oral tradition; the development of poetry; heroic military narratives and *zuihitsu* essays; the development of kabuki and bunraku puppetry; and the development of the novel from the eleventh century to modern times. No previous knowledge of Japanese language is required.

JAPA125 Elementary Japanese A
15 Points 0.1250 EFTS

This course is designed for students with little or no previous knowledge of the Japanese language. Teaching will focus on the four basic language skills of reading, writing, speaking and listening. At the end of the course, students should be able to read and write the kana scripts, know a range of Japanese vocabulary, and understand and actively use some elements of basic modern grammar. They will be able to conduct simple conversations in Japanese and will be familiar with key cultural aspects.

R: JAPA141, JAPA115, JAPA127
Domestic Fee: \$799 (2021)
International Fee: \$3,600 (2021)

JAPA125-22S1 (C) Semester 1

JAPA126 Elementary Japanese B
30 Points 0.2500 EFTS

This course follows on from JAPA 125 or JAPA 127, and is the entry point for students with NCEA level 2 Japanese or equivalent. Teaching will focus on the four basic language skills of reading, writing, speaking and listening. At the end of the course, students should be able to understand and actively use a wide range of basic modern Japanese grammar and vocabulary, and approximately 120 kanji characters and be familiar with a range of key cultural aspects.

P: JAPA125, or NCEA Level 2 Japanese with at least 12 credits, or placement test.
R: JAPA142, JAPA115, JAPA116
Domestic Fee: \$1,597 (2021)
International Fee: \$7,200 (2021)

JAPA126-22S2 (C) Semester 2

JAPA127 Elementary Japanese
15 Points 0.1250 EFTS**Not offered in 2022**

This summer school course is designed for students with little or no previous knowledge of the Japanese language. Teaching will focus on the four basic language skills of reading, writing, speaking and listening. At the end of the course, students should be able to read and write the kana scripts, know a range of Japanese vocabulary, and understand and actively use some elements of basic modern grammar. They will be able to conduct simple conversations in Japanese and will be familiar with key cultural aspects.

R: JAPA141, JAPA115, JAPA125

JAPA208 Japanese Society
15 Points 0.1250 EFTS**Not offered in 2022**

This course will develop students' understanding of various aspects of Japanese society, including the evolution of mainstream and minorities, gender relations, socialisation, inter-generational relations, predominant family structures, and the individual/group dichotomy. No previous knowledge of Japanese language is required.

P: Any 15 points at 100 level from JAPA, or any 60 points at 100 level from the Schedule V of the BA.

JAPA212 Japanese Society and Culture in Film and Literature
15 Points 0.1250 EFTS

This course covers outstanding examples of modern (post 1867) and contemporary literature and film, including animated movies. Works covered have been selected both for their artistic merit and for their culturally interesting subject matter. Themes include the conflict between traditional and western values, colonialism and ethnic minorities such as Okinawa, the effects of the Second World War and the atomic bombings, post-war economic growth and its effect on people's lives, the 1960s-70s student movement, and contemporary postmodern consumer

society. The aims of the course are twofold: (a) to provide some basic skills in 'reading' modern Japanese literature and film and (b) to promote an understanding of Japanese society and its people. No knowledge of Japanese language is required.

P: JAPA108, or any 60 points at 100 level from the Schedule V of the BA.
Domestic Fee: \$799 (2021)
International Fee: \$3,600 (2021)

JAPA212-22S2 (C) Semester 2

JAPA214 Special Topic in Japanese Language A

15 Points 0.1250 EFTS

This course builds upon the 100-level elementary language courses. By the end of the course students will have acquired a preliminary knowledge of intermediate level Japanese grammar and will also have learned approximately 200 kanji and approximately 1200 words and phrases.

P: JAPA126, or NCEA Level 3 Japanese with at least 12 credits, or placement test.

R: JAPA151, JAPA152, JAPA153, JAPA154, JAPA105, JAPA201, JAPA215

RP: Students should be able to read and write all of the katakana and hiragana script as well as at least 150 kanji and have knowledge of basic Japanese grammar and approximately 800 words and phrases.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

JAPA214-22S1 (C) Semester 1

JAPA215 Intermediate Japanese

45 Points 0.3750 EFTS

This course builds upon the 100-level elementary language courses. By the end of the course students will have acquired a knowledge of intermediate level Japanese grammar and will also have learned approximately 400 kanji and approximately 2500 words and phrases.

P: JAPA126, or NCEA Level 3 Japanese with at least 12 credits, or placement test.

R: JAPA151, JAPA152, JAPA153, JAPA154, JAPA105, JAPA201

RP: Students should be able to read and write all of the katakana and hiragana script as well as at least 150 kanji and have knowledge of basic Japanese grammar and approximately 800 words and phrases.

Domestic Fee: \$2,396 (2021)

International Fee: \$10,800 (2021)

JAPA215-22W (C) Whole Year (S1 and S2)

JAPA216 Special Topic in Japanese Language

30 Points 0.2500 EFTS

JAPA216 is a second semester Japanese language course that is designed for students who know approximately 200 kanji and 1200 words and phrases. Direct entry is by placement test and discussion with the Programme Director. The course builds on all four language learning areas - reading, writing, speaking and listening. By the end of the course an additional 100 kanji and 500 words and phrases will have been mastered.

P: Placement test or discussion with Programme Director.

R: JAPA153, JAPA154 and JAPA215.

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

JAPA216-22S2 (C) Semester 2

JAPA307 Extension Japanese

30 Points 0.2500 EFTS

Not offered in 2022

This course aims to extend students' understanding of Japanese language beyond that which is normally achieved by completing JAPA325 and JAPA326 alone. Proficiency in the use of language appropriate to a variety of situations and materials, such as understanding media material, is enhanced in a way that will be of practical value in their future careers.

P: JAPA215 or JAPA216, or placement test.

C: JAPA325 or JAPA326

R: JAPA311

JAPA317 Advanced Japanese Language A

30 Points 0.2500 EFTS

The purpose of this course is to prepare students to, on the one hand, conduct research using Japanese materials and, on the other hand, for the work environment through practical training in writing, communicating and giving spoken presentations in Japanese. In addition, the course aims to provide some 'authentic,' real-life experience in using Japanese, and to build community links, through engagement with the Japanese Community/Community of Practice and Learning Community. Students will be given the opportunity to further develop their communicative competence and a variety of other skills through project work. JAPA 317 will build upon the prerequisite courses, JAPA 326 Advancing Japanese B and JAPA305 Japanese Language 3.

P: Subject to approval of the Programme Head.

R: JAPA414

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

JAPA317-22S1 (C) Semester 1

JAPA318 Advanced Japanese Language B

30 Points 0.2500 EFTS

The purpose of this course is to prepare students to, on the one hand, conduct research using Japanese materials and, on the other hand, for the work environment through practical training in writing, communicating and giving oral presentations in Japanese. In addition, the course aims to provide some 'authentic,' real-life experience in using Japanese, and to build community links, through engagement with the Japanese Community/Community of Practice and Learning Community. Students will be given the opportunity to further develop their communicative competence and a variety of other skills through project work and field trips. JAPA 318 will build upon the prerequisite course, JAPA 317 Advancing Japanese A.

P: JAPA317 or equivalent subject to approval of the Programme Head.

R: JAPA415

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

JAPA318-22S2 (C) Semester 2

JAPA325 Advancing Japanese A

30 Points 0.2500 EFTS

This course builds upon JAPA 215. Teaching will focus on the four basic language skills of reading, writing, speaking and listening. By the end of the course students will have acquired a knowledge of upper intermediate / advanced level Japanese and be familiar with complex socio-cultural issues in modern Japan. As well as text-based learning, there will be a focus on task and project-based learning, which will equip students better to apply their language abilities in the workforce or in postgraduate-level learning.

P: JAPA215 or JAPA216, or placement test.

R: JAPA205, JAPA305, JAPA315, JAPA319

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

JAPA325-22S1 (C) Semester 1

JAPA326 Advancing Japanese B

30 Points 0.2500 EFTS

This course builds upon JAPA 325. Teaching will focus on the four basic language skills of reading, writing, speaking and listening. By the end of the course students will have acquired advanced Japanese language ability and be familiar with complex socio-cultural issues in modern Japan. As well as text-based learning, there will be a focus on task and project-based learning, which will equip students better to apply their language abilities in the workforce or in postgraduate-level learning.

P: JAPA325, or placement test.

R: JAPA305, JAPA315

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

JAPA326-22S2 (C) Semester 2

PACE395 Internship

30 Points 0.2500 EFTS

What can you do with your major? With your degree? The purpose of the internship course is to explore both the ideological and practical assumptions guiding this question. The course is designed to be a critical, theoretical and "real-world" examination of the practices and ideologies inherent in both community and business organisations. You will apply the analytical skills acquired through your major, and through class seminars and readings, to a project designed by a local company or community group. Please check out the website for further information and specific project descriptions: www.arts.canterbury.ac.nz/internships

P: 150 points, special application and interview, and permission of the Internship Director.

R: ARTS395

EQ: ARTS395

Domestic Fee: \$1,570 (2021)

International Fee: \$7,000 (2021)

PACE395-21SU2 (C) Summer (Nov 21)

PACE395-22A (C) Starts Anytime

PACE395-22S1 (C) Semester 1

PACE395-22S2 (C) Semester 2

Limited entry. See limitation of entry regulations. A student will be selected for a specific project. Only students accepted for projects will be allowed into the course. Please go to <http://www.arts.canterbury.ac.nz/internships> for more information.

Postgraduate

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

JAPA409 Independent Course of Study: Advanced Readings in Applied Case Studies

30 Points 0.2500 EFTS

P: HOD Mandatory

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

JAPA409-22W (C) Whole Year (S1 and S2)

JAPA409-22S1 (C) Semester 1

Journalism

JAPA414 Advanced Japanese Language A

15 Points 0.1250 EFTS

The purpose of this course is to prepare students to conduct research using Japanese materials. It will build upon the prerequisite 300-level course. On successful completion of JAPA414, the student should be able to read, comprehend, and summarise articles on various topics in standard modern Japanese.

P: JAPA326 with at least a B pass, or ARA course BLJA702 with at least a B pass, and subject to approval of the Programme Director.

R: JAPA317, JAPA407

Domestic Fee: \$969 (2021)

International Fee: \$4,125 (2021)

JAPA414-22S1 (C) Semester 1

JAPA415 Advanced Japanese Language B

15 Points 0.1250 EFTS

The purpose of this course is to prepare students to conduct research using Japanese materials. It will build upon the prerequisite course, JAPA414: Advanced Japanese Language A. On successful completion of JAPA415, the student should be able to read, comprehend, and critique articles on various topics in standard modern Japanese.

P: JAPA414 and subject to approval of the Programme Director.

R: JAPA318, JAPA407

Domestic Fee: \$969 (2021)

International Fee: \$4,125 (2021)

JAPA415-22S2 (C) Semester 2

JAPA419 Readings in Contemporary Japanese Literature: Pre-war to Early Post-war Periods

15 Points 0.1250 EFTS

Not offered in 2022

This course introduces students to Japanese literary texts from pre-war Japan through to the early post-war period. A selection of short stories and poetry is read and studied in the original Japanese. Students are introduced to the various major literary and other theoretical discourses and these are then applied to analyze the texts from both literary and sociological points of view. Training is also provided in the translation of Japanese literary texts.

P: Subject to approval of the Programme Director.

R: JAPA405

JAPA420 Readings in Contemporary Japanese Literature: 1980s to the present

15 Points 0.1250 EFTS

The course introduces students to Japanese literary texts from the 1980s to the present. A selection of short stories and poetry by a range of contemporary authors, including Okinawan-Japanese novelists, are read and studied in the original Japanese. Students are introduced to various major literary and other theoretical discourses and these are then applied to analyze the texts from both literary and sociological points of view. Training is also provided in the translation of Japanese literary texts.

P: Subject to approval of the Programme Director.

R: JAPA405

Domestic Fee: \$969 (2021)

International Fee: \$4,125 (2021)

JAPA420-22S2 (C) Semester 2

JAPA424 Readings in Pre-modern Japanese History

15 Points 0.1250 EFTS

Not offered in 2022

This course aims to broaden students' understanding of the major developments, events and personalities in Japan's pre-modern history, from the earliest times to the dawn of the modern era. It will also focus on linguistic aspects of Japan's academic written style, familiarity with which will enhance students' ability to comprehend and translate the wide variety of non-fiction materials they will encounter in their own research.

P: Subject to approval of the Programme Director.

R: JAPA404

JAPA435 Independent Course of Study: Readings in Contemporary Japanese Literature

30 Points 0.1250 EFTS

P: Subject to approval by the Head of Department

Domestic Fee: \$969 (2021)

International Fee: \$4,125 (2021)

JAPA435-22S1 (C) Semester 1

JAPA480 Research Essay

30 Points 0.2500 EFTS

In this course, students explore a research topic of their choice under the supervision of an appropriate staff member. This course is compulsory for all Honours students.

P: Subject to approval of the Programme Director.

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

JAPA480-22W (C) Whole Year (S1 and S2)

JAPA480-22S2 (C) Semester 2

JAPA650 MA Dissertation

60 Points 0.5000 EFTS

MA Dissertation

P: Subject to the approval of the Head of Department.

Domestic Fee: \$3,610 (2021)

International Fee: \$16,500 (2021)

JAPA650-22A (C) Starts Anytime

JAPA650-22S1 (C) Semester 1

JAPA650-22S2 (C) Semester 2

Part-time enrolment (0.65 EFTS) is available on approval.

JAPA690 MA Thesis

120 Points 1.0000 EFTS

P: Subject to approval of the Programme Director.

Domestic Fee: \$7,220 (2021)

International Fee: \$33,000 (2021)

JAPA690-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval.

JAPA790 Japanese PhD

120 Points 1.0000 EFTS

P: Subject to approval of the Head of School.

Domestic Fee: \$7,220 (2021)

International Fee: \$33,000 (2021)

JAPA790-22A (C) Starts Anytime

*Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Journalism

Te Kura Mātāpuna Tangata | School of Language, Social and Political Sciences

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

JOUR790 Journalism PhD

120 Points 1.0000 EFTS

P: Subject to approval of the Head of School.

Domestic Fee: \$7,220 (2021)

International Fee: \$33,000 (2021)

JOUR790-22A (C) Starts Anytime

*Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Languages and Cultures

Te Kura Mātāpuna Tangata | School of Language, Social and Political Sciences

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

Postgraduate

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

LANC401 In Other Words What? Theory and Practice of Translation

30 Points 0.2500 EFTS

An introduction to Translation Studies for students skilled in two or more languages, including aspects of modern theory and practice in the craft of accurate translation.

P: Subject to approval of the Head of Programme.

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

LANC401-22S1 (C) Semester 1

LANC403 Translation in the digital era: tools and practices

30 Points 0.2500 EFTS

The recent revolutionary upheaval in the field of technology has brought far-reaching changes within the discipline of translation in today's digital world. This course introduces students to the fundamentals of contemporary translation technology and its varied applications, including the basics of audio-visual translation (AVT) and the use of Computer-Assisted Translation Tools, especially SDL Trados Studio.

P: Subject to the approval of the Head of Department.

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

LANC403-22S1 (C) Semester 1

LANC404 Translating and Interpreting for the Community

30 Points 0.2500 EFTS

This course focuses on the concept of Community Translation and Interpreting, of which the purpose is to provide members of minority communities language access to public services offered both routinely and in a crisis scenario. This course will introduce functional translation theories as the theoretical framework with practical advice and discussion on both achievement of pragmatic equivalence and significance of self-reflection on students' development of individual translation/interpreting skills.

P: Subject to the approval of the Head of Department.

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

LANC404-22S1 (C) Semester 1

LANC405 Translation Portfolio

30 Points 0.2500 EFTS

This is a portfolio of independent advanced translation work completed by the student as a concluding part of their programme of study. This work will reflect some of the key theoretical and practical issues addressed in the programme prescriptions and will include translations of at least 10000 words in total, of at least three different types (health, legal, literary, business, etc.). This work will be supervised by a staff member from the relevant language programme.

P: LANC401, and LANC403 or LANC404, and Subject to the approval of the Head of Department.

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

LANC405-22S1 (C) Semester 1

LANC405-22S2 (C) Semester 2

LANC406 Translation Research Project

60 Points 0.5000 EFTS

This is an extended project in which students will complete the translation of a substantial source text of their choice of at least 10000 words and will supplement the translation with a research essay of 10-12000 words in which they reflect critically on the translatability of the chosen text, on their translation strategy as well as on various theoretical issues pertinent to their translation choices. This work will be supervised by a staff member from the relevant language programme.

P: LANC401, and LANC403 or LANC404, and Subject to the approval of the Head of Department.

Domestic Fee: \$3,874 (2021)

International Fee: \$16,500 (2021)

LANC406-22S1 (C) Semester 1

LANC406-22S2 (C) Semester 2

LANC407 Advanced Language Acquisition and Specialised Translation/ Interpreting Study Abroad

60 Points 0.5000 EFTS

This course comprises a set of advanced language acquisition and/or translation and interpreting modules in the student's major language at a partner university in the country of the student's major language. The course is administered through existing exchange arrangements with UC's partner institutions and is equivalent to ZZEX. The overseas institution courses for LANC404 will be selected with guidance by a staff member from the relevant language programme and are subject to approval by the MATI Programme Coordinator. Enrolment in the course will follow normal procedures for student exchange at UC.

P: Subject to the approval of the Head of Department.

Domestic Fee: \$3,874 (2021)

International Fee: \$16,500 (2021)

LANC407-22S2 (D) Semester 2

Ture | Law

Kaupeka Ture | Faculty of Law

LAWS101 Legal System: Legal Method and Institutions

30 Points 0.2500 EFTS

The course aims to provide a foundation in the skills of legal method, comprising case analysis, statutory interpretation and legal reasoning. It also introduces, and gives a descriptive outline of, the legal systems in New Zealand and England, including the structure of the courts, the sources of law, the classification of substantive law, dispute resolution and legal services.

C: LAWS110

R: CRJU150

Domestic Fee: \$1,690 (2021)

International Fee: \$8,625 (2021)

LAWS101-22W (C) Whole Year (S1 and S2)

LAWS102 Law, Justice and Morality

15 Points 0.1250 EFTS

Not offered in 2022

An introduction to: the concept of Law; law and morality; law and justice; comparative legal systems; Māori customary law; the administration of justice; law and social control and the sociology of law.

LAWS110 Legal Foundations, Research and Writing

15 Points 0.1250 EFTS

The course aims to provide a foundation in the skills of legal research and legal writing together with an academic grounding in topics fundamental to the New Zealand legal system. The course will involve training by way of proactive exercises in legal research and legal writing. It will also examine the historical development of New Zealand's legal system, fundamental constitutional doctrines and the significance of the Treaty of Waitangi within the New Zealand legal system.

C: LAWS 101

Domestic Fee: \$845 (2021)

International Fee: \$4,313 (2021)

LAWS110-22S1 (C) Semester 1

LAWS202 Criminal Law

30 Points 0.2500 EFTS

The general principles of criminal liability. The law relating to indictable and other selected offences chargeable under New Zealand law. Procedure on indictment and summary procedure (excluding evidence).

P: LAWS203, LAWS205 and LAWS206

C: LAWS204, LAWS301

Domestic Fee: \$1,690 (2021)

International Fee: \$8,625 (2021)

LAWS202-22W (C) Whole Year (S1 and S2)

Limited entry. See limitation of entry regulations.

LAWS203 The Law of Contract

30 Points 0.2500 EFTS

The general principles of governing the formation of contracts, vitiating elements, breach of contract and remedies.

P: LAWS101 and LAWS110

C: LAWS205 and LAWS206

Domestic Fee: \$1,690 (2021)

International Fee: \$8,625 (2021)

LAWS203-22W (C) Whole Year (S1 and S2)

Limited entry. See limitation of entry regulations.

LAWS204 The Law of Torts

30 Points 0.2500 EFTS

General principles of civil liability. The law as to the various kinds of torts. The law relating to compensation for personal injury by accident in New Zealand.

P: LAWS101 and LAWS110

C: LAWS203, LAWS205 and LAWS206

Domestic Fee: \$1,690 (2021)

International Fee: \$8,625 (2021)

LAWS204-22W (C) Whole Year (S1 and S2)

Limited entry. See limitation of entry regulations.

LAWS205 Land Law

30 Points 0.2500 EFTS

The history and principles of land law.

P: LAWS101 and LAWS110

C: LAWS203 and LAWS206

Domestic Fee: \$1,690 (2021)

International Fee: \$8,625 (2021)

LAWS205-22W (C) Whole Year (S1 and S2)

Limited entry. See limitation of entry regulations.

LAWS206 Public Law

30 Points 0.2500 EFTS

The principles and working of the constitution, the institutions of government, the exercise of public power and relations between the citizen and the state. Controls on the exercise of public power, including an introduction to judicial review.

P: LAWS101 and LAWS110

C: LAWS203 and LAWS205

Domestic Fee: \$1,690 (2021)

International Fee: \$8,625 (2021)

LAWS206-22W (C) Whole Year (S1 and S2)

Limited entry. See limitation of entry regulations.

LAWS301 Equity and Trusts

15 Points 0.1250 EFTS

The principles of equity with particular reference to the law of trusts. The principles of the law of succession and of the administration of estates. Choses in action and their assignment.

P: LAWS203, LAWS205 and LAWS206

C: LAWS202 and LAWS204

Domestic Fee: \$845 (2021)

International Fee: \$4,313 (2021)

LAWS301-22S1 (C) Semester 1**LAWS303 Advanced Employment Law**

15 Points 0.1250 EFTS

Not offered in 2022

The course aims to provide a sound academic grounding in key areas of advanced employment law. It will examine the key topics of freedom of association, unions, collective bargaining and strikes and lockouts, as well as selected topics drawn from areas such as institutional employment law, discrimination, occupational safety and health, and privacy.

P: LAWS363

C: LAWS202-LAWS206

R: LAWS318

LAWS305 Company Law

15 Points 0.1250 EFTS

The course aims to provide a sound academic grounding in key areas of company law. It will examine the key topics of company incorporation, separate corporate personality, company constitutions and shareholder agreements, company capacity, legal relationships with third parties, company liability for criminal and civil wrongs, allocation of power within a company, shareholders in general meeting, the board of directors, duties of directors, equity financing, accounts and disclosure, and enforcement.

C: LAWS202-LAWS206

R: LAWS312

Domestic Fee: \$845 (2021)

International Fee: \$4,313 (2021)

LAWS305-22S1 (C) Semester 1**LAWS306 Special Topic: Law and Transition to the Workplace**

15 Points 0.1250 EFTS

This dynamic final year capstone course reinforces and consolidates what LLB students have learned in the whole LLB degree program. It allows them to demonstrate their mastery, analysis and synthesis of legal knowledge and skills. Students will engage with a case study involving all their legal skills such as drafting documents, giving advice and using negotiation and mediation skills. They will also take part in group work and oral presentations. Other sections of the course cover wellness and resilience, bi-cultural skills in a multi-cultural society, career readiness, technology and work, the culture of law and the reality of legal work and workplaces. The main aim is that law students will graduate with strengthened employability as a graduate attribute and be able to move more easily into workplaces where they will be using their LLB.

P: (i) LAWS202 - LAWS206; (ii) Subject to the approval of the Head of Department.

C: LAWS301

R: LAWS386

Domestic Fee: \$845 (2021)

International Fee: \$4,313 (2021)

LAWS306-22S1 (C) Semester 1*Limited entry. See limitation of entry regulations.***LAWS307 The Principles of Evidence**

15 Points 0.1250 EFTS

The course aims to provide a sound academic grounding in key principles of the law of evidence. It will examine the key topics of relevance, reliability, probative value, illegitimate prejudice, the influence of human rights, burden of proof, rules of inadmissibility (including hearsay, veracity and propensity and privilege), and trial procedure. In focusing on these key aspects of the law of evidence this course will adopt a strong principle based approach in which the theoretical underpinnings of the development of the law will be examined and discussed.

C: LAWS202-LAWS206

R: LAWS316, CRJU308

Domestic Fee: \$845 (2021)

International Fee: \$4,313 (2021)

LAWS307-22S2 (C) Semester 2**LAWS309 Child and Family Law**

15 Points 0.1250 EFTS

The course aims to provide a sound academic grounding in key areas of Child and Family Law, including Dispute Resolution, Guardianship, Parenting Orders, Child Abduction, Child Abuse and Domestic Violence.

C: LAWS202-LAWS206

R: LAWS317

Domestic Fee: \$845 (2021)

International Fee: \$4,313 (2021)

LAWS309-22S1 (C) Semester 1**LAWS310 Relationship Property and Family Finance**

15 Points 0.1250 EFTS

The course aims to provide a sound academic grounding in the Property (Relationships) Act 1976, Child Support Act 1991, and the adult maintenance provisions of the Family Proceedings Act 1980.

C: LAWS202-LAWS206

R: LAWS317

Domestic Fee: \$845 (2021)

International Fee: \$4,313 (2021)

LAWS310-22S2 (C) Semester 2**LAWS314 Environmental Law, Policy and Society**

15 Points 0.1250 EFTS

The nature of environmental law; the merits and disadvantages of statutory and common law approaches to environmental issues; the evolution of environmental concern; particular legal problems arising out of the nature of environmental issues; the precautionary principle; philosophies of human relations with the natural world; possible implications of environmental necessity for political, social, constitutional and economic organisation; environmental economics and issues of public and private property; historical and present-day case studies. This course is offered in alternate years.

C: LAWS202-LAWS206

R: LAWS304

Domestic Fee: \$845 (2021)

International Fee: \$4,313 (2021)

LAWS314-22S2 (C) Semester 2**LAWS315 Transnational Criminal Law**

15 Points 0.1250 EFTS

Not offered in 2022

Globalised criminal activity has forced states to coordinate their legal responses. This course examines the system of international and domestic laws used by states to suppress transnational criminal activity. First it examines the identification of transnational criminal threats and the development of policy in response. Then it examines the substantive crimes established through treaties. It analyses the contraband offences, crimes of violence and the concept of transnational organised crime. Finally it examines international procedural co-operation. It begins with the foundational issue of jurisdiction and then turns to the steps in that process such as mutual legal assistance and extradition.

P: LAWS324

C: LAWS202-LAWS206

R: CRJU311

EQ: CRJU311

LAWS319 Environmental Law, Conservation and the Public Interest

15 Points 0.1250 EFTS

Not offered in 2022

The law governing the Department of Conservation and its duties, powers and role, and the Ministry for the Environment, and the Treaty of Waitangi as it bears on these; historic places, public recreational and access issues, fish and game matters, pastoral leases, indigenous forest management, biosecurity, hazardous substances and new organisms and commercial fisheries. This course is offered in alternate years.

C: LAWS202-LAWS206

R: LAWS304

LAWS320 NZ Bill of Rights Act 1990

15 Points 0.1250 EFTS

Not offered in 2022

The course focuses on the New Zealand Bill of Rights Act 1990, and involves consideration of the origins and theory behind the legislation and comparison with similar laws in other jurisdictions. There will be case studies of certain protected rights (eg freedom of speech, rights to legal representation in criminal trials, freedom from unreasonable search and seizure).

C: LAWS202-206

LAWS321 International Criminal Law

15 Points 0.1250 EFTS

Not offered in 2022

International Criminal Law introduces students to the nature and cause of international and transnational crimes and to the mechanisms for the suppression and punishment of these crimes through international law.

P: LAWS324

C: LAWS202-LAWS206

R: CRJU309

EQ: CRJU309

LAWS322 International Human Rights

15 Points 0.1250 EFTS

Not offered in 2022

An introduction to international human rights instruments and institutions.

C: LAWS202-LAWS206

LAWS323 Immigration and Refugee Law

15 Points 0.1250 EFTS

Not offered in 2022

An examination of selected domestic and international issues in immigration and refugee law.

C: LAWS202-LAWS206

LAWS324 Principles of Public International Law

15 Points 0.1250 EFTS

The principles of the laws of nations in peace, war and neutrality, and selected issues.

C: LAWS202-LAWS206

R: LAWS342, LAWS375 (prior to 2006)

Domestic Fee: \$845 (2021)

International Fee: \$4,313 (2021)

LAWS324-22S1 (C) Semester 1**LAWS326 Treaty Settlement Negotiations**

15 Points 0.1250 EFTS

An examination of the New Zealand Treaty of Waitangi claims settlement process. This course provides an introduction to the wider context of Treaty settlements including legislation, policy and specific negotiations.

C: LAWS202-LAWS206

Domestic Fee: \$845 (2021)

International Fee: \$4,313 (2021)

LAWS326-22S1 (C) Semester 1**LAWS327 International Environmental Law**

15 Points 0.1250 EFTS

Challenges and institutional responses to global environmental problems, including global warming. This course is offered in alternate years.

P: LAWS324

C: LAWS202-LAWS206

R: ILAP612

Domestic Fee: \$845 (2021)

International Fee: \$4,313 (2021)

LAWS327-22S2 (C) Semester 2**LAWS330 Intellectual Property Law**

15 Points 0.1250 EFTS

An introduction to intellectual property law in New Zealand, including copyright, registered trade marks, passing off, and patents.

C: LAWS202-LAWS206

Domestic Fee: \$845 (2021)

International Fee: \$4,313 (2021)

LAWS330-22S1 (C) Semester 1**LAWS331 Commercial Law I: Sales and Consumer Law**

15 Points 0.1250 EFTS

Not offered in 2022

The course involves a detailed study of the law relating to sale of goods, consumer guarantees, fair trading and other consumer protection legislation.

C: LAWS202-206

R: LAWS311

LAWS332 Commercial Law II: Personal Property Security and Credit

15 Points 0.1250 EFTS

The course involves a detailed study of the law relating to personal securities, as well as associated topics such as credit contracts.

C: LAWS202-LAWS206

R: LAWS311

Domestic Fee: \$845 (2021)

International Fee: \$4,313 (2021)

LAWS332-22S2 (C) Semester 2**LAWS335 Insolvency Law**

15 Points 0.1250 EFTS

Not offered in 2022

An examination of selected personal and corporate law insolvency issues.

C: LAWS202 - 206

LAWS336 Antarctic Legal Studies

15 Points 0.1250 EFTS

Not offered in 2022

This course is offered in alternate years.

C: LAWS202-LAWS206

R: LAWS372 (prior to 2006), ANTA402

LAWS338 World Trade Law

15 Points 0.1250 EFTS

An examination of the major agreements and institutions relating to international trade and development.

C: LAWS202-LAWS206

Domestic Fee: \$845 (2021)

International Fee: \$4,313 (2021)

LAWS338-22S2 (C) Semester 2**LAWS339 Negotiation and the Lawyer**

15 Points 0.1250 EFTS

Not offered in 2022

Theory and practice of negotiation, lawyers' roles and professional responsibility.

C: LAWS202-LAWS206

R: LAWS369 (prior to 2006)

*Limited entry. See limitation of entry regulations.***LAWS341 Insurance Law**

15 Points 0.1250 EFTS

Not offered in 2022

The main principles of insurance law with specific reference to life and property insurance.

C: LAWS202-LAWS206

LAWS344 Gender and the Law

15 Points 0.1250 EFTS

This course will provide an introduction to feminist legal theory and analyse areas of law that raise gender issues, including in a bicultural context.

C: LAWS202-LAWS206

Domestic Fee: \$845 (2021)

International Fee: \$4,313 (2021)

LAWS344-22S2 (C) Semester 2**LAWS346 Commercial Law 3: Commercial Relationships**

15 Points 0.1250 EFTS

Not offered in 2022

This course covers fundamental principles of the law of agency, partnerships, trading trusts and joint ventures and the application of these in a range of commercial relationships.

C: LAWS202-206

LAWS348 Research Project

15 Points 0.1250 EFTS

Note: Students must have a B average in LAWS courses in order to enrol in this course.

P: Head of Department permission mandatory

C: LAWS202-LAWS206

R: LAWS379 (prior to 2006)

Domestic Fee: \$845 (2021)

International Fee: \$4,313 (2021)

LAWS348-22S1 (C) Semester 1**LAWS348-22S2 (C) Semester 2****LAWS350 Competition Law**

15 Points 0.1250 EFTS

The Law regulating or promoting competition in the New Zealand economy.

C: LAWS202-LAWS206

R: AFIS355, ACIS355

Domestic Fee: \$845 (2021)

International Fee: \$4,313 (2021)

LAWS350-22S1 (C) Semester 1**LAWS351 Law and Sport**

15 Points 0.1250 EFTS

A study of the main principles of law affecting amateur and professional sporting activity. This course is offered in alternate years.

C: LAWS202-LAWS206

Domestic Fee: \$845 (2021)

International Fee: \$4,313 (2021)

LAWS351-22S1 (C) Semester 1

LAWS352 Taxation Law

15 Points 0.1250 EFTS

An introduction to income tax. The course also includes consideration of taxpayers' rights and obligations, tax planning and tax avoidance, the role of lawyers in tax investigations and dispute resolution, comparative tax law and practice.

C: LAWS202-LAWS206

R: LAWS394 (1999), LAWS395 (2000-2001)

Domestic Fee: \$845 (2021)

International Fee: \$4,313 (2021)

LAWS352-22S2 (C) Semester 2**LAWS354 Judicial Review**

15 Points 0.1250 EFTS

Not offered in 2022

The principles used by the courts to control the exercise of public power.

C: LAWS202-LAWS206

R: LAWS394 (2000-2002)

LAWS355 European Union Law

15 Points 0.1250 EFTS

Not offered in 2022

The purpose of this course is to provide students with an overall understanding of the EU legal system and associated issues, including the institutional structure of the EU; European Administrative Law; EU lawmaking and judicial control of Union legislation; free movement of goods, persons and services; EU intellectual property law; European criminal law; protection of human rights in the EU; freedom of expression in the EU; environmental protection in the EU; the EU in the world trading system; and implications of the EU for the nation state.

C: LAWS202-LAWS206

R: EURO311, EURA311

LAWS356 Nature, Resources and the Law

15 Points 0.1250 EFTS

Not offered in 2022

The purpose of this course is to provide students with an introduction to law and policy regulating the use and protection of selected natural resources in Aotearoa | New Zealand (including water, fisheries, climate, minerals/petroleum/gas, energy, biodiversity, landscapes and forestry). It will examine natural resources law and policy-making in Aotearoa within the broader regional Pacific and global context. The course will engage with some of the theoretical challenges for the regulation of natural resources, such as: the recognition of Māori (and Indigenous) rights to natural resources and their governance; the purposes of environmental regulation, including the influence of the 'Sustainable Development Goals' and more 'ecocentric' approaches; whether natural resources can be 'owned' and the role of private property and markets in resource management. The course will place Aotearoa| New Zealand law and policy in its regional and global context, drawing on examples from domestic comparative and international law, and pay attention to interdisciplinary perspectives from beyond law.

P: LAWS205

C: LAWS202-204; LAWS206

LAWS357 Special Topic

15 Points 0.1250 EFTS

Not offered in 2022

Special Topic

C: LAWS202-LAWS206

LAWS358 The Rights of Indigenous Peoples

15 Points 0.1250 EFTS

Not offered in 2022

This course aims to give students a solid understanding of the international human rights law framework for the promotion and protection of Indigenous Rights.

C: LAWS202-LAWS206

LAWS359 Trial Advocacy

15 Points 0.1250 EFTS

Theory and practice of trial advocacy.

P: LAWS316 or LAWS307.

C: LAWS202-LAWS206

R: LAWS389 (prior to 2006)

Domestic Fee: \$845 (2021)

International Fee: \$4,313 (2021)

LAWS359-22S1 (C) Semester 1

Limited entry. See limitation of entry regulations.

LAWS360 Jurisprudence

15 Points 0.1250 EFTS

Not offered in 2022

The course involves a study of various modern theories about law from both a descriptive and critical perspective.

C: LAWS202-LAWS206

R: LAWS302

LAWS362 Natural Disasters and the Law

15 Points 0.1250 EFTS

Not offered in 2022

The course will cover (a) the constitutional, administrative and legislative framework for coping with natural disasters in New Zealand; (b) the legal impact of natural disasters on contractual relationships generally and on employment contracts, residential tenancies and insurance contracts; (c) disaster risk management and mitigation as it applies to legal issues; (d) a range of particular issues raised by natural disasters, presented by UC staff, guest lecturers or panellists. These include, but are not limited to, issues such as family law, resource management, insurance, criminal justice and law enforcement, media and privacy law issues, frustration of contract, commercial and residential tenancies and employment law as they may apply in a disaster or post-disaster context. The identification of disaster risks which may affect lawyers and legal issues and how these risks may be managed and reduced.

C: LAWS202-LAWS206

LAWS363 Individual Employment Law

15 Points 0.1250 EFTS

The course aims to provide a sound academic grounding in key areas of individual employment law. It will examine the key topics of classifying the employer/employee relationship, formation of individual employment agreements, operation of individual employment agreements, including interrelationship with collective agreements, and principles relevant to termination, with particular reference to the personal grievance jurisdiction.

C: LAWS202-206

R: LAWS318

Domestic Fee: \$845 (2021)

International Fee: \$4,313 (2021)

LAWS363-22S1 (C) Semester 1**LAWS364 Law of the Sea**

15 Points 0.1250 EFTS

Not offered in 2022

An examination of the principal instruments relating to the law of the sea with particular focus on modern ocean management techniques and current regulatory challenges such as maritime security and marine environmental protection. This course is offered in alternate years.

C: LAWS202-LAWS206

R: LAWS362 prior to 2010, ILAP630

LAWS365 Issues in Policing and Prosecution

15 Points 0.1250 EFTS

This course focuses on the structure, scope and contemporary issues relating to policing and prosecution in New Zealand, including critical assessments of police powers; the role of the Independent Police Conduct Authority (IPCA); aspects of the Police and Crown prosecution processes, diversion, restorative justice and alternatives to traditional court prosecution of offenders; and selected contentious issues, such the effects of policing policies and practices on vulnerable groups. The overall scope of the course is to introduce students to New Zealand's policing history and theories of policing.

C: LAWS202-LAWS206

R: LAWS337, CRJU307

EQ: CRJU307

Domestic Fee: \$845 (2021)

International Fee: \$4,313 (2021)

LAWS365-22S2 (C) Semester 2**LAWS366 Sentencing Theory and Practice**

15 Points 0.1250 EFTS

Theoretical bases for sentencing: just deserts, utilitarianism and other theories. Plea negotiation. Sentencing Act 2002- process, principles and practice. Probation and parole. Proceeds of Crime legislation.

C: LAWS202-LAWS206

R: LAWS337; CRJU301

EQ: CRJU301

Domestic Fee: \$845 (2021)

International Fee: \$4,313 (2021)

LAWS366-22S1 (C) Semester 1

LAWS367 Special Topic: AI Regulation

15 Points 0.1250 EFTS

Not offered in 2022

This course aims to give students a solid understanding of the concept of artificial intelligence, the existing spectrum of AI technologies, and ethical and legal questions related to their use.

P: (1) LAWS101, or (2) Any 60 points at 200-level from Schedule C and S to the Bachelor of Data Science.

C: LAWS202-LAWS206

LAWS368 Comparative Law: New Zealand Law in Global Context

15 Points 0.1250 EFTS

Comparative Law is the study and understanding of different systems of law both as an end in itself and as a means of better understanding the "home" jurisdiction. In an increasingly globalised world, it is fundamentally important to understand the variety of approaches to law that exist and to understand that our own approach is merely one of many. This course provides a basic introduction to the methods of comparative law and a brief overview of key differences in the world's various legal systems. Case studies will provide a deeper understanding of selected overseas jurisdictions and aspects of law. Students who study this course will be well equipped to face the increasingly globalised nature of law and society.

C: LAWS202 - LAWS206

Domestic Fee: \$845 (2021)

International Fee: \$4,313 (2021)

LAWS368-22S1 (C) Semester 1**LAWS370 Problems in International and Regional Trade**

15 Points 0.1250 EFTS

Not offered in 2022

The course examines selected problems in international and regional trade from a New Zealand perspective. Alternate year offering.

C: LAWS202 - LAWS206

R: ILAP633

LAWS371 International Investment Law and Arbitration

15 Points 0.1250 EFTS

The course examines selected problems in international investment law and arbitration relevant to a New Zealand context. Alternate year offering.

C: LAWS202-LAWS206

R: LAWS333 and ILAP634

Domestic Fee: \$845 (2021)

International Fee: \$4,313 (2021)

LAWS371-22S2 (C) Semester 2**LAWS373 Washington Internship**

15 Points 0.1250 EFTS

Enrolment is open to recipients of Washington Internship only. In any year only two awards will be made. Application details are available from the School of Law.

P: Subject to approval of the Head of Department.

Domestic Fee: \$845 (2021)

International Fee: \$4,313 (2021)

LAWS373-22A (C) Starts Anytime**LAWS376 Resource Management Act 1991: Selected Issues**

15 Points 0.1250 EFTS

This course is designed for students wishing to study selected issues in resource management law and sustainability. The course focuses on the Resource Management Act 1991 and investigates various statutory provisions in this Act as they relate to contemporary issues. Current issues include contentious issues such as water rights, wind farms, emissions and sequestration, and iwi involvement. At least for the next three years, the interface between the RMA and the Canterbury Earthquake Recovery Act 2011 will be studied as events unfold in Christchurch. Practitioners skilled in resource management issues will be invited to give guest lectures.

C: LAWS202 - LAWS206

Domestic Fee: \$845 (2021)

International Fee: \$4,313 (2021)

LAWS376-22S2 (C) Semester 2**LAWS378 Genetics, Neuroscience and the Criminal Law**

15 Points 0.1250 EFTS

Not offered in 2022

This course will consider the legal and ethical issues involved in the use of genetic and neuroscientific evidence during criminal investigations and criminal proceedings. This course is offered in alternate years.

P: (1) LAWS202, or (2) CRJU202 and 45 additional points at 200 level from Schedule C to the Bachelor of Criminal Justice and Head of Department Approval.

C: LAWS203-LAWS206

R: CRJU313

LAWS380 Contemporary Issues in Criminal Procedure

15 Points 0.1250 EFTS

Not offered in 2022

Selected topics of current importance in criminal law, drawn from the following list: gender issues in criminal law; dealing with insanity and intellectual disability in criminal cases; consent in sexual offences and offences against the person; offences involving alcohol and drugs; self-defence and the use of force in the defence of property; state powers of search and seizure; prosecutorial discretion and the initiation of proceedings; computer crime; terrorism-related offences; changes to pre-trial and trial proceedings including inquisitorial trials; double jeopardy; interference with criminal proceedings (including both offences against justice and contempt of court).

P: LAWS202 or CRJU202

C: LAWS203-LAWS206

R: CRJU312

EQ: CRJU312

LAWS381 Landlord and Tenant

15 Points 0.1250 EFTS

Not offered in 2022

A study of the main principles of law relating to commercial, residential and agricultural leases and Māori leasehold land together with appropriate elements of negotiation, drafting and dispute resolution.

C: LAWS202-LAWS206

LAWS382 Legal Internship

15 Points 0.1250 EFTS

This course assists students to develop and apply their legal knowledge and skills in workplace placements of 80 hours or more.

P: Subject to approval of Head of School.

C: LAWS202-LAWS206

Domestic Fee: \$845 (2021)

International Fee: \$4,313 (2021)

LAWS382-22S1 (C) Semester 1**LAWS382-22S2 (C) Semester 2***The Summer offering is subject to Limitation of Entry: See limitation of entry regulations.***LAWS383 Law and Medicine**

15 Points 0.1250 EFTS

Not offered in 2022

A study of the main principles of law affecting medicine and medical practice. This course is offered in alternate years.

C: LAWS202-LAWS206

R: CRJU313

LAWS384 Legislation: Law-Making for the 21st Century

15 Points 0.1250 EFTS

Not offered in 2022

The intention of this course is to provide an understanding of the legislative process in New Zealand. It is also meant to raise awareness of possible democratic inadequacies and provide alternative solutions. Students who intend to pursue a career or have an interest in public, constitutional or international law are encouraged to take this course. This course is offered in alternate years.

C: LAWS202-LAWS206

LAWS386 Clinical Legal Studies

15 Points 0.1250 EFTS

The Clinical Legal Studies (CLS) course provides students with applied legal skills and selected management skills training in a context that replicates actual legal practice in the legal, NGO and business services environment. During the course you will assist actual clients with legal problems at the Campus Law Clinic, under the supervision of practising lawyers.

P: LAWS202-LAWS206

R: LAWS306

Domestic Fee: \$845 (2021)

International Fee: \$4,313 (2021)

LAWS386-22S2 (C) Semester 2**LAWS387 Advanced Public Law**

15 Points 0.1250 EFTS

Not offered in 2022

Advanced Public Law will examine theories of public law scholarship in key areas of the discipline. It will examine the primary materials and specialist writings such as: parliamentary sovereignty, the rule of law, judicial review, independence of the judiciary, parliamentary privilege and the Treaty of Waitangi. In addition, students will conduct research on an approved public law topic, write an essay of 3,000 words and deliver an oral presentation to the class on their research.

P: LAWS206

C: LAWS202-LAWS205

Limited entry: See limited entry Regulations.

LAWS388 European Public Law

15 Points 0.1250 EFTS

Not offered in 2022

This course, supported by the European Commission's Jean Monnet programme, is the first of its kind in New Zealand. It examines the constitutional and administrative structures of selected EU Member States and the EU itself. It focusses on their practical operation and the rules and principles that govern decision making in the European Union. The course includes an examination of the EU's external relations and its impact on the Pacific region.

C: LAWS202-LAWS206

R: EURO333, EURA333

EQ: EURA333, EURO333

LAWS390 Private International Law

15 Points 0.1250 EFTS

Not offered in 2022

This course covers the choice of applicable law in private law disputes, the international jurisdiction of New Zealand courts in civil litigation, and the enforcement of foreign civil judgments in New Zealand.

C: LAWS202-LAWS206

LAWS391 Māori Land Law

15 Points 0.1250 EFTS

An introduction to the law relating to Māori land and related resources.

C: LAWS202-LAWS206

Domestic Fee: \$845 (2021)

International Fee: \$4,313 (2021)

LAWS391-22S1 (C) Semester 1**LAWS392 The Treaty of Waitangi**

15 Points 0.1250 EFTS

The status and effect of the Treaty of Waitangi in the legal system.

C: LAWS202-LAWS206

R: POLS218; POLS258; HIST268; SOCI209; HSRV207; MAOR219

Domestic Fee: \$845 (2021)

International Fee: \$4,313 (2021)

LAWS392-22SU1 (C) Summer (Jan 22)**LAWS393 Advanced Land Law**

15 Points 0.1250 EFTS

Not offered in 2022

Advanced study of contemporary concepts of real property. This course is offered in alternate years.

P: LAWS205

C: LAWS202-LAWS204, LAWS206

LAWS396 Media Law

15 Points 0.1250 EFTS

C: LAWS202-LAWS206

R: COMS233

Domestic Fee: \$845 (2021)

International Fee: \$4,313 (2021)

LAWS396-22S2 (C) Semester 2**LAWS397 Civil Procedure**

15 Points 0.1250 EFTS

Not offered in 2022

An examination of the principles of civil procedure, the underlying philosophy of the regulations of court proceedings, and an examination of the rules by which parties resolve disputes before civil tribunals.

C: LAWS202-LAWS206

LAWS398 Legal Ethics

15 Points 0.1250 EFTS

An introduction to ethical theories and their applicability to legal practice. The concept of a profession and the duties and responsibilities of lawyers.

C: LAWS202-LAWS206

R: LAWS370 (prior to 2006), LAWS399 (prior to 2006)

Domestic Fee: \$845 (2021)

International Fee: \$4,313 (2021)

LAWS398-22S1 (C) Semester 1**LLAW300 Pacific Legal Studies**

15 Points 0.1250 EFTS

This course offers an introduction to the law and legal systems in Pacific island countries and territories. It examines customary law and its relationship with state law against a background of legal pluralism and cultural relativism. It provides students with the opportunity to place law within a regional context and undertake research of regional significance. This course may be available to students enrolled in other degrees (with waiver of co-requisites). This course is offered in alternate years.

C: LAWS202-LAWS206

Domestic Fee: \$845 (2021)

International Fee: \$4,313 (2021)

LLAW300-22S1 (C) Semester 1**LLAW302 Special topic : Food law and commercialisation**

15 Points 0.1250 EFTS

Food law and commercialisation examines the local and international policy and regulatory environment for food, before examining specific issues with food regulation and the practice of food commercialisation.

C: LAWS202-LAWS206

Domestic Fee: \$831 (2021)

International Fee: \$4,200 (2021)

LLAW302-21SU2 (C) Summer (Nov 21)**LLAW303 New Zealand Financial Markets Law**

15 Points 0.1250 EFTS

The course will give students an understanding of the legislation and regulations that regulate financial markets in New Zealand.

C: LAWS 202 - LAWS 206

Domestic Fee: \$845 (2021)

International Fee: \$4,313 (2021)

LLAW303-22S2 (C) Semester 2**LLAW314 Serious Financial Crime**

15 Points 0.1250 EFTS

The course examines the nature of selected types of serious financial crime, including money laundering, terrorist financing, corruption, insider trading, and investment frauds. It offers an introduction to the related laws, institutions, and countermeasures against these crimes in New Zealand and internationally. It also identifies the main challenges in combating the emerging financial crime typologies that are committed transnationally and/or use new technologies.

P: LAWS202 or CRJU202

C: LAWS203-LAWS206

R: CRJU314

EQ: CRJU314

Domestic Fee: \$845 (2021)

International Fee: \$4,313 (2021)

LLAW314-22S1 (C) Semester 1**Honours****LAWS410 Advanced Research Skills**

15 Points 0.1250 EFTS

P: Subject to approval of the Head of Department

R: LAWS401 and LAWS670

EQ: LAWS670

Domestic Fee: \$1,009 (2021)

International Fee: \$3,975 (2021)

LAWS410-22S1 (C) Semester 1*Honours candidates only. Entry to the Honours programme is by invitation.***LAWS420 Honours Research Paper**

15 Points 0.1250 EFTS

P: LAWS410

R: LAWS401

Domestic Fee: \$1,009 (2021)

International Fee: \$3,975 (2021)

LAWS420-22S2 (C) Semester 2*Honours candidates only. Entry to the Honours programme is by invitation.***LAWS430 Honours Dissertation**

30 Points 0.2500 EFTS

P: (i) LAWS 420 and (2) Subject to approval of the Head of Department.

R: LAWS451, LAWS501

Domestic Fee: \$2,018 (2021)

International Fee: \$7,950 (2021)

LAWS430-22S1 (C) Semester 1*Honours candidates only. Entry to the Honours programme is by invitation.*

Postgraduate

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

LAWS670 Legal Research Methods

15 Points 0.1250 EFTS

Not offered in 2022

The course aims to provide advanced skills, knowledge and tools of legal research and legal writing together with an academic grounding in the process of questioning and reflection fundamental to the international and domestic legal system, in order to enable students to seek answers to the legal questions that interest them. It will provide students with a thorough grounding in the nature and practicalities of legal research and writing, including the construction of research proposals, questions and strategies, and will equip students with the necessary capabilities to conduct independent legal research. Students will demonstrate that they are able to produce a 1200-word research proposal on a legal topic which identifies a complex topic suitable for an advanced and original legal research paper and plan a programme of research using an appropriate legal research methodology.

P: Admission to LLM candidature. Head of Department Mandatory.

R: LAWS410

EQ: LAWS410

LAWS671 Legal Research Paper 1

15 Points 0.1250 EFTS

The aims for the course are for students to be able to engage in self-directed learning and study. Students will produce a 7000-word legal research paper, based on highly-developed legal research and writing skills; a critical understanding of the key principles relevant to the subject of the legal research paper; and the ability to analyse key issues relevant to a legal problem of some complexity and to offer solutions to that problem.

P: Admission to LLM candidature. Head of Department Mandatory.

Domestic Fee: \$1,009 (2021)

International Fee: \$4,688 (2021)

LAWS671-22FY (C) Full Year (February to February)

LAWS671-22CY (C) Cross Year

LAWS672 Legal Research Paper 2

15 Points 0.1250 EFTS

The aims for the course are for students to be able to engage in self-directed learning and study. Students will produce a 7000-word legal research paper, based on highly-developed legal research and writing skills; a critical understanding of the key principles relevant to the subject of the legal research paper; and the ability to analyse key issues relevant to a legal problem of some complexity and to offer solutions to that problem.

P: Admission to LLM candidature. Head of Department Mandatory.

Domestic Fee: \$1,009 (2021)

International Fee: \$4,688 (2021)

LAWS672-22FY (C) Full Year (February to February)

LAWS672-22CY (C) Cross Year

LAWS673 Legal Research Paper 3

15 Points 0.1250 EFTS

The aims for the course are for students to be able to engage in self-directed learning and study. Students will produce a 7000-word legal research paper, based on highly-developed legal research and writing skills; a critical understanding of the key principles relevant to the subject of the legal research paper; and the ability to analyse key issues relevant to a legal problem of some complexity and to offer solutions to that problem.

P: Admission to LLM candidature. Head of Department Mandatory.

Domestic Fee: \$1,009 (2021)

International Fee: \$4,688 (2021)

LAWS673-22FY (C) Full Year (February to February)

LAWS673-22CY (C) Cross Year

LAWS674 Legal Dissertation

60 Points 0.5000 EFTS

The aims of the course are for students to be able to engage in self-directed learning and study. Students will demonstrate that they are able to produce a 20,000-word legal dissertation on a legal topic which demonstrates that they have advanced legal research and writing skills; advanced technical and/or theoretical knowledge relevant to the subject of the dissertation illustrated by a critical understanding of key principles; analytical and critical skills such that they can analyse the legal issues arising out of a complex legal problem and generate and then evaluate possible solutions. Students will be able to orally present and defend their research to an audience of legal experts using advanced oral presentation skills.

P: Admission to LLM candidature. Head of Department Mandatory.

Domestic Fee: \$4,037 (2021)

International Fee: \$18,750 (2021)

LAWS674-22FY (C) Full Year (February to February)

LAWS674-22CY (C) Cross Year

LAWS690 LLM Thesis

120 Points 1.0000 EFTS

P: Admission to LLM candidature. Head of Department Mandatory.

Domestic Fee: \$7,558 (2021)

International Fee: \$37,500 (2021)

LAWS690-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval.

LAWS790 Law PhD

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$7,558 (2021)

International Fee: \$37,500 (2021)

LAWS790-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.

Linguistics

Te Kura Mātāpuna Tangata | School of Language, Social and Political Sciences

LING101 The English Language

15 Points 0.1250 EFTS

This course introduces students to the study of the English language, its words, sounds and sentences. It also introduces the conceptual and analytical tools which linguists use to understand how languages are constructed.

R: ENGL123, ENLA101

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

LING101-22S1 (C) Semester 1

LING101-22S1 (D) Semester 1

LING102 Language and Society in New Zealand and Beyond

15 Points 0.1250 EFTS

What do babies know about language when they're born? And how do our experiences as we get older affect both how we use language and what we think about other people's language behaviour? Why, for example, do people think some languages, or some dialects, are 'better' than others? And is there any truth behind such beliefs? In this course we consider a range of research from the field of linguistics that addresses these and other questions. The role of language experience will emerge as a recurrent theme: the experience that the infant has with a particular language; how our early experience with language affects how we speak and how we listen, and how our beliefs about language are created and maintained in connection to other experiences in our social lives.

R: ENLA102

EQ: ENLA102

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

LING102-22S2 (D) Semester 2

LING102-22S2 (C) Semester 2

LING104 European Languages in Europe and Beyond

15 Points 0.1250 EFTS

Not offered in 2022

This course is for students undertaking a first year course in European languages or in European Union studies. The course is open to all undergraduates irrespective of their discipline. It covers a range of topics relating to languages of Europe: how they developed and spread as a group of languages, as isolates, or the way in which (inter)national languages of Europe developed. The course also looks at the role languages play in the European Union, and how the construction of Europe insists on protecting language diversity.

R: EULC104, EURO104, EURA104

EQ: EURA104

LING210 Sociolinguistic methods

15 Points 0.1250 EFTS

This course explores the sociolinguistic study of language variation and change. We examine how language varies both between individuals (e.g. accents) and within individuals (e.g. style). You will also learn transferable research skills. Students will record a sociolinguistic interview and analyse it to uncover hidden linguistic patterns.

P: Any 15 points at any level from any subject.

R: LING203, ENLA210

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

LING210-22S2 (C) Semester 2

LING210-22S2 (D) Semester 2

Linguistics

LING215 Phonetics: The sounds of speech

15 Points 0.1250 EFTS

This course is about phonetics - understanding how speech sounds are made. In the first part of the course, we learn how people articulate sounds. In the second part, we learn how to measure speech sounds using computer software. We will also learn how these skills can help us understand important issues in accent change, forensic linguistics, and speech pathology.

P: Any 15 points at any level from LING.

R: CMDS231

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

LING215-22S1 (C) Semester 1

LING215-22S1 (D) Semester 1

LING216 Phonology and Morphology

15 Points 0.1250 EFTS

How do languages organize sound systems to create words, and how do they combine small meaningful units to make larger complex words? Students will get hands-on experience discovering patterns in many languages, and will gain an understanding of how these patterns may be shaped by the cognitive properties of speakers and listeners.

P: Any 15 points at any level from LING.

R: LING207, LING302

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

LING216-22S2 (C) Semester 2

LING216-22S2 (D) Semester 2

LING217 Grammatical structure

15 Points 0.1250 EFTS

This course introduces grammatical structures in both morphology (words) and syntax (sentences). Both types of structure are essential parts of how languages encode meaning. The goal of the course is to understand both the range of structures that are found in language as well as how morphological and syntactic structure interacts.

P: Any 15 points at any level from LING.

R: LING201, LING206, LING211

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

LING217-22S2 (C) Semester 2

LING217-22S2 (D) Semester 2

LING219 Language Acquisition

15 Points 0.1250 EFTS

This course deals with key aspects of how human language is acquired by children, from infancy to adolescence. Selected topics in bilingual and second language development are also covered.

P: Any 15 points at any level from any subject.

R: CMDS221, LING205

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

LING219-22S1 (C) Semester 1

LING219-22S1 (D) Semester 1

LING223 Text Analytics

15 Points 0.1250 EFTS

This course introduces quantitative methods for understanding the vast amount of information and human knowledge that has been stored in the form of language data. This area is also known as computational linguistics or natural language processing.

P: 15 points at any level from any subject.

R: DIGI223

EQ: DIGI223

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

LING223-22S1 (C) Semester 1

LING223-22S1 (D) Semester 1

LING225 Language and Social Justice

15 Points 0.1250 EFTS

How can we use linguistic evidence to solve crimes? What does linguistic analysis tell us about legal language? In this course, students learn how to use linguistics for forensic purposes. What can a piece of spoken or written language tell us about its authors? Can linguistic analysis expose inequalities in the legal system? What are the implications of using linguistic evidence for commercial or defense purposes?

P: Any 15 points at any level from any subject.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

LING225-22S2 (C) Semester 2

LING225-22S2 (D) Semester 2

LING230 Special Topics in Linguistics

15 Points 0.1250 EFTS

Not offered in 2022

P: Any 15 points at any level from any subject.

LING306 Topics in Syntactic Theory

30 Points 0.2500 EFTS

Not offered in 2022

This course follows on from second-year syntax, covering selected advanced topics and current research in syntactic theory.

P: LING217

LING307 Topics in Phonetics and Phonology

30 Points 0.2500 EFTS

This course follows on from second-year phonetics and phonology, covering selected advanced topics and current research in phonetics and phonological theory.

P: LING215

R: LING301, LING311

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

LING307-22S1 (C) Semester 1

LING307-22S1 (D) Semester 1

LING309 Topics in Morphology and Word Formation

30 Points 0.2500 EFTS

Not offered in 2022

Words have an internal structure and, in many languages, words also take inflections. Theories relating to these basic properties predict that there are limits on both word formation and inflection. They also predict that there will be interface conditions with the phonology, syntax and semantics of languages. This course will explore and test some of these theories by reference to a range of languages.

P: LING201 or LING206 or LING211 or LING216 or LING217

LING310 Linguistic Research and New Zealand English

30 Points 0.2500 EFTS

Research on New Zealand English has taught us a lot about how language varies and changes. In this course, you will carry out your own research project on New Zealand English, using our internationally renowned language databases, or by collecting your own data using a questionnaire or language experiment. You will do real research, in a collaborative research lab environment. The best projects are submitted to academic journals for possible publication.

P: Any 15 points at 200 level from LING.

R: ENLA310

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

LING310-22S2 (C) Semester 2

LING310-22S2 (D) Semester 2

LING315 Special Topic: Natural Language Processing

15 Points 0.1250 EFTS

Not offered in 2022

This course introduces central problems and methods in natural language processing. There is a special focus on the challenges presented by low-resource languages in the Pacific. Through their experiences in this course, students will be able to: - Describe the central problems and methods in natural language processing - Apply standard methods and models to existing text datasets - Compare standard methods by their assumptions and applications - Design an application of existing methods to a NZ-specific context - Evaluate the performance of the above application against reasonable baselines.

P: COSC262

LING320 History of English

30 Points 0.2500 EFTS

This course explores language variation and change, and illustrates these notions through a survey of the way in which English has varied and changed during its recorded history. It will look both at the social history of the language and the linguistic changes that have taken place over the last 1400 years.

P: LING101 and any 15 points at 200 level from any subject.

R: LING220, ENLA320

RP: Any LING 200 level course

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

LING320-22S1 (C) Semester 1

LING320-22S1 (D) Semester 1

PACE395 Internship

30 Points 0.2500 EFTS

What can you do with your major? With your degree? The purpose of the internship course is to explore both the ideological and practical assumptions guiding this question. The course is designed to be a critical, theoretical and "real-world" examination of the practices and ideologies inherent in both community and business organisations. You will apply the analytical skills acquired through your major, and through class seminars and readings, to a project designed by a local company or community group. Please check out the website for further information and specific project descriptions: www.arts.canterbury.ac.nz/internships

P: 150 points, special application and interview, and permission of the Internship Director.

R: ARTS395

EQ: ARTS395

Domestic Fee: \$1,570 (2021)

International Fee: \$7,000 (2021)

PACE395-21SU2 (C) Summer (Nov 21)

PACE395-22A (C) Starts Anytime

PACE395-22S1 (C) Semester 1

PACE395-22S2 (C) Semester 2

Limited entry. See limitation of entry regulations. A student will be selected for a specific project.

Only students accepted for projects will be allowed into the course. Please go to <http://www.arts.canterbury.ac.nz/internships> for more information.

Postgraduate

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

LING400 English Structures

30 Points 0.2500 EFTS

This course is an intensive introduction to the linguistic structures of English, covering pronunciation (phonetics & phonology) and grammar (syntax & semantics). A key feature of the course is one of comparison - in part one we compare pronunciation systems across varieties of English and other languages, and in part two we compare the sentence structure of English to that of other languages. This course will be valuable for anyone planning to teach English as an additional language, or those who want a detailed introduction to the analytical tools linguists use to study English and other languages.

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,905 (2021)

International Fee: \$8,000 (2021)

LING400-21SU2 (D) Summer (Nov 21)

LING403 Syntactic Theory

30 Points 0.2500 EFTS

Not offered in 2022

Current issues in generative syntax.

P: Subject to approval of the Head of Department.

LING407 Field Methods

30 Points 0.2500 EFTS

Not offered in 2022

A practical introduction to the means by which linguists obtain raw linguistic data from some language and begin the task of describing and analysing its structure.

P: Subject to approval of the Head of Department.

LING410 Variation and Theory

30 Points 0.2500 EFTS

Advanced study of aspects of the use of language in social contexts.

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

LING410-22S1 (C) Semester 1

LING410-22S1 (D) Semester 1

LING412 Sociophonetic Research

30 Points 0.2500 EFTS

Aspects of socially-conditioned phonetic variation in speech. These include sound change, social and regional variation, phonetic style-shifting, and the study of how socially-conditioned phonetic variation can be accommodated by models of speech perception and production.

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

LING412-22S2 (C) Semester 2

LING412-22S2 (D) Semester 2

LING480 Research Essay

30 Points 0.2500 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

LING480-22S2 (C) Semester 2

LING480-22S2 (D) Semester 2

LING615 World Englishes

30 Points 0.2500 EFTS

This course explores some of the historical, political and social issues associated with the development of different World Englishes, discussing key structural differences between varieties of English along the way. Of course, for the language professional attempting to operate in this environment (e.g. teacher, writer, editor, policy maker), there are a number of practical challenges: e.g. what type of English should we teach (and endorse)? How do learners' attitudes towards their target variety affect their eventual proficiency? How do we codify new and emerging varieties? These and many more real-world issues associated with policy, planning and pedagogy are tackled in this course.

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

LING615-22S1 (C) Semester 1

LING615-22S1 (D) Semester 1

LING650 MA Dissertation

60 Points 0.5000 EFTS

MA Dissertation

P: Subject to approval of the Head of Department.

Domestic Fee: \$3,610 (2021)

International Fee: \$16,500 (2021)

LING650-22A (C) Starts Anytime

LING650-22S1 (C) Semester 1

LING650-22S2 (C) Semester 2

LING690 MA Thesis

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$7,220 (2021)

International Fee: \$33,000 (2021)

LING690-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval.

LING691 MLing Thesis

90 Points 0.7500 EFTS

In this course students design and carry out a research project, with the support of an academic supervisor. The research topic is decided in collaboration between the student and supervisor. Research training is also provided.

P: Subject to approval of the Head of Department.

Domestic Fee: \$5,415 (2021)

International Fee: \$24,750 (2021)

LING691-22A (C) Starts Anytime

LING691-22A (D) Starts Anytime

LING790 Linguistics PhD

120 Points 1.0000 EFTS

P: Subject to approval of the Head of School.

Domestic Fee: \$7,220 (2021)

International Fee: \$33,000 (2021)

LING790-22A (C) Starts Anytime

*Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Management

Department of Management, Marketing and Entrepreneurship

MGMT100 Fundamentals of Management

15 Points 0.1250 EFTS

An introduction to the fundamental principles of management related to the functional areas of planning, organising, leading and controlling, as well as an introduction to how organisations are linked to the New Zealand and global business environment.

R: MGMT101

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

MGMT100-22S1 (C) Semester 1

MGMT100-22S1 (D) Semester 1

MGMT100-22S2 (C) Semester 2

MGMT170 Managerial Decision Making

15 Points 0.1250 EFTS

This course introduces basic managerial decision-making tools and their application to business. The topics include project management, forecasting, inventory management, cost-benefit analysis and decision-making. The course develops problem solving skills, an invaluable tool for modern business.

R: MSC1101

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

MGMT170-22S2 (C) Semester 2

MGMT170-22S2 (D) Semester 2

MGMT206 Organisational Behaviour

15 Points 0.1250 EFTS

This course provides an introduction to the study of individual and group behaviour in organisations. The course is taught in two parts. In the first part we examine individual-level topics such as personality differences; perception and learning in organisations; workplace emotions, theories of motivation; and stress management. We then move on to discuss team and organisational-level processes, including decision-making; group dynamics and teamwork; communication; power and conflict management; organisational structure and design; organisational culture; and organisational change.

P: (1) MGMT100; and (2) A further 45 points

R: MGMT201, MGMT216

EQ: MGMT216

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

MGMT206-22S1 (C) Semester 1

MGMT207 Principles of Human Resource Management

15 Points 0.1250 EFTS

This course covers the principles of human resource management (HRM) - its major functional areas and the major theories that are the basis for modern HRM practices.

P: (1) MGMT100; and (2) A further 45 points

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

MGMT207-22S1 (C) Semester 1

MGMT208 Principles of Leadership

15 Points 0.1250 EFTS

Not offered in 2022

This course takes a holistic look at leadership. It explores the foundations of personal leadership with particular attention to the emerging disciplines of positive psychology and positive leadership. The course will provide students the opportunity to apply leadership in real world situations, as students will work in groups with local leaders to assess the needs, then design and carry out a project to help meet the needs of the assigned organisation.

P: (1) MGMT100; and (2) A further 45 points

MGMT221 International Business

15 Points 0.1250 EFTS

This course introduces the major topics in International Business, including comparative environmental frameworks, government and economic influences, import/export, and organisation of international business. The course emphasises the pervasive repercussions of global issues on contemporary business management and the role of the business owner or executive manager.

P: (1) MGMT 100; and (2) A further 45 points

R: MGMT220

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

MGMT221-22S1 (C) Semester 1

MGMT223 Innovation Management

15 Points 0.1250 EFTS

This course introduces the theories and practices of innovation management. The course examines areas including the role of innovation for growth and wealth creation, effective innovation processes and the associated management issues, and the characteristics of innovative organisations.

P: (1) MGMT 100; and (2) A further 45 points

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

MGMT223-22S2 (C) Semester 2

MGMT228 Chinese Business Practices and Culture (study tour)

15 Points 0.1250 EFTS

Not offered in 2022

This course comprises a 3-week study trip to Zhejiang Gongshang University in Hangzhou, China, where the student will take courses on Chinese business practices and culture, and interact with Chinese students and businesses.

P: (1) 30 points from Commerce subjects; (2) a further 30 points at 200-level; (3) subject to Head of Department approval.

Limited entry. See limitation of entry regulations.

MGMT230 Business, Society and the Environment

15 Points 0.1250 EFTS

This course is a general introduction to the changing responsibilities of business to society and the environment. This course is designed to 1) help you to understand current perspectives on the impact of business on climate change globalisation, and consumerism, and 2) to help you analyse and develop ways in which business organisations respond ethically to the needs of society and the environment. Each of the topics is addressed at a global, national and organisational level.

P: 60 points

R: MKTG230

EQ: MKTG230

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

MGMT230-22S1 (C) Semester 1

MGMT230-22S2 (C) Semester 2

MGMT240 Business Communication for the Global Age

15 Points 0.1250 EFTS

Not offered in 2022

This course examines core communication functions in contemporary organisations and discusses how these can be fulfilled in a global business setting. It seeks to provide students with a sound theoretical framework from which to develop their professional communication practices.

P: MGMT100

RP: MGMT206

MGMT270 Introduction to Operations and Supply Chain Management

15 Points 0.1250 EFTS

An introductory course in OM which provides an overview of topics fundamental to Supply Chain Management: operations strategy, strategic capacity planning, logistics, facility location, data management and forecasting. Ideas from these topics are then integrated via the playing of The Supply Chain Game.

P: (1) MGMT100 or MGMT170; and (2) STAT101

R: MSC1270, MSC1220

EQ: MSC1270

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

MGMT270-22S1 (C) Semester 1

MGMT271 Operations Management Processes

15 Points 0.1250 EFTS

An introduction to Supply Chain Management and Operations Management providing the necessary groundwork for more advanced study in this field. There is an emphasis on practical application of the methods taught throughout the course. It considers in detail processes involved in supply chain management. The internal organisation of processes within a manufacturer or service provider is explored. The importance of inventory and the processes to control it, such as Materials Requirements Planning and Lean Production, will be discussed. The course also considers the issue of quality management and how it can be controlled.

P: (1) MGMT100 or MGMT170; and (2) STAT101

R: MSC1221, MSC1271

RP: MGMT270 or MSC1270

EQ: MSC1271

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

MGMT271-22S2 (C) Semester 2

MGMT281 Business Research Methods

15 Points 0.1250 EFTS

Not offered in 2022

This course introduces students to the philosophy of research in the business/management field, including both qualitative and quantitative methods. It covers the research process and introduces students to the statistical package SPSS. This course is highly recommended for students contemplating postgraduate study in management.

P: (1) 15 points STAT; and (2) A further 45 points

R: MKTG280, MSC1280, MGMT280, MSC1281

EQ: MSC1281

MGMT301 Leading Change and Innovation

15 Points 0.1250 EFTS

This course gives a systematic overview of the theories, frameworks and tools for leading innovation and change in organisations.

P: MGMT206 and MGMT207

R: MGMT315

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

MGMT301-22S1 (C) Semester 1**MGMT303 Leading and Managing People: Essential Employment Frameworks**

15 Points 0.1250 EFTS

This course addresses the essential frameworks needed for managing people. It examines the psychological and legal influences that shape employing and leading staff. It covers the specific obligations and responsibilities affecting processes such as recruiting, performance management, dispute resolution, termination and organisational change - as well as exploring the dynamics for managing relationships between managers and employees.

P: 30 points of MGMT 200-level (or above) courses; or 30 points of LAWS 200-level (or above)

R: MGMT306

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

MGMT303-22S2 (C) Semester 2**MGMT304 Management Skills for a Diverse Workforce**

15 Points 0.1250 EFTS

This course is designed to provide students with an understanding of the increasing importance of diversity in organisations. We study a range of theories and focus on how to apply those theories to real-world situations.

P: MGMT206 and MGMT207

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

MGMT304-22S1 (C) Semester 1**MGMT306 Team Leadership**

15 Points 0.1250 EFTS

This course is designed to provide students with knowledge and skills required to be an effective team member and leader in both face-to-face and virtual settings.

P: MGMT 206 and MGMT 207

R: MGMT305

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

MGMT306-22S1 (C) Semester 1*Limited entry. See limitation of entry regulations.***MGMT308 Advanced Human Resource Management**

15 Points 0.1250 EFTS

This course focuses on the application of human resource management strategies and practices in organisational settings. Attention is also given to the role of human resource planning and strategic approaches to human resource management

P: MGMT206 and MGMT207

R: MGMT307

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

MGMT308-22S2 (C) Semester 2**MGMT324 International Entrepreneurship**

15 Points 0.1250 EFTS

International Entrepreneurship is a course designed for those interested in the practices of 'the entrepreneur', and who wish to build on their existing understanding of international business. The main focus of this course is the entrepreneur as an international business operative. The course discusses issues such as: the nature of entrepreneurship, the changing global environment, expansion through franchising, culture and the international environment, and the dark side of entrepreneurship. International case studies, local case studies and recent research findings are used extensively, and students will be encouraged to analyse these through the application of the theoretical material presented during lectures.

P: 45 points at 200-level or above in MGMT or MKTG

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

MGMT324-22S2 (C) Semester 2**MGMT330 Communication Management**

15 Points 0.1250 EFTS

This course examines how we think and talk about workplace communication and how this shapes how communication is managed.

P: MGMT 206 or COMS 201 or SOCI 219 or MKTG 201

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

MGMT330-22S2 (C) Semester 2**MGMT331 Learning and Development in Organisations**

15 Points 0.1250 EFTS

This course is intended to provide students with an understanding of Human Resource Development (HRD) as a field of practice, its history, and the major theories and paradigms that underpin the field.

P: MGMT 206 and MGMT 207

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

MGMT331-22S1 (C) Semester 1**MGMT332 International Management**

15 Points 0.1250 EFTS

This course deals with management of businesses operating internationally. It will mainly cover issues relating to culture, communication, and human resources management in a global context, along with strategy and execution.

P: MGMT 221

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

MGMT332-22S2 (C) Semester 2**MGMT333 Managing Corporate Responsibility**

15 Points 0.1250 EFTS

In pursuing the ethical basis for business policy and practice, we will look at changing notions of corporate performance. Participants will address such issues as: What is success in business? What good does business do and how does it do it? What are major causes of the breakdown of business ethics? We will also study the practice of business ethics, with the aim to expand capacity for moral inquiry, dialogue, and decision making in ways that will be useful in your professional and civic lives.

P: (1) MGMT 230; and (2) Any 30 points at 200-level or above

RP: Other essay-based courses

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

MGMT333-22S2 (C) Semester 2**MGMT334 Negotiation for Business**

15 Points 0.1250 EFTS

Not offered in 2022

This course provides advanced knowledge of the area of business negotiation and bargaining. It trains students in the use of analytical thinking and creative problem-solving skills to address specific problems, including resolution of disagreements

P: Any 45 points from LAWS101, LAWS110 or MGMT 200-level courses or above.

MGMT335 Business and Sustainability

15 Points 0.1250 EFTS

This course strives to deliver an overview of sustainability theory and practice in respect to conducting business effectively. It aims to enable students to make sound decisions in their future careers when leading organisations toward sustainable practices. In the context of business and sustainability, the course will provide an introduction to the science and management issues companies face, including measurement, reporting, feasibility and viability of new technologies, and others. The course will consist of combinations of lectures, interactive classes, and case discussions. Based on the above, successful students will have an increased understanding of approaches businesses can take to respond effectively to environmental sustainability issues.

P: MGMT230 or MKTG230

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

MGMT335-22S1 (C) Semester 1

Management

MGMT342 Entrepreneurship and New Ventures

15 Points 0.1250 EFTS

The main focus of this course is the independent entrepreneur as business founder. The course covers the nature of new business ventures, why many fail, family firms, and how new small businesses are financed. Case studies are used extensively and students must also produce their own business proposal and business plan. This course is highly recommended for those students interested in competing in the Entre \$85K Challenge.

P: (1) ACCT 102; and (2) A further 45 points at 200-level or above

R: MGMT 321

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

MGMT342-22S2 (C) Semester 2

MGMT343 Social Entrepreneurship

15 Points 0.1250 EFTS

This course is an introduction to Social Entrepreneurship and how it can help communities. It will explore both the theory and practical applications of social entrepreneurship.

P: Any 90 points at 200-level or above

R: MGMT 321

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

MGMT343-22S1 (C) Semester 1

MGMT344 Strategic Management

15 Points 0.1250 EFTS

The course introduces theory and techniques firms use to sustain long-term performance by aligning their activities with the strategic environment. It encourages integration of business disciplines to develop coherent solutions to firms' strategic challenges.

P: (1) ACCT 102; and (2) A further 45 points at 200-level or above

R: MGMT320

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

MGMT344-22S1 (C) Semester 1

MGMT345 Strategy Processes and Practices

15 Points 0.1250 EFTS

The course aims to enhance strategy knowledge and skills by encouraging the critical appreciation and application of contemporary strategy theory and techniques based around strategy processes and practices.

P: (1) ACCT 102; and (2) A further 45 points at 200-level or above

R: MGMT 320

RP: MGMT 344

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

MGMT345-22S1 (C) Semester 1

MGMT370 Strategic Operations and Supply Chain Management

15 Points 0.1250 EFTS

Practical approaches to managing operations: strategy, capacity, IT, networks and supply chains, operations improvement. A mainstream course for Operations Management majors.

P: (1) MGMT270 or MSCI270; and (2) A further 45 points at 200-level or above

R: MSCI320, MSCI370

EQ: MSCI370

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

MGMT370-22S1 (C) Semester 1

MGMT371 Purchasing and Supply Chain Management

15 Points 0.1250 EFTS

The course introduces the concept and practices of supply chain management. In particular the course covers in-depth the topics of procurement, supply chain collaboration, information exchange and the use of information technology in supply chain, sustainability and risk issues, and outsourcing. The course then discusses logistics management and its implications in business.

P: (1) MGMT270 or MSCI270; and (2) A further 45 points at 200-level or above

R: MSCI321, MSCI371

EQ: MSCI371

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

MGMT371-22S2 (C) Semester 2

MGMT372 Project Management

15 Points 0.1250 EFTS

This course is an interdisciplinary course that gives a comprehensive overview of project management concepts, models and techniques. It also provides hands on tutorials on the project management software, MS Project.

P: Any 45 points at 200-level or above

R: MSCI322, MSCI324, MSCI372, INFO313, ACIS313

EQ: MSCI372

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

MGMT372-22S2 (C) Semester 2

MGMT373 Quality Management

15 Points 0.1250 EFTS

Not offered in 2022

This course is about how to manage quality with an emphasis on statistical quality control. It will cover a number of topics such as: an overview of quality management, problem solving tools, statistical process control, design of experiments and six sigma quality. Many of the topics covered in this course are part of standard certified Six Sigma Black Belt course curriculum.

P: (1) MGMT270 or MSCI270; and (2) MGMT271 or MSCI271

R: MSCI323, MSCI373

EQ: MSCI373

MGMT390 Management Intern Consulting Project

15 Points 0.1250 EFTS

An Intern Consulting Project involves a student working in a professional capacity to address specific business issue for a host-organisation. The project applies the technical content of a management-related discipline to a real-world business question. The student manages the project, and experiences working in a business environment. As these are management placements, priority is given to students taking a major in either Human Resource Management, International Business, Management, Operations and Supply Chain Management, or Strategy and Entrepreneurship.

P: (1) 60 points at 200-level or above in MGMT; and (2) Subject to Head of Department Approval

R: ARTS 395, ECON 390, FINC 390, MKTG 390, ACCT 364, INFO 390, PACE 395

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

MGMT390-22A (C) Starts Anytime

Postgraduate

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

MGMT611 Contemporary Issues in Human Resource Management (HRM)

15 Points 0.1250 EFTS

This course examines contemporary issues in human resource management (HRM). We look at applying HRM-related theory, processes, and interventions, as ways in which HRM can exert a positive influence on how organisations function. We use readings, case studies, and engagement with practitioners to provide a highly interactive learning experience.

P: Subject to approval of the Head of Department

EQ: MGMT411

Domestic Fee: \$1,009 (2021)

International Fee: \$3,975 (2021)

MGMT611-22S2 (C) Semester 2

MGMT612 Conflict and Collaboration in Work Teams

15 Points 0.1250 EFTS

Not offered in 2022

This course explores contemporary issues in the area of People, Performance and Wellbeing, traditionally known as "human resource management" (HRM). In a business environment of disruption and rapid change, it becomes increasingly important for an organisation to develop adaptive capacities. This involves engaging its members and enabling them to function in ways that contribute with their full potential, improving the performance of the organisation. The course includes developing skills for identifying organisational opportunities and challenges, and initiatives to enable building adaptive capacity in people and organisations.

P: Subject to approval of the Head of Department.

RP: 300-level courses in HRM and MGMT

EQ: MGMT412

MGMT616 Leadership

15 Points 0.1250 EFTS

The course addresses the topic of leadership in relation to the responsibility of the leader towards various stakeholders (e.g. employees, shareholders, community, suppliers, and environment) in both national and international context. In the course we evaluate advanced leadership theory and build practical leadership capabilities.

P: Subject to approval by the Head of Department

R: MGMT416

EQ: MGMT416

Domestic Fee: \$1,009 (2021)

International Fee: \$3,975 (2021)

MGMT616-22S1 (C) Semester 1

MGMT617 Advanced Communication Management

15 Points 0.1250 EFTS

Not offered in 2022

The effective management of communication is central to the success of all enterprises regardless of whether they are commercial enterprises or not-for-profit. This course examines

what is known about communication management using examples from marketing, public relations, politics, journalism, mass, organisational and interpersonal communication.

P: Subject to approval of the Head of Department

EQ: MGMT475

MGMT619 Topics in Supply Chain Management

15 Points 0.1250 EFTS

This course covers advanced topics in operations management such as logistics management, supply chain management, lean management and quality management. It will cover theory, tools and techniques and applied case studies.

P: Subject to approval of the Head of Department.

RP: 300-level course in operations management.

EQ: MSC1619

Domestic Fee: \$1,009 (2021)

International Fee: \$3,975 (2021)

MGMT619-22S2 (C) Semester 2

MGMT620 Research Methods

30 Points 0.2500 EFTS

This course focuses on the conceptualisation of research issues in the field of management, the various management research paradigms in use, and the methodological approaches employed in management research. It discusses the nature and use of quantitative and qualitative methods in academic management research. This includes the development of research questions within a theoretical system informed by management and organization theories, and with a view to the appropriate methods of data collection and analysis, as well as the reporting and communication of research results.

P: Subject to approval of the Head of Department

R: MKTG620

Domestic Fee: \$2,018 (2021)

International Fee: \$7,950 (2021)

MGMT620-22S1 (C) Semester 1

MGMT641 Entrepreneurship

15 Points 0.1250 EFTS

The course introduces students to the content and methods of current research in the Entrepreneurship field.

P: Subject to approval of the Head of Department

EQ: MGMT441

Domestic Fee: \$1,009 (2021)

International Fee: \$3,975 (2021)

MGMT641-22S2 (C) Semester 2

MGMT643 Advanced Strategic Management

15 Points 0.1250 EFTS

The course prepares students to undertake strategy activity as reflective practitioners and provides the conceptual background needed for research in the strategy field.

P: Subject to approval of the Head of Department

EQ: MGMT443

Domestic Fee: \$1,009 (2021)

International Fee: \$3,975 (2021)

MGMT643-22S1 (C) Semester 1

MGMT644 International Business and Entrepreneurship

15 Points 0.1250 EFTS

Not offered in 2022

This course has the dual objectives of preparing students to undertake internationalisation activity as reflective practitioners and providing the conceptual background needed for research in the field of international business/entrepreneurship.

RP: International Business courses

MGMT680 Management Dissertation

30 Points 0.2500 EFTS

A course where students complete a written dissertation based upon their research proposal developed in MGMT 620.

P: MGMT620

EQ: MGMT480

Domestic Fee: \$2,018 (2021)

International Fee: \$7,950 (2021)

MGMT680-22S2 (C) Semester 2

MGMT694 MCom Thesis

90 Points 0.7500 EFTS

P: Subject to approval of the Head of Department

Domestic Fee: \$5,669 (2021)

International Fee: \$23,850 (2021)

MGMT694-22A (C) Starts Anytime

MGMT695 MCom Thesis

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department

Domestic Fee: \$7,558 (2021)

International Fee: \$31,800 (2021)

MGMT695-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval.

MGMT790 Management PhD

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department

Domestic Fee: \$7,558 (2021)

International Fee: \$31,800 (2021)

MGMT790-22A (C) Starts Anytime

*Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Māori and Indigenous Studies

Aotahi: School of Māori and Indigenous Studies

MAOR107 Te Ara o Tawhaki: Māori Thought, Beliefs and Practices

15 Points 0.1250 EFTS

This course provides an introduction to Māori knowledges and metaphysics through a study of topics such as voyaging, art and aesthetics, warfare, conflict and peace. We also look at how approaches to Māori knowledges and their impacts are critiqued.

R: PACS102

EQ: PACS102

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

MAOR107-22S1 (D) Semester 1

MAOR107-22S1 (C) Semester 1

MAOR108 Aotearoa: Introduction to New Zealand Treaty Society

15 Points 0.1250 EFTS

Beginning with the Treaty of Waitangi, this course looks at significant events and issues in the shaping of contemporary New Zealand society. The course will explore issues ranging from early Pakeha settlement, the Treaty of Waitangi, colonisation, the NZ wars through to Māori activism, Treaty settlements and claims to self-determination.

R: CULT114, MAOR113 (prior to 2006)

EQ: CULT114

Domestic Fee: \$785 (2021)

International Fee: \$3,500 (2021)

MAOR108-21SU2 (D) Summer (Nov 21)

MAOR120 He takere waka nui

15 Points 0.1250 EFTS

Not offered in 2022

This course will be delivered as part of the UC Takere programme through a series of workshops, tutorials, PALS (Peer Assisted Learning Sessions) and haerenga (field trips). There will be one 5-day noho marae in week 1 of the programme followed by 5 weeks of learning on-campus. The course introduces students to a pre and post-colonial history of Māori and Pacific society and innovation and provides a basic understanding of concepts that comprise a Māori and Pacific worldview of cultural similarities and differences shared across the Pacific. This course will cover: - Cultural narratives and navigation - European settlement and colonisation of the Pacific - Biculturalism in Aotearoa - Understanding identity as a lived experience - Influences of Māori and Pacific identities in historical and contemporary contexts

MAOR165 Tuakiri : Culture and Identity

15 Points 0.1250 EFTS

What does it mean to live in Aotearoa/New Zealand in the 21st century? This course examines identity as a lived experience for Māori and non-Māori and how it shapes our thinking at individual, organisation and systemic levels in this country. The course also focusses on contemporary issues arising from identity tensions, enabling students to apply insights to effect positive social change in order to work effectively in a bicultural manner.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

MAOR165-22S1 (C) Semester 1

MAOR165-22S1 (D) Semester 1

MAOR165-22S2 (C) Semester 2

MAOR165-22S2 (D) Semester 2

MAOR170 Indigenous Peoples, Development and Anthropology

15 Points 0.1250 EFTS

Not offered in 2022

An introduction to a broad range of issues related to the social circumstances and survival of the world's indigenous peoples

R: ANTH104

EQ: ANTH104

MAOR172 Science, Māori and Indigenous Knowledge

15 Points 0.1250 EFTS

This is an integrated multi-disciplinary course between Aotahi: School of Māori and Indigenous Studies and the College of Science. This course provides a basic understanding of Māori and indigenous peoples' knowledge in such fields as astronomy, physics, conservation biology, aquaculture, resource management and health sciences. The course provides unique perspectives in indigenous knowledge, western science and their overlap. The course will provide an essential background in cultural awareness and its relationship with today's New Zealand scientific community.

R: SCIM101

EQ: SCIM101

Domestic Fee: \$892 (2021)

International Fee: \$4,563 (2021)

MAOR172-22S2 (C) Semester 2**MAOR212 Māori and Indigenous Development**

15 Points 0.1250 EFTS

This course will examine Māori and Indigenous development. Students will explore both historical and contemporary developments and the factors which have affected Māori and Indigenous engagement with globalisation. For example the course will look at areas such as economic development, education and health, amongst others.

P: Any 15 points at 100 level from HIST, MAOR, SOWK, or TREG, or any 60 points at 100 level from the Schedule V of the BA.

R: HIST262, HIST379

EQ: HIST262

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

MAOR212-22S1 (C) Semester 1**MAOR214 Te Ao Mārama: Māori Thought**

15 Points 0.1250 EFTS

The paper explores key aspects of Māori thought, philosophies and ideas through Māori history and culture. Topics include: oral traditions and iwi traditions, tikanga, customs and social life, whakaaro rapunga, philosophies and Māori thought leaders, gender and sexuality, identity and Māori art and writing, conservation, natural lore of land, ocean, taniwha, kaitiakitanga and resource management.

P: Any 15 points at 100 level from HIST, MAOR, or TREG, or any 60 points at 100 level from the Schedule V of the BA.

R: HIST259

EQ: HIST259

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

MAOR214-22SU1 (C) Summer (Jan 22)**MAOR214-22SU1 (D) Summer (Jan 22)****MAOR219 Te Tiriti: The Treaty of Waitangi**

15 Points 0.1250 EFTS

This course uses the Treaty of Waitangi to frame examinations of contemporary New Zealand society. We ask questions designed to highlight and emphasise the relevance of the Treaty of Waitangi to everyday New Zealanders. In addition, the course looks at the importance of this document in the maintenance of Crown and Māori relations. Topics covered range from the signing of the Treaty, and historical developments, to the protest movements and activism of the continuing Māori renaissance period, race relations and one law-for-all.

P: Any 15 points at 100 level from CULT, HIST, HSRV, MAOR, POLS, SOCI, SOWK, or TREG, or any 60 points at 100 level from the Schedule V of the BA.

R: POLS218, POLS258, HIST268, SOCI209, HSRV207, CULT219

EQ: POLS218, POLS258, HIST268, SOCI209, HSRV207, CULT219

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

MAOR219-22S2 (C) Semester 2**MAOR230 Ethnicity, Racism and History**

15 Points 0.1250 EFTS

This course provides a critical introduction to the historical and anthropological study of ethnicity, racism, genocide and migration.

P: Any 15 points at 100 level from ANTH, HIST, MAOR, SOCI, or TREG, or any 60 points at 100 level from the Schedule V of the BA.

R: ANTH223, HIST283, PACS204, SOCI223, SOCI323

EQ: ANTH223, HIST283, PACS204, SOCI223

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

MAOR230-22S2 (C) Semester 2**MAOR268 Kiriata: Māori film and Media**

15 Points 0.1250 EFTS

Not offered in 2022

This course examines the intersection of Māori identity in film, media and other creative works. It considers the political, historical, social, cultural and ideological influences that have shaped dominant mainstream constructions and counter-hegemonic representations of Māori and indigenous peoples in film, media and creative works. It also highlights the roles of artist, director and industry to produce Māori stories and aesthetics. A number of films will be screened throughout the course.

P: Any 15 points at 100 level from CINE, MAOR, or TREG, or any 60 points at 100 level from the Schedule V of the BA.

R: CINE213

EQ: CINE213

MAOR270 Te Ao Hauora Tangata: Māori Health Perspectives

15 Points 0.1250 EFTS

A study of Māori health perspectives examining the current trends, issues and challenges underpinning contemporary Māori health. The course draws from the experiences of Māori health practitioners, including those from Ngāi Tahu and Mata Waka.

P: Any 15 points at 100 level from HLTH, MAOR, or TREG, or any 60 points at 100 level from the Schedule V of the BA.

RP: MAOR 108 and/or HLTH 106

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

MAOR270-22S2 (C) Semester 2**MAOR282 Kapa Haka - Introducing Māori Performing Arts**

15 Points 0.1250 EFTS

Designed for Māori and non-Māori, performance competent and new learners, language and non-language students this course takes the class on a journey of exploration to a high level of performance. Course content includes study of the mythological and traditional origins and customs of performing arts from moteatea (traditional song), poi (ball dance), waiata ā-ringā (action song), haka and the art of warfare and mau rakau (weaponry - tī rakau, tītī tōrea, hāpai rākau, taiaha, patu). The course also covers the role of male and female leaders, biographies of important composers and the renaissance of kapa haka and its place in Māori culture and society. Students learn a full performance bracket which includes a distinctive Ngāi Tahu component as well as a selection of historical and sacred classic tribal anthems.

P: Any 15 points at 100 level from MAOR or TREG, or any 60 points at 100 level from the Schedule V of the BA.

R: TREG282, MAOR265, MAOR382, TREG382, MUSA252

EQ: TREG282, MUSA252

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

MAOR282-22S2 (C) Semester 2**MAOR285 Oral Traditions and Modern Histories of Ngāi Tahu**

15 Points 0.1250 EFTS

The story of Ngāi Tahu is a fascinating example of a small impoverished community of tribal members who by the 1970s had been reduced to a membership of less than 400. Within two decades this tribe had emerged as one of the largest corporations in the South Island with a tribal membership of over 40,000. It is the largest land-owner in the South Island with significant interests in fisheries and tourism. Explaining how and why this happened will be one of the core themes of this course. The first part of this course will look at the oral traditions and myths of Ngāi Tahu with a particular emphasis on narrative templates and how these templates are reproduced in the oral traditions that outline the tribe's migration from Wellington to the South Island. The second part of the course will look at Ngāi Tahu's movement from its pre-contact era to initial contact with early explorers, the settler government and the subsequent land transactions that ran from 1844 to 1864. The course will then finish with an overview of how Ngāi Tahu and the Crown negotiated on the largest Treaty settlement packages in the nation's history.

P: Any 15 points at 100 level from HIST, MAOR, or TREG, or any 60 points at 100 level from the Schedule V of the BA.

R: HIST292

EQ: HIST292

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

MAOR285-22S1 (C) Semester 1**MAOR301 Ngāti Āpōpō: Māori Futures**

30 Points 0.2500 EFTS

This course explores the local, national and global trends that will materially impact on the future trajectory of Māori self determination and futures making. Students will investigate how Māori navigate such shifts and trends to advance self-determination as change agents.

P: Any 30 points at 200 level from CULT, MAOR, POLS, or TREG, or any 60 points at 200 level from the Schedule V of the BA.

R: POLS331, POLS358, CULT319

EQ: CULT319

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

MAOR301-22S2 (C) Semester 2

MAOR317 Takahi: Colonisation

30 Points 0.2500 EFTS

Colonisation has had a significant effect on the shaping of contemporary New Zealand society. This course will cover key events in the colonisation throughout New Zealand's brief colonial history. This course utilises different theories of colonisation to critically examine the continued subjugation of Indigenous Peoples in Aotearoa and around the world. Special attention will also be paid to breaking down the power relationships that have emerged between coloniser and colonised.

P: Any 30 points at 200 level from CULT, HIST, MAOR, or TREO, or any 60 points at 200 level from the Schedule V of the BA.

R: RELS322, HIST366, CULT302

EQ: CULT302, HIST366, RELS322

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

MAOR317-22S2 (C) Semester 2**MAOR323 Research Essay**

30 Points 0.2500 EFTS

Independent research essay for students with a demonstrated ability to progress to postgraduate research study and thesis writing. Enrolling students must have a B+ grade average. They are expected to see a lecturer in the School to develop a project with a supervisor and proposal.

P: Any 30 points at 200 level from MAOR or TREO, or any 60 points at 200 level from the Schedule V of the BA, and permission of the Head of School.

R: MAOR321

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

MAOR323-22S1 (C) Semester 1**MAOR323-22S2 (C) Semester 2****MAOR329 Myth and History**

30 Points 0.2500 EFTS

Not offered in 2022

The myths we create are part of the fabric that make up our past and how we understand it. When we look into the past to find out what really happened, we not only face the problem of sifting myth from fact but we also face the danger of inventing new myths and traditions to go with it. This course will look at how history and myth interact and the problems that this interaction presents to the historian. Students will be introduced to tribal myths and how these stories assimilate 'historical events'. Students will then be introduced to a range of theories and methods historians and indigenous scholars use to manage the obvious tensions within.

P: Any 30 points at 200 level from HIST, MAOR, or TREO, or any 60 points at 200 level from the Schedule V of the BA.

R: HIST276, HIST353

EQ: HIST353

MAOR365 Mana Wahine: Māori and Indigenous Women

30 Points 0.2500 EFTS

Not offered in 2022

This course aims to provide an analysis of Māori and indigenous women in historical, political, cultural and social contexts. Topics include: Māori women, dominant interpretations in theorizing Māori women, mythology, historical accounts, social organization, leadership, Māori women in contemporary society. Both historical and contemporary influences on how Māori women are represented will be a feature of this course.

P: Any 30 points at 200 level from HLTH, MAOR, or TREO, or any 60 points at 200 level from the Schedule V of the BA.

MAOR373 Whakaaro Wairua: Māori Spiritual Beliefs and Philosophies

30 Points 0.2500 EFTS

This course explores Māori philosophies, thought and, what has been described in the literature as, "spiritual beliefs" across time. The course will look at Māori concepts such as tapu, mana, mauri, ihi, wehi, wana and others, how these concepts have changed and the factors that have given rise to new understandings of these. We will also explore the ongoing maintenance of these concepts in the face of Christianity and modernity.

P: Any 30 points at 200 level from MAOR or TREO, or any 60 points at 200 level from the Schedule V of the BA.

R: MAOR417

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

MAOR373-22S1 (C) Semester 1**MAOR377 Special Topic**

30 Points 0.2500 EFTS

Not offered in 2022

P: Any 30 points at 200 level from MAOR or TREO, or any 60 points at 200 level from the Schedule V of the BA.

PACE395 Internship

30 Points 0.2500 EFTS

What can you do with your major? With your degree? The purpose of the internship course is to explore both the ideological and practical assumptions guiding this question. The course is designed to be a critical, theoretical and "real-world" examination of the practices and ideologies inherent in both community and business organisations. You will apply the analytical skills acquired through your major, and through class seminars and readings, to a project designed by a local company or community group. Please check out the website for further information and specific project descriptions: www.arts.canterbury.ac.nz/internships

P: 150 points, special application and interview, and permission of the Internship Director.

R: ARTS395

EQ: ARTS395

Domestic Fee: \$1,570 (2021)

International Fee: \$7,000 (2021)

PACE395-21SU2 (C) Summer (Nov 21)**PACE395-22A (C) Starts Anytime****PACE395-22S1 (C) Semester 1****PACE395-22S2 (C) Semester 2**

Limited entry. See limitation of entry regulations. A student will be selected for a specific project.

Only students accepted for projects will be allowed into the course. Please go to <http://www.arts.canterbury.ac.nz/internships> for more information.

Postgraduate

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

MAOR401 Te Matakahi: Indigenous Critical Theory

30 Points 0.2500 EFTS

Theory for Māori and indigenous scholars. The study of counter-hegemonic theory in so-called post-colonial states. In this course drawing from a range of theorists, from Frantz Fanon, Edward Said, Lewis Gordon, Homi Bhabha to Gayatri Spivak and others, we explore the coloniser-colonised binary. Can we maintain resistance and create new spaces and practices 'outside' of this relationship?

P: Subject to approval of the Head of School.

R: CULT420

EQ: CULT420

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

MAOR401-22S1 (C) Semester 1**MAOR404 Kaupapa Māori Research**

30 Points 0.2500 EFTS

This is an optional course in the Master of Māori and Indigenous Leadership degree. The course introduces students to the basics of research - you learn how to design a research project and undertake a literature review. You also learn about research methods, research methodologies and how to conduct research within an ethical framework. The aim of the course is to equip students with the skills and knowledge to succeed in the compulsory MMIL course MAOR680 Research Essay.

P: Subject to approval of the Head of School.

R: PACS419

EQ: PACS419

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

MAOR404-22X2 (D)**MAOR404-22X1 (D)****MAOR404-22X (D) 31 Oct 2022 - 29 Jan 2023****MAOR422 Topics in Ethnicity, Migration and Nationalism**

30 Points 0.2500 EFTS

Not offered in 2022

This course explores ethnicity, race, racism, indigeneity, migration, nationalism and related phenomena in a range of different times and places.

P: Subject to approval of the Head of School.

R: SOCI413, HSRV413

EQ: SOCI413

MAOR430 Māori Leadership

30 Points 0.2500 EFTS

This course is part of the Master of Māori and Indigenous Leadership degree. It will enable students to gain practical leadership skills suited to management and governance roles within the Māori sector, as well as developing leadership attributes to effectively lead transformation initiatives that advance Māori aspirations. Students will explore Indigenous leadership models and philosophies, as well as critically engage with the organisational needs, structure and context of iwi and Māori organisations.

P: Subject to approval of the Head of School.

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

MAOR430-22X (Y) 07 Feb 2022 - 16 Oct 2022**MAOR430-22X1 (D)****MAOR430-22X2 (D)****MAOR430-22X (D) 21 Feb 2022 - 11 Sep 2022****MAOR430-22X1 (R)**

MAOR431 Comparative Indigenous Models and Theories of Development

30 Points 0.2500 EFTS

This course is part of the Master of Māori and Indigenous Leadership degree. It will expose students to Indigenous approaches to development, innovation and self determination across New Zealand, Australia and the Americas to enable students to gain a deep and broad suite of precedents that can be drawn upon for designing creative and principled solutions within their communities and/or organisations. The course will also explore contrasting theoretical and philosophical approaches to Indigenous development to provide students with a robust framework for critically engaging with and evaluating the comparative value, impact and efficacy of different approaches to solution building within the Māori sector.

P: Subject to approval of the Head of School.

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

MAOR431-22X (Y) 07 Feb 2022 - 16 Oct 2022**MAOR431-22X1 (D)****MAOR431-22X2 (D)****MAOR431-22X (D)** 21 Feb 2022 - 11 Sep 2022**MAOR431-22X1 (R)****MAOR431-22S2 (C)** Semester 2**MAOR480 Research Essay**

30 Points 0.2500 EFTS

This course is specifically designed for students with a demonstrated ability to conduct advanced research and/or progress to thesis writing. Students are expected to make a short presentation at the School's Annual Matariki Research Seminar Series.

P: Subject to approval of the Head of School.

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

MAOR480-22S1 (C) Semester 1**MAOR480-22S2 (C)** Semester 2**MAOR590 Rangahau - Major Research Dissertation**

90 Points 0.7500 EFTS

This course is designed for students with a demonstrated ability to conduct postgraduate research and/or progress to thesis writing in Māori and Indigenous Studies. Students are invited to discuss a topic of their choice with staff. Students are expected to make a short presentation at the School's Annual Matariki Research Seminar Series.

P: Subject to approval of the Head of School.

RP: Dialog with an appropriate staff member in Aotahi. 2-3 page proposal.

Domestic Fee: \$5,415 (2021)

International Fee: \$24,750 (2021)

MAOR590-22W (C) Whole Year (S1 and S2)**MAOR591 Rangahau - Minor Research Dissertation**

60 Points 0.5000 EFTS

This course is designed for students with a demonstrated ability to conduct postgraduate research and/or progress to thesis writing in Māori and Indigenous Studies. Students are invited to discuss a topic of their choice with staff. Students are expected to make a short presentation at the School's Annual Matariki Research Seminar Series.

P: Subject to approval of the Head of School.

RP: Dialog with an appropriate staff member in Aotahi. 2-3 page proposal.

Domestic Fee: \$3,610 (2021)

International Fee: \$16,500 (2021)

MAOR591-22W (C) Whole Year (S1 and S2)**MAOR592 Rangahau - Research Paper**

30 Points 0.2500 EFTS

This course is designed for students with a demonstrated ability to conduct postgraduate research and/or progress to thesis writing in Māori and Indigenous Studies. Students are invited to discuss a topic of their choice with staff. Students are expected to make a short presentation at the School's Annual Matariki Research Seminar Series.

P: Subject to approval of the Head of School.

RP: Dialog with an appropriate staff member in Aotahi. 2-3 page proposal.

Domestic Fee: \$1,805 (2021)

International Fee: \$8,250 (2021)

MAOR592-22S1 (C) Semester 1**MAOR593 Rangahau - Research Paper**

30 Points 0.2500 EFTS

A piece of original research on an agreed topic. Students must obtain a supervisor from the School and submit a proposal for approval by the Head of School by the beginning of the second semester. This Project should be submitted by the end of semester two (7,500 to 10,000 words).

P: Subject to approval of the Head of School.

RP: Dialog with an appropriate staff member in Aotahi. 2-3 page proposal.

Domestic Fee: \$1,805 (2021)

International Fee: \$8,250 (2021)

MAOR593-22S2 (C) Semester 2**MAOR594 Rangahau - Minor Research Dissertation Part 1**

30 Points 0.2500 EFTS

Not offered in 2022

This course is designed for students with a demonstrated ability to conduct postgraduate research and/or progress to thesis writing in Māori and Indigenous Studies. Students are invited to discuss a topic of their choice with staff. Students are expected to make a short presentation at the School's Annual Matariki Research Seminar Series.

P: Subject to approval of the Head of School.

MAOR595 Rangahau - Minor Research Dissertation Part 2

30 Points 0.2500 EFTS

This course is designed for students with a demonstrated ability to conduct postgraduate research and/or progress to thesis writing in Māori and Indigenous Studies. Students are invited to discuss a topic of their choice with staff. Students are expected to make a short presentation at the School's Annual Matariki Research Seminar Series.

P: Subject to approval of the Head of School.

Domestic Fee: \$1,805 (2021)

International Fee: \$8,250 (2021)

MAOR595-22A (C) Starts Anytime**MAOR650 MA Dissertation**

60 Points 0.5000 EFTS

MA Dissertation

P: Subject to approval of the Head of Department.

Domestic Fee: \$3,610 (2021)

International Fee: \$16,500 (2021)

MAOR650-22A (C) Starts Anytime**MAOR650-22S1 (C)** Semester 1**MAOR650-22S2 (C)** Semester 2**MAOR679 Cross-Cultural Research**

30 Points 0.2500 EFTS

This course involves a three-week tour to Indigenous communities and organisations across Australia and North America to research comparative approaches to Indigenous development and engage directly with an international network of Indigenous peoples. Student will be required to write a briefing paper, keep a reflective journal during the tour and, at the end of the course, report on the tools and approaches identified through the international tour that may have application in a New Zealand context and the adaptation that would be required for cultural and contextual fit. This course is part of the Master of Māori and Indigenous Leadership degree.

P: Subject to approval of the Head of School.

Domestic Fee: \$1,805 (2021)

International Fee: \$8,250 (2021)

MAOR679-22X (C) 21 Feb 2022 - 12 June 2022**MAOR679-22X (D)** 21 Feb 2022 - 12 June 2022**MAOR680 Research Essay**

30 Points 0.2500 EFTS

A research essay on an agreed topic.

P: Subject to approval of the Head of School.

Domestic Fee: \$1,805 (2021)

International Fee: \$8,250 (2021)

MAOR680-22A (C) Starts Anytime**MAOR680-22A (D)** Starts Anytime**MAOR680-22X (C)** 03 Jan 2022 - 01 Jan 2023**MAOR681 Research Project**

30 Points 0.2500 EFTS

A research project with a focus on the global context of indigenous issues.

P: Subject to approval of the Head of School.

Domestic Fee: \$1,805 (2021)

International Fee: \$8,250 (2021)

MAOR681-22A (C) Starts Anytime**MAOR681-22A (D)** Starts Anytime**MAOR681-22X (C)** 21 Feb 2022 - 12 June 2022**MAOR690 MA Thesis**

120 Points 1.0000 EFTS

P: Subject to approval of the Head of School.

Domestic Fee: \$7,220 (2021)

International Fee: \$33,000 (2021)

MAOR690-22A (C) Starts Anytime*Part-time enrolment (0.65 EFTS) is available on approval.*

MAOR790 Māori and Indigenous Studies PhD

120 Points 1.0000 EFTS

P: Subject to approval of the Head of School

Domestic Fee: \$7,220 (2021)

International Fee: \$33,000 (2021)

MAOR790-22A (C) Starts Anytime

*Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Marketing

Department of Management, Marketing and Entrepreneurship

MKTG100 Principles of Marketing

15 Points 0.1250 EFTS

This course aims to enable students to understand the fundamental concepts and theories of marketing and how they may be applied to the marketplace in a modern and dynamic environment. By the end of the course, students should appreciate the various concepts and theories of marketing and understand how these may be appropriately applied in achieving marketing objectives in a variety of contexts and environments.

R: MGMT102

EQ: MGMT102

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

MKTG100-22S1 (C) Semester 1**MKTG100-22S2 (C) Semester 2****MKTG100-22S2 (D) Semester 2****MKTG201 Marketing Management**

15 Points 0.1250 EFTS

Marketing presented as an organisational process of adapting to a changing environment, including aspects of product development, promotion, distribution and pricing.

P: (1) MKTG 100; and (2) A further 45 points

R: MGMT210

RP: MKTG202

EQ: MGMT210

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

MKTG201-22S2 (C) Semester 2**MKTG202 Marketing Research**

15 Points 0.1250 EFTS

An introduction to marketing research and its applications, with an emphasis on research as an aid to management decision-making. Students in this course will be provided with a background in research methods, issues related to conducting marketing research, data analysis, and methods of evaluation related to marketing.

P: (1) MKTG100; and (2) STAT101; and (3) A further 30 points

R: MGMT212

EQ: MGMT212

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

MKTG202-22S1 (C) Semester 1**MKTG204 Consumer Behaviour**

15 Points 0.1250 EFTS

The purpose of this course is to focus on why and how consumers make decisions and behave in certain ways. More specifically, it examines what motivates consumers, what captures their attention, and what retains their loyalty.

P: (1) MKTG100 or COMS104; and (2) A further 45 points.

R: MGMT204

EQ: MGMT204

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

MKTG204-22S2 (C) Semester 2**MKTG205 Services Marketing and Management**

15 Points 0.1250 EFTS

This course aims to develop an understanding of services marketing and management. Students will be introduced to services marketing and management concepts, service quality, service logic; consumer behaviour, expectations and perceptions in relation to services; understanding customer requirements, and service development and design; and the role of employees in service delivery. This will be done in relation to several industries within the service sector.

P: (1) MKTG 100; and (2) A further 45 points

R: MGMT 317; MKTG 313

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

MKTG205-22S2 (C) Semester 2**MKTG230 Business, Society and the Environment**

15 Points 0.1250 EFTS

This course is a general introduction to the changing responsibilities of business to society and the environment. This course is designed to 1) help you to understand current perspectives on the impact of business on climate change globalisation, and consumerism, and, 2) to help you analyse and develop ways in which business organisations respond ethically to the needs of society and the environment. Each of the topics is addressed at a global, national and organisational level.

P: Any 60 points

R: MGMT230

EQ: MGMT230

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

MKTG230-22S1 (C) Semester 1**MKTG230-22S2 (C) Semester 2****MKTG240 Tourism, Hospitality & Events Management**

15 Points 0.1250 EFTS

This course exposes students to the tourism system and critically discusses its components. The course equips students with an understanding of tourism, hospitality and events industry globally and in New Zealand.

P: MKTG100

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

MKTG240-22S1 (C) Semester 1**MKTG241 Hospitality Marketing and Management**

15 Points 0.1250 EFTS

In this course, students will learn about both the strategic and operational side of hospitality businesses, with a focus on marketing aspects. Students will typically learn about food and beverage management and housekeeping management as well as the marketing practices of different sectors in the hospitality industry.

P: MKTG100

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

MKTG241-22S2 (C) Semester 2**MKTG305 Strategic Marketing**

15 Points 0.1250 EFTS

The course takes a managerial perspective and focuses on strategic decisions relating to the analysis, development, implementation and control of marketing strategies needed to gain and sustain an organisation's competitive advantage. Students learn various strategic tools and techniques that assist in evaluating the effectiveness of marketing strategies. New approaches to marketing practice are also covered. Instructional methods include the case studies and a group-based project.

P: (1) MKTG 201; and (2) MKTG 202; and (3) MKTG 204

R: MGMT 316; MKTG 301

EQ: MKTG 301

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

MKTG305-22S2 (C) Semester 2**MKTG307 Advertising and Promotion Management**

15 Points 0.1250 EFTS

This course is an introduction to the fundamentals of advertising and promotion. The course will cover the societal and managerial uses of advertising as a means of symbol formation and communication. Lectures, class exercises, discussions, and videos will be used to explore topics of relevance. Students will be involved in developing and presenting a comprehensive, promotional campaign for a product or service.

P: (1) MKTG201; and (2) MKTG202; and (3) MKTG204

R: MGMT 318; MKTG 303

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

MKTG307-22S1 (C) Semester 1**MKTG309 International Marketing**

15 Points 0.1250 EFTS

This course introduces students to core topics in international marketing. The course is fundamental to almost all career paths for students in the marketing field with firms that have an international dimension to their marketing strategies. The course is also complementary to the other offerings in International Business.

P: At least 30 points of 200-level courses in MKTG

R: MGMT316

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

MKTG309-22S1 (C) Semester 1

Marketing

MKTG310 Customer Experience

15 Points 0.1250 EFTS

Historically, business approaches have been almost exclusively focused on the marketing mix itself, especially for product-related exchanges. As a result, the customer at the centre of the framework became an almost forgotten concern for many marketers. The course "Customer Experience" focuses on the design and marketing of emotionally stimulating, value-creating customer experiences. Students will strategically evaluate and critique current traditional marketing and management strategies in terms of their customer focus. The class format involves a mix of class lectures and in-class workshops, case analyses and presentations, best practice discussions, and individual assignments. Students will enhance their learning through group work and in-class presentations as well as individual research projects. The sessions are interactive, stimulating student thinking and critical review.

P: (1) MKTG201; and (2) MKTG202; and (3) MKTG204

R: MGMT310

EQ: MGMT310

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

MKTG310-22S2 (C) Semester 2

MKTG311 Retail Marketing

15 Points 0.1250 EFTS

This course examines the fundamentals of retail marketing including the characteristics of consumer store choice, the role of retailing in the overall marketing concept, and the practice and future of retailing in New Zealand.

P: (1) MKTG201; and (2) MKTG202; and (3) MKTG204

R: MGMT311

EQ: MGMT311

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

MKTG311-22S1 (C) Semester 1

MKTG314 Tourism Marketing and Management

15 Points 0.1250 EFTS

An integrated course that examines contemporary strategies and issues in tourism marketing and management for destinations, firms, national and regional tourism organisations.

P: Any 60 points at 200-level or above

R: MGMT340

EQ: MGMT340

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

MKTG314-22S1 (C) Semester 1

MKTG315 Marketing for Behavioural Change

15 Points 0.1250 EFTS

Marketing for Behavioural Change focuses on the planning and implementation of programmes designed to bring about social change, using concepts from commercial marketing. It is geared toward furthering a cause, raising money, raising awareness and public education, or bringing about social change. Students will be exposed to a diverse range of not-for-profit and for-profit organisations that embody socially responsible and social-change driven missions.

P: Any 60 points at 200-level or above

R: MGMT341

EQ: MGMT341

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

MKTG315-22S2 (C) Semester 2

MKTG316 Digital Marketing

15 Points 0.1250 EFTS

This course offers an overview of online, digital, internet and social media marketing techniques and practices. The course prepares students for using online marketing platforms and decision making in the modern workplace.

P: (1) MKTG100, (2) A further 45 points at 200-level or above

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

MKTG316-22S2 (C) Semester 2

MKTG317 Sustainable Tourism Enterprises and Destinations

15 Points 0.1250 EFTS

This course offers an overview of macro marketing perspectives of sustainable tourism enterprises and destinations. The course prepares students for an in-depth understanding of how tourism marketing impacts and is impacted by the broader tourism system. Organisational and individual behaviours are discussed as well as mechanisms to enable sustainable tourism enterprises and destinations.

P: (1) MKTG100; and (2) A further 45 points at 200-level or above.

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

MKTG317-22S2 (C) Semester 2

MKTG340 Event Management and Marketing

15 Points 0.1250 EFTS

This course introduces students to the importance of marketing and managing events in the successful development of tourist destinations. It highlights the various forces (macro and micro level, especially from a stakeholder perspective) that impact on events and provides students with an insight into the events planning, marketing, and management process. This course also addresses the financial and human resources aspects of events, and provides students with generic event marketing and management skills that can be applied to festivals, meetings and conventions, exhibitions and shows, and to sport competitions.

P: MKTG240

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

MKTG340-22S1 (C) Semester 1

MKTG349 Applied Tourism Management and Marketing Project

15 Points 0.1250 EFTS

This course emphasises on using research to address tourism, hospitality and event issues related to the development and marketing of New Zealand as a tourism destination. Building on the introductory notions of marketing research in MKTG202 and tourism in MKTG240, this course further develops students' skills in applying research methods to investigate contemporary tourism issues in New Zealand. Through an applied project from the industry, students will complete an investigation of a current and relevant tourism issue. The course includes a series of workshops on tourism research methods and project management skills. Topics covered in this course include problem formulation and research design; research implementation; data collection and analysis and results interpretation; evaluation; and application.

P: MKTG240, MKTG202

Domestic Fee: \$845 (2021)

International Fee: \$3,975 (2021)

MKTG349-22S2 (C) Semester 2

MKTG390 Marketing Internship

15 Points 0.1250 EFTS

Not offered in 2022

An internship placement is an opportunity to experience a professional work environment. Internships taken for credit are usually unpaid. You are expected to develop a good understanding of a sector, market or organisation. The work you submit will show an application of the tools, ideas or concepts of marketing. You will be required to reflect critically on the requirements of transitioning from an academic to a work environment and the skills valued in a professional workplace. As these are marketing placements, priority is given to marketing majors.

P: (1) MKTG 201 and MKTG 202 (2) Subject to Head of Department Approval

R: ECON390, FINC390, ARTS395, ACCT324, INFO390, PACE395

Limited entry. See limitation of entry regulations.

Postgraduate

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

MKTG603 Advanced Consumer Behaviour

15 Points 0.1250 EFTS

The purpose of this course is to introduce students to advanced consumer behaviour and research, and for students to develop the ability to integrate the various theories and research findings presented.

P: Subject to approval of the Head of Department

R: MGMT423

EQ: MGMT423

Domestic Fee: \$1,009 (2021)

International Fee: \$3,975 (2021)

MKTG603-22S1 (C) Semester 1

MKTG605 Advanced Strategic Marketing

15 Points 0.1250 EFTS

This course examines marketing strategy as a market-driven process of strategy development that delivers superior customer value and ensures satisfactory organisational performance including sustained competitive advantage. A special focus of the course is the examination and critical analysis of classic and the latest literature in strategic marketing against an environment that is dynamic and hugely challenging.

P: Subject to approval of the Head of Department.

R: MGMT424

EQ: MGMT424

Domestic Fee: \$1,009 (2021)

International Fee: \$3,975 (2021)

MKTG605-22S2 (C) Semester 2

MKTG609 Advanced Services and Tourism Marketing

15 Points 0.1250 EFTS

This course covers the principles and theories of advanced services and tourism marketing.

P: Subject to approval of the Head of Department

R: MGMT421

EQ: MGMT421

Domestic Fee: \$1,009 (2021)

International Fee: \$3,975 (2021)

MKTG609-22S1 (C) Semester 1**MKTG611 Current Topics in Marketing**

15 Points 0.1250 EFTS

An advanced examination of contemporary issues in marketing.

P: Subject to approval of the Head of Department

R: MGMT452

EQ: MGMT452

Domestic Fee: \$1,009 (2021)

International Fee: \$3,975 (2021)

MKTG611-22S2 (C) Semester 2**MKTG620 Research Methods for Marketing**

30 Points 0.2500 EFTS

This core course provides students with advanced knowledge of qualitative and quantitative theories and research methods relevant to Marketing discipline. These include Conjoint Analysis, Best/Worst Choice Modelling, Netnographic Research, and Tribal Marketing Ethnographic Research. A heavier focus will also be placed on methodologies that predominate much of the marketing research currently being used in both academia and business such as experimental design, depth analysis of qualitative consumer research, and segmentation analysis of large datasets to form consumer groups

P: Subject to approval of the Head of Department.

Domestic Fee: \$2,018 (2021)

International Fee: \$7,950 (2021)

MKTG620-22S1 (C) Semester 1**MKTG680 Marketing Dissertation**

30 Points 0.2500 EFTS

A course where students complete a written dissertation based upon their research proposal developed in MKTG620.

P: MKTG620

Domestic Fee: \$2,018 (2021)

International Fee: \$7,950 (2021)

MKTG680-22S2 (C) Semester 2**MKTG694 MCom Thesis**

90 Points 0.7500 EFTS

P: Subject to approval of the Head of Department

Domestic Fee: \$5,669 (2021)

International Fee: \$23,850 (2021)

MKTG694-22A (C) Starts Anytime**MKTG695 MCom Thesis**

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department

Domestic Fee: \$7,558 (2021)

International Fee: \$31,800 (2021)

MKTG695-22A (C) Starts Anytime*Part-time enrolment (0.65 EFTS) is available on approval.***MKTG790 Marketing PhD**

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department

Domestic Fee: \$7,558 (2021)

International Fee: \$31,800 (2021)

MKTG790-22A (C) Starts Anytime*Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Mathematical Physics

*Te Kura Matū | School of Physical and Chemical Sciences**Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.***MAPH480 Mathematical Physics Research Project**

30 Points 0.2500 EFTS

An independent research project in Physics for 400-level students

P: Subject to approval of the Head of Department

Domestic Fee: \$2,168 (2021)

International Fee: \$10,000 (2021)

MAPH480-22A (C) Starts Anytime**MAPH790 Mathematical Physics PhD**

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$8,172 (2021)

International Fee: \$40,000 (2021)

MAPH790-22A (C) Starts Anytime*Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Mathematics

*Te Kura Hanga Otinga | School of Product Design***MATH101 Methods of Mathematics**

15 Points 0.1250 EFTS

Introduction to calculus, trigonometry and algebra. Emphasis on setting up mathematical models of problems, solving them and interpreting the solutions. Applications to the physical, life and earth sciences as well as to commerce and the humanities.

R: MATH199

Domestic Fee: \$802 (2021)

International Fee: \$4,563 (2021)

MATH101-22S1 (C) Semester 1**MATH101-22W (C) Whole Year (S1 and S2)****MATH101-22S2 (C) Semester 2****MATH101-22S2 (D) Semester 2****MATH102 Mathematics 1A**

15 Points 0.1250 EFTS

An introductory course in calculus and linear algebra that is designed primarily for students who have done well in Level 3 NCEA Mathematics, covering single variable calculus and basic ideas in linear algebra. The mathematics in this course has applications in many areas of science and commerce.

P: 1. MATH101, or 2. NCEA 14 Credits at level 3 Mathematics, or 3. Cambridge: D at A level or an A at AS level in Mathematics, or 4. IB: 4 at HL or 5 at SL in Mathematics, or 5. Approval of the Head of School based on alternative prior learning.

R: MATH108, MATH199, EMTH118

Domestic Fee: \$802 (2021)

International Fee: \$4,563 (2021)

MATH102-22S1 (C) Semester 1**MATH102-22S1 (D) Semester 1****MATH102-22S2 (C) Semester 2****MATH102-22S2 (D) Semester 2****MATH103 Mathematics 1B**

15 Points 0.1250 EFTS

A consolidation of concepts from MATH102 and introduction to more advanced ideas in calculus and linear algebra. It is a prerequisite for many courses in mathematics and other subjects at 200-level.

P: MATH102 or EMTH118

R: MATH109, MATH199, EMTH119

Domestic Fee: \$802 (2021)

International Fee: \$4,563 (2021)

MATH103-22S2 (C) Semester 2**MATH103-22S2 (D) Semester 2**

Mathematics

MATH110 Foundations of Applied Mathematics and Statistics

15 Points 0.1250 EFTS

Introduction to trigonometry and algebra. Emphasis on solving problems relevant to design, physical, life and earth sciences as well as to commerce and the humanities. An introduction to the ideas, techniques and applications of statistics and probability.

R: EMTH118, MATH101, MATH102, MATH199, STAT101

Domestic Fee: \$802 (2021)

International Fee: \$4,563 (2021)

MATH110-22S1 (C) Semester 1

MATH120 Discrete Mathematics

15 Points 0.1250 EFTS

Discrete mathematics is that part of mathematics not involving limit processes. It includes logic, the integers, finite structures, sets and networks.

P: 1. MATH101 or MATH102 or EMTH118, or 2. NCEA 14 Credits (18 strongly recommended) at level 3 Mathematics, or 3. Cambridge: D at A level or an A at AS level in Mathematics, or 4. IB: 4 at HL or 5 at SL in Mathematics, or 5. approval of the Head of School based on alternative prior learning.

R: MATH115

Domestic Fee: \$788 (2021)

International Fee: \$4,438 (2021)

MATH120-21SU2 (C) Summer (Nov 21)

MATH120-22S2 (C) Semester 2

MATH120-22S2 (D) Semester 2

MATH130 Introduction to Logic and Computability

15 Points 0.1250 EFTS

Not offered in 2022

An introduction to logic and computability.

R: MATH134, PHIL134, PHIL138

MATH170 Mathematical Modelling and Computation

15 Points 0.1250 EFTS

Not offered in 2022

An introduction to mathematical modelling and simulation via case studies using standard computer packages. Structured programming for mathematical problem solving.

R: MATH171, EMTH171

RP: It is strongly recommended that students should have passed EMTH118 or MATH102 before taking EMTH171/MATH170. A prior or concurrent enrolment in EMTH119 or MATH103 is also recommended. If you are taking EMTH171/MATH170 concurrently with EMTH118 or MATH102, you are likely to experience difficulties and need to put in extra work.

MATH201 Multivariable Calculus

15 Points 0.1250 EFTS

This course deals with techniques in multivariable calculus and vector calculus which have applications in many areas of science, commerce and engineering. It is also preparation for many courses in advanced mathematics.

P: MATH103 or MATH199 or EMTH119

R: MATH261, MATH264, EMTH202, EMTH204, EMTH210

Domestic Fee: \$802 (2021)

International Fee: \$4,563 (2021)

MATH201-22S1 (C) Semester 1

MATH202 Differential Equations

15 Points 0.1250 EFTS

This course deals with analytical, numerical, and geometric techniques for differential equations, including applications.

P: MATH103 or MATH199 or EMTH119

R: MATH262, MATH264, EMTH202, EMTH204

Domestic Fee: \$802 (2021)

International Fee: \$4,563 (2021)

MATH202-22S2 (C) Semester 2

MATH203 Linear Algebra

15 Points 0.1250 EFTS

Linear algebra is a key part of the mathematician's toolkit and has applications to many areas in science, commerce and engineering. This course develops the fundamental concepts of linear algebra, including vector spaces, linear transformations, eigenvalues, and orthogonality. Emphasis is placed on understanding both abstract mathematical structures and their concrete applications.

P: MATH103 or EMTH119 or MATH199

R: MATH252, MATH254, EMTH203, EMTH204, EMTH211, DATA203

Domestic Fee: \$802 (2021)

International Fee: \$4,563 (2021)

MATH203-22S1 (C) Semester 1

MATH220 Discrete Mathematics and Cryptography

15 Points 0.1250 EFTS

Discrete mathematics underpins many areas of modern-day science. This course is an introduction to graph theory and cryptography, two central topics in discrete mathematics.

P: (MATH102 and MATH120) or MATH103 or MATH199 or EMTH119

R: MATH221, MATH231

Domestic Fee: \$802 (2021)

International Fee: \$4,563 (2021)

MATH220-22S1 (C) Semester 1

MATH230 Logic, Automata, and Computability

15 Points 0.1250 EFTS

An introduction to various formal logics, the theory of automata, and the theoretical limitations of the computer.

P: 15 points from MATH102-199, and a further 15 points from 100 level COSC, EMTH, MATH, PHIL or STAT courses, excluding COSC110 and MATH101.

R: MATH208, MATH308, PHIL208 (prior to 2014), PHIL210, PHIL308 (prior to 2014).

EQ: PHIL210

Domestic Fee: \$802 (2021)

International Fee: \$4,563 (2021)

MATH230-22S2 (C) Semester 2

MATH240 Analysis and Groups

15 Points 0.1250 EFTS

The course comprises two very different subjects, analysis and groups, both fundamental to mathematics and requiring mathematically rigorous thinking. It gives a deeper understanding of the real number system and limits, and an introduction to the methods of abstract algebra via the study of symmetries and permutations.

P: MATH103, MATH199 or EMTH119.

R: MATH222, MATH243

Domestic Fee: \$802 (2021)

International Fee: \$4,563 (2021)

MATH240-22S2 (C) Semester 2

MATH270 Mathematical Modelling and Computation 2

15 Points 0.1250 EFTS

Numerical methods and stochastics: solving nonlinear equations; solving systems of linear equations; interpolation; initial value and boundary value problems for ordinary differential equations; Monte Carlo simulation and applications. Programming and problem solving using MATLAB and the application of these ideas.

P: (MATH170 or EMTH171 or MATH280 or COSC121 or Head of School approval) and (EMTH119 or MATH103 or MATH199)

R: EMTH271, MATH271

Domestic Fee: \$802 (2021)

International Fee: \$4,563 (2021)

MATH270-22S2 (C) Semester 2

MATH280 Introduction to Scientific Computation

15 Points 0.1250 EFTS

Not offered in 2022

Introduction to the mathematical software package, MATLAB, that integrates technical computation, graphics, visualisation, and programming

P: MATH103, MATH199 or EMTH119

R: MATH281, MATH282

MATH302 Partial Differential Equations

15 Points 0.1250 EFTS

An introduction to the methods of solution for partial differential equations and to their applications.

P: (MATH201 and MATH202) or EMTH210

R: MATH361, EMTH391, EMTH413

Domestic Fee: \$802 (2021)

International Fee: \$4,563 (2021)

MATH302-22S1 (C) Semester 1

MATH303 Applied Matrix Algebra

15 Points 0.1250 EFTS

A continuation of 200-level linear algebra with computational and theoretical aspects and applications.

P: One of MATH203, EMTH211, or DATA203

R: MATH352, EMTH412

Domestic Fee: \$802 (2021)

International Fee: \$4,563 (2021)

MATH303-22S2 (C) Semester 2

MATH320 Discrete Mathematics

15 Points 0.1250 EFTS

An introduction to various topics including combinatorial optimisation, enumeration, and set systems.

P: 30 points from MATH201, MATH202, MATH203, MATH220, MATH240, EMTH210, EMTH211.

R: MATH333, MATH334

Domestic Fee: \$802 (2021)

International Fee: \$4,563 (2021)

MATH320-22S1 (C) Semester 1**MATH321 Rings and Fields**

15 Points 0.1250 EFTS

An introduction to fields and rings, including applications to coding theory and the impossibility of constructions such as 'squaring the circle'.

P: One of MATH 203, MATH 220, MATH 240, or EMTH 211, and a further 15 points from MATH 201-294.

R: MATH439, MATH311

Domestic Fee: \$802 (2021)

International Fee: \$4,563 (2021)

MATH321-22S1 (C) Semester 1**MATH324 Cryptography and Coding Theory**

15 Points 0.1250 EFTS

This course deals with the mathematical ideas underlying modern cryptography, including algebra, number theory and probability theory.

P: One of MATH203, MATH220 or MATH240, and a further 15 points from MATH 201-294.

R: MATH391

Domestic Fee: \$802 (2021)

International Fee: \$4,563 (2021)

MATH324-22S2 (C) Semester 2**MATH335 Computability Theory**

15 Points 0.1250 EFTS

Not offered in 2022

Mathematical models of computation. Computability and non-computability. Abstract complexity theory.

P: 1) MATH 230 and (COSC 222 or COSC 261); or 2) 30 points in MATH or EMTH at 200 level, as approved by the Head of School; or 3) MATH 230 and, with the approval of the Head of School, an appropriate Philosophy course.

MATH336 Foundations of Mathematics

15 Points 0.1250 EFTS

Not offered in 2022

An introduction to the philosophy of mathematics, classical and intuitionistic logic, set theory, and Gödel's theorems.

P: 30 points in MATH or EMTH at 200 level, as approved by the Head of School.

R: MATH 208, MATH 308

MATH343 Metric, Normed and Hilbert Spaces

15 Points 0.1250 EFTS

An introduction to those parts of modern analysis essential for many aspects of pure and applied mathematics, physics, economics and finance.

P: 30 points from MATH201, MATH202, MATH203, MATH240, MATH270, EMTH210, EMTH211 or EMTH271.

Domestic Fee: \$802 (2021)

International Fee: \$4,563 (2021)

MATH343-22S1 (C) Semester 1**MATH353 Computational Mathematics and Applications**

15 Points 0.1250 EFTS

This course looks at a variety of methods for solving important computational problems that arise in science, engineering and commerce. In addition to applications, we will look at the methods' basic theoretical properties (stability, accuracy, computational complexity, convergence). During the course, you will learn about the performance of the methods through examples and counterexamples that highlight their pros and cons.

P: 1) Either MATH 201 or EMTH 210; AND 2) One of MATH 202, MATH 203, MATH 240, MATH 270, EMTH 211 or EMTH 271. With the permission of the Head of School a high grade in either MATH 201 or EMTH 210 will suffice.

R: EMTH414

Domestic Fee: \$802 (2021)

International Fee: \$4,563 (2021)

MATH353-22S1 (C) Semester 1**MATH363 Dynamical Systems**

15 Points 0.1250 EFTS

An introduction to nonlinear systems, the use of linearisation techniques and bifurcation theory.

P: MATH201 or EMTH210 and a further 15 points from (EMTH211, EMTH271, MATH202, MATH203, MATH240, MATH270).

R: EMTH415

Domestic Fee: \$802 (2021)

International Fee: \$4,563 (2021)

MATH363-22S2 (C) Semester 2**MATH365 Applications of Complex Variables**

15 Points 0.1250 EFTS

Applications of complex variable theory in the physical and engineering sciences. Contour integration. Conformal mappings.

P: MATH201 or MATH240; or, a high level of achievement in EMTH210 with Head of School approval

R: MATH342

Domestic Fee: \$802 (2021)

International Fee: \$4,563 (2021)

MATH365-22S2 (C) Semester 2**MATH380 Mathematics in Perspective**

15 Points 0.1250 EFTS

Topics in the history, philosophy, directions and culture of mathematics including significant results from the past and an outline of some major areas of progress in the 20th century.

P: 30 points in Mathematics or Statistics or Engineering Mathematics at 100 level. 45 points from the BA or BSc Schedule at 200 level in Mathematics, Statistics, Engineering Mathematics, related subjects, or other subjects with good grades, as approved by the Head of School.

R: MATH301, MATH433, HAPS405

Domestic Fee: \$802 (2021)

International Fee: \$4,563 (2021)

MATH380-22S2 (C) Semester 2**MATH391 Special Topic**

15 Points 0.1250 EFTS

This special topic will allow flexibility to offer new or one-off courses of strategic importance to the Department. Its potential uses include: new staff developing a course in their areas of research specialisation; visiting Erskine fellows offering courses covering exciting new developments.

P: Subject to the approval of the Head of School.

Domestic Fee: \$802 (2021)

International Fee: \$4,563 (2021)

MATH391-22S1 (C) Semester 1**MATH392 Special Topic**

15 Points 0.1250 EFTS

This special topic will allow flexibility to offer new or one-off courses of strategic importance to the Department. Its potential uses include: new staff developing a course in their areas of research specialisation; visiting Erskine fellows offering courses covering exciting new developments.

P: Subject to the approval of the Head of School.

Domestic Fee: \$802 (2021)

International Fee: \$4,563 (2021)

MATH392-22S2 (C) Semester 2**MATH393 Independent Course of Study**

15 Points 0.1250 EFTS

P: Subject to approval of the Head of School.

Domestic Fee: \$802 (2021)

International Fee: \$4,563 (2021)

MATH393-22S1 (C) Semester 1**MATH394 Independent Course of Study**

15 Points 0.1250 EFTS

P: Subject to the approval of the Head of School.

Domestic Fee: \$802 (2021)

International Fee: \$4,563 (2021)

MATH394-22S2 (C) Semester 2**MATH395 Mathematics Project**

15 Points 0.1250 EFTS

This 150 hour course provides students with an opportunity to develop mathematical research skills to extend and strengthen their understanding of an area of mathematics. Note: This course cannot be included as part of the 300 level requirement for a Mathematics or Statistics major.

P: Subject to approval of the Head of School

R: MATH305

Domestic Fee: \$788 (2021)

International Fee: \$4,438 (2021)

MATH395-21SU2 (C) Summer (Nov 21)

Postgraduate

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

MASC686 MMathSci Project

60 Points 0.5000 EFTS

This course will give you research experience by completing an independent study on a project with an emphasis on a subject in the Mathematical Sciences. You will have an academic supervisor to provide research guidance throughout your project. Your research project topic will be chosen in discussion with your academic supervisor. We work with you to pair you up with a suitable supervisor. You will develop an initial research proposal and then undertake the research work. You will complete the project by producing a written research report and giving an oral presentation of your work.

P: Subject to approval of the Head of Department.

Domestic Fee: \$3,950 (2021)

International Fee: \$20,000 (2021)

MASC686-22A (C) Starts Anytime**MATH401 Dynamical Systems**

15 Points 0.1250 EFTS

P: Subject to approval of the Head of School.

Domestic Fee: \$1,017 (2021)

International Fee: \$5,000 (2021)

MATH401-22S1 (C) Semester 1**MATH403 Advanced Methods for Partial Differential Equations**

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Head of School.

MATH404 Industrial Case Studies

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Head of School.

MATH406 Mathematical Models in Biology

15 Points 0.1250 EFTS

P: Subject to approval of the Head of School.

Domestic Fee: \$1,017 (2021)

International Fee: \$5,000 (2021)

MATH406-22S1 (C) Semester 1**MATH407 Special Topic in Mathematics**

15 Points 0.1250 EFTS

Not offered in 2022

Special Topic in Mathematics

P: Subject to approval of the Head of School

MATH408 Financial Mathematics

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Head of School.

MATH409 Cryptography and Coding Theory

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Head of School.

MATH410 Approximation Theory

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Head of School.

MATH411 Topics in Algebra

15 Points 0.1250 EFTS

P: Subject to approval of the Head of School.

Domestic Fee: \$1,017 (2021)

International Fee: \$5,000 (2021)

MATH411-22S1 (C) Semester 1**MATH412 Optimization**

15 Points 0.1250 EFTS

Techniques for optimising smooth functions both with and without constraints present.

P: Subject to approval of the Head of School.

R: EMTH604

Domestic Fee: \$1,017 (2021)

International Fee: \$5,000 (2021)

MATH412-22S2 (C) Semester 2**MATH414 Computational Methods**

15 Points 0.1250 EFTS

P: Subject to the approval of the Head of School.

Domestic Fee: \$1,017 (2021)

International Fee: \$5,000 (2021)

MATH414-22S1 (C) Semester 1**MATH415 Numerical Analysis**

15 Points 0.1250 EFTS

P: Subject to approval of the Head of School.

Domestic Fee: \$1,017 (2021)

International Fee: \$5,000 (2021)

MATH415-22S2 (C) Semester 2**MATH416 Differential Systems**

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Head of School.

MATH417 Computational Fluid Mechanics

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Head of School.

MATH418 Measure and Integration

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Head of School.

MATH420 Hilbert Spaces

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Head of School.

MATH421 Functional Analysis

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Head of School.

MATH422 Symbolic Computation

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Head of School.

MATH424 Wavelet and Data Compression

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Head of School.

MATH425 Real and Complex Analysis

15 Points 0.1250 EFTS

Real and Complex Analysis

P: Subject to approval of the Head of School.

Domestic Fee: \$1,017 (2021)

International Fee: \$5,000 (2021)

MATH425-22S1 (C) Semester 1**MATH426 Geometry**

15 Points 0.1250 EFTS

The course deals with advanced topics in geometry

P: Subject to approval of the Head of School.

Domestic Fee: \$1,017 (2021)

International Fee: \$5,000 (2021)

MATH426-22S1 (C) Semester 1

MATH427 Lie Groups and Lie Algebras

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Head of School.

MATH428 Topology

15 Points 0.1250 EFTS

P: Subject to approval of the Head of School.

Domestic Fee: \$1,017 (2021)

International Fee: \$5,000 (2021)

MATH428-22S2 (C) Semester 2

MATH429 Combinatorics

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Head of School.

MATH430 History of Mathematics

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Head of School.

R: HAPS406

MATH431 Special Topic in Mathematics

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Head of School.

MATH432 Foundations of Mathematics

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Head of School.

MATH433 Mathematics in Perspective

15 Points 0.1250 EFTS

P: Subject to approval of the Head of School.

R: MATH380, HAPS405

Domestic Fee: \$1,017 (2021)

International Fee: \$5,000 (2021)

MATH433-22S2 (C) Semester 2

MATH435 Probability Theory

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Head of School.

MATH437 Group Theory

15 Points 0.1250 EFTS

Not offered in 2022

Group Theory

P: Subject to approval of the Head of School.

MATH438 Special Topic in Mathematics

15 Points 0.1250 EFTS

Not offered in 2022

Special Topic in Mathematics

P: Subject to approval of the Head of School.

MATH439 Rings and Fields

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Head of School.

R: MATH321

MATH440 Graph Theory

15 Points 0.1250 EFTS

This is a self-contained advanced-level graph theory course, which explores some of the most important results in the field.

P: Subject to approval of the Head of School.

Domestic Fee: \$1,017 (2021)

International Fee: \$5,000 (2021)

MATH440-22S2 (C) Semester 2

MATH442 Special Topic in Mathematics

15 Points 0.1250 EFTS

Not offered in 2022

Special Topic in Mathematics

P: Subject to approval of the Head of School.

MATH443 Metric, Normed and Hilbert Spaces

15 Points 0.1250 EFTS

P: Subject to approval of the Head of School.

Domestic Fee: \$1,017 (2021)

International Fee: \$5,000 (2021)

MATH443-22S1 (C) Semester 1

MATH444 Special Topic in Mathematics

15 Points 0.1250 EFTS

Not offered in 2022

Special Topic in Mathematics

P: Subject to approval of the Head of School.

MATH449 Project

30 Points 0.2500 EFTS

P: Subject to approval of the Head of School.

Domestic Fee: \$2,033 (2021)

International Fee: \$10,000 (2021)

MATH449-22W (C) Whole Year (S1 and S2)

MATH449-22CY (C) Cross Year

MATH475 Independent Course of Study

15 Points 0.1250 EFTS

P: Subject to approval of the Head of School.

Domestic Fee: \$1,017 (2021)

International Fee: \$5,000 (2021)

MATH475-22S1 (C) Semester 1

MATH475-22S2 (C) Semester 2

MATH491 Research Project

15 Points 0.1250 EFTS

This 150 hour course provides students with an opportunity to develop mathematical or statistical research skills to extend and strengthen their understanding of an area of mathematics or statistics. Students will be involved in a research project with a supervisor. The project will be closely aligned with the supervisor's existing research programme.

P: Subject to approval of the Head of School.

Domestic Fee: \$1,000 (2021)

International Fee: \$4,938 (2021)

MATH491-21SU2 (C) Summer (Nov 21)

MATH491-22A (C) Starts Anytime

MATH690 MSc Thesis

120 Points 1.0000 EFTS

P: Subject to approval of the Head of School.

Domestic Fee: \$7,900 (2021)

International Fee: \$40,000 (2021)

MATH690-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval.

MATH695 MA Thesis

120 Points 1.0000 EFTS

P: Subject to approval of the Head of School.

Domestic Fee: \$7,900 (2021)

International Fee: \$40,000 (2021)

MATH695-22A (C) Starts Anytime

Mathematics and Philosophy

MATH697 MMathSci Thesis (Mathematics)

90 Points 0.7500 EFTS

This course will give you research experience by completing an independent study on a project in Mathematics. You will have an academic supervisor to provide research guidance throughout your project. Your research project topic will be chosen in discussion with your academic supervisor. We work with you to pair you up with a suitable supervisor. You will develop an initial research proposal and then undertake the research work. You will complete the project by producing a thesis and giving an oral presentation of your work.

P: Subject to approval of the Head of Department

Domestic Fee: \$5,925 (2021)

International Fee: \$30,000 (2021)

MATH697-22A (C) Starts Anytime

MASC684 MMathSci Project (45 points)

45 Points 0.3750 EFTS

This course will give you research experience by completing an independent study on a project with an emphasis on a subject in the Mathematical Sciences. You will have an academic supervisor to provide research guidance throughout your project. Your research project topic will be chosen in discussion with your academic supervisor. We work with you to pair you up with a suitable supervisor. You will develop an initial research proposal and then undertake the research work. You will complete the project by producing a written research report and giving an oral presentation of your work.

P: Subject to approval of the Head of Department.

Domestic Fee: \$2,963 (2021)

International Fee: \$15,000 (2021)

MASC684-22A (C) Starts Anytime

MATH790 Mathematics PhD

120 Points 1.0000 EFTS

P: Subject to approval of the Head of School.

Domestic Fee: \$7,900 (2021)

International Fee: \$40,000 (2021)

MATH790-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.

Mathematics and Philosophy

Te Kura Hanga Otinga | School of Product Design

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

MPHI450 Project

39 Points 0.3250 EFTS

P: Subject to approval of the Head of School.

Domestic Fee: \$2,643 (2021)

International Fee: \$13,000 (2021)

MPHI450-22W (C) Whole Year (S1 and S2)

MPHI790 Mathematics and Philosophy PhD

120 Points 1.0000 EFTS

P: Subject to approval of the Head of School.

Domestic Fee: \$7,900 (2021)

International Fee: \$40,000 (2021)

MPHI790-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.

Mechanical Engineering

Department of Mechanical Engineering

ENME199 Workshop Training Course for Mechanical and Mechatronics Engineering

0 Points 0.0000 EFTS

This workshop training course will give students a basic experience of workshop processes. This course is for Mechanical Engineering and Mechatronics Engineering students.

P: Approval into the BE(Hons) Programme

C: ENME201 or (ENMT211 and ENMT221)

Domestic Fee: \$0 (2021)

International Fee: \$0 (2021)

ENME199-22A (C) Starts Anytime

ENME201 Design Communication

15 Points 0.1250 EFTS

Projection theory, visualisation techniques, orthographic drawing, introduction to a modern CAD package.

P: Subject to the approval of the Dean of Engineering and Forestry. PROD110 Introduction to Product Design is accepted as an alternative to ENGR101 Foundations of Engineering.

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENME201-22S1 (C) Semester 1

ENME202 Stress, Strain and Deformation in Machine Elements

15 Points 0.1250 EFTS

Axial, torsional, transverse and bending loads; compound states of stress, principal stresses and strains; basic theories of failure for ductile and brittle materials; buckling including local buckling effects; basic energy methods; impact theory.

P: Subject to the approval of the Dean of Engineering and Forestry

Domestic Fee: \$986 (2021)

International Fee: \$5,500 (2021)

ENME202-21SU2 (D) Summer (Nov 21)

ENME202-22S1 (C) Semester 1

ENME203 Dynamics and Vibrations

15 Points 0.1250 EFTS

Dynamics and kinematics of mechanical and mechatronic systems; derivations and analysis of equation(s) of motion of single and multi-degree of freedom systems; vibrations: free and forced vibrations (harmonic, periodic, quasi- and aperiodic); computational methods to solve differential equations (Euler, Newmark-Beta, Runge-Kutta).

P: Subject to the approval of the Dean of Engineering and Forestry

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENME203-22S2 (C) Semester 2

ENME207 Materials Science and Engineering

15 Points 0.1250 EFTS

Fundamental relationships between structure, processing, physical properties and performance for metallic, ceramic, polymeric and composite materials.

P: Subject to the approval of the Dean of Engineering and Forestry

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENME207-22S2 (C) Semester 2

ENME215 Engineering Thermodynamics

15 Points 0.1250 EFTS

This course provides an introduction to the concept of energy and the laws governing the transfers and transformations of energy. The course begins with an emphasis on thermodynamic properties and the First and Second Law analysis of systems and control volumes. This follows with an integration of these concepts into the analysis of basic power cycles. The course continues with an emphasis on the analysis of power and refrigeration cycles and the application of basic principles to engineering problems.

P: Subject to the approval of the Dean of Engineering and Forestry.

R: ENME204, ENME305

Domestic Fee: \$986 (2021)

International Fee: \$5,500 (2021)

ENME215-21SU2 (D) Summer (Nov 21)

ENME215-22S1 (C) Semester 1

ENME221 Engineering Design and Manufacture

15 Points 0.1250 EFTS

Manufacturing processes, metrology and conceptual design. Introduction to CAD/CAM.

P: Subject to the approval of the College of Engineering Dean (Academic). PROD110 Introduction to Product Design is accepted as an alternative to ENGR101 Foundations of Engineering.

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENME221-22S2 (C) Semester 2

ENME299 Independent course of Study

15 Points 0.1250 EFTS

Independent course of Study

P: Subject to the approval of the Head of Department

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENME299-22S1 (C) Semester 1

ENME299-22S2 (C) Semester 2

ENME301 Engineering Design and Production Management

15 Points 0.1250 EFTS

Design process, simple structures, shafts, bearings couplings and brakes; mechanical power transmission. Production quality, process design and production management.

P: ENME201; ENME202; ENME221

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENME301-22S1 (C) Semester 1**ENME302 Computational and Applied Mechanical Analysis**

15 Points 0.1250 EFTS

Partial differential equations and their classification; boundary and initial conditions; analytical solution methods. Introduction to computational solution techniques and packages in solid mechanics (FEM), fluid dynamics (CFD) and heat/mass transfer.

P: EMTH210, EMTH271 or EMTH211, ENME202

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENME302-22S2 (C) Semester 2**ENME303 Controls and Vibrations**

15 Points 0.1250 EFTS

Design and analysis of feedback control systems for dynamic systems. Focus is on using these tools for design and problem solving using classical feedback control methods, including: Laplace transforms, block diagrams, dynamic response, steady-state error analysis, stability analysis, root locus plots, frequency response analysis.

P: EMTH210; ENME203

R: ENEL321

Domestic Fee: \$986 (2021)

International Fee: \$5,500 (2021)

ENME303-21SU2 (D) Summer (Nov 21)**ENME303-22S1 (C) Semester 1****ENME307 Performance of Engineering Materials**

15 Points 0.1250 EFTS

Modelling elastic and plastic behaviour. Mechanisms of ductile/brittle overload, fatigue, creep and corrosion. Linear elastic fracture mechanics. Prediction of remaining life due to fatigue, creep, corrosive environments. Fracture safe design and fracture control plans. Correlation between chemical, structural and physical characteristics of metals and plastics necessary for appropriate material selection, design and processing.

P: ENME207

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENME307-22S1 (C) Semester 1**ENME311 Engineering Design and Production Sustainability**

15 Points 0.1250 EFTS

Engineering design reports, design for fatigue, fasteners, welded joints, cranes: use of engineering codes, pressure vessel design, hydraulic machinery and sustainability in manufacturing.

P: ENME301

R: ENME351, ENME362

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENME311-22S2 (C) Semester 2**ENME313 Electro Technology for Mechanical Engineers**

15 Points 0.1250 EFTS

An introduction to the basic principles of circuit theories, RL and RC circuits, transduction principles, mechanical measurements, instrumentation techniques, operational amplifiers, data acquisition, Programmable Logic Control, power electronics and electric machines and control.

P: 60 points at 200-level in mechanical engineering

R: ENMT201

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENME313-22S2 (C) Semester 2**ENME314 Fluid Mechanics**

15 Points 0.1250 EFTS

This course considers the fundamental concept of fluid mechanics with an introduction to the fundamental conservation equations (in integral and differential forms). The course objective is to give the students the necessary theoretical understanding to analyse and solve complex engineering problems in fluid systems. Applications to a variety of topics are provided including fluid statics, experimental similitude, pipe systems, and turbo machinery.

P: EMTH210, ENME201

R: ENME304

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENME314-22S1 (C) Semester 1**ENME315 Heat Transfer**

15 Points 0.1250 EFTS

This course provides a comprehensive introduction to heat transfer fundamentals and their applications. The course introduces students to the analysis of steady-state and transient one- and multi-dimensional heat conduction. The course considers the analysis of heat transfer by convection using empirical and boundary layer approximations. Radiation heat transfer is considered with applications to multi-body radiation.

P: ENME215 or ENME204

R: ENME305

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENME315-22S2 (C) Semester 2**ENME351 Biomedical Design & Production Management**

15 Points 0.1250 EFTS

Engineering design reports, biostatics, bioethics, design in a biomedical environment for fatigue, fasteners, welded joints, plastics: use of engineering codes, pressure vessel design, medical devices design and manufacture.

P: ENME301

R: ENME311, ENME362

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENME351-22S2 (C) Semester 2**ENME362 Aerospace Design Principles and Production Management**

15 Points 0.1250 EFTS

This course covers more in-depth engineering design methods than ENME 301 and cover procedures that are not included in the engineering science subjects. The subject matter will have an Aerospace design focus and will cover Aerospace design certification requirements, basic systems engineering, cost and weight estimation, basic aircraft performance, safety and reliability, lifecycle topics, aircraft subsystems, risk analysis and management, and system realization. Overall students are brought to a level where they can undertake a substantial Aerospace engineering design problem in a methodical manner, and can produce a professional quality design report.

P: ENME201, ENME221, ENME301

R: ENME311, ENME351

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENME362-22S2 (C) Semester 2*Limited Entry. See limitation of entry regulations.***ENME396 Independent Course of Study**

15 Points 0.1250 EFTS

P: Subject to approval of the Director of Studies

R: ENME303

Domestic Fee: \$986 (2021)

International Fee: \$5,500 (2021)

ENME396-21SU2 (C) Summer (Nov 21)**ENMT301 Mechatronics System Design**

30 Points 0.2500 EFTS

Developing skills in the mechatronic design process. Design and selection of components common to mechatronic systems using engineering science taught in other courses. Application of modern tools and processes to mechatronic design. Developing engineering communication skills in the context of design.

P: ENMT201, or ENMT211 and ENMT221

Domestic Fee: \$2,005 (2021)

International Fee: \$11,250 (2021)

ENMT301-22W (C) Whole Year (S1 and S2)*Limited entry. See limitation of entry regulations.***ENGR401 Computational Fluid Dynamics**

15 Points 0.1250 EFTS

Theoretical and practical aspects of Computational Fluid Dynamics, including the theory of fluid flow equations, numerical methods of solving these equations, turbulence, and experience with a commercial CFD software.

P: ENME304 or ENME314, or ENCH393, or ENCN342

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENGR401-22S1 (C) Semester 1

ENME401 Mechanical Systems Design

15 Points 0.1250 EFTS

This course involves a series of lectures on applying the process of engineering design. Students will learn to develop their ability in design while completing two design assignments. The first assignment involves a conceptual design task. This task description will be vague and incompletely specified. Students will gather and critically assess information required to clarify the task. During the process of conceptual design students will create alternative design solutions. These solutions will be evaluated and the most suitable design concept selected and developed. The second assignment involves an embodiment and detail design task. Students will start with an engineering concept and will evolve this concept towards a detailed technical system in which performance, reliability and economy are maximised. These objectives are achieved under the umbrella of two overriding objectives, namely, safety and sustainability.

P: ENME311 or ENMT301

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENME401-22S1 (C) Semester 1**ENME402 Acoustics and Vibrations**

15 Points 0.1250 EFTS

Vibrations of discrete and continuous systems, fundamental and modern acoustics.

P: ENME302

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENME402-22S2 (C) Semester 2**ENME403 Linear Systems Control and System Identification**

15 Points 0.1250 EFTS

State-space modelling, solution and analysis of state-space equations. Control systems aspects include state feedback and pole placement, state estimation and optimal control. System identification, which is complementarily related to control systems design/analysis will develop and solve linear methods of model identification and creation from data.

P: ENME303 or ENEL321

R: ENEL430

Domestic Fee: \$1,114 (2021)

International Fee: \$5,500 (2021)

ENME403-21SU2 (D) Summer (Nov 21)**ENME403-22S1 (C) Semester 1****ENME404 Aerodynamics and Ground Vehicle Dynamics**

15 Points 0.1250 EFTS

Aerofoil theory; Flat plate lift and drag; Aerofoil lift and drag; Predicting aerofoil data with Xfoil; Boundary layer theory; Aircraft performance; Stability and control in flight; Wind tunnel testing; Glider design, build and test; Propeller design; BEMT method; High speed (compressibility) effects; Wheeled ground vehicles: load transfer, tyre design, traction and rolling resistance, aerodynamics, suspension, steering, and potential flow.

P: ENME304 or ENME314

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENME404-22S2 (C) Semester 2**ENME405 Energy Systems Engineering**

15 Points 0.1250 EFTS

Energy resources, conversion and management. Energy conservation in industrial, commercial and residential sectors. Advanced power cycles, energy analysis, thermal system modelling. Fuels and combustion, environmental aspects.

P: ENME305 or ENME315

R: ENGR404

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENME405-22S2 (C) Semester 2**ENME406 Engineering Product Design and Analysis**

15 Points 0.1250 EFTS

Not offered in 2022

This course develops engineering design skills with a particular focus on the proficient use of modern CAD-integrated finite element analysis (FEA) tools for optimising product attributes. Modern CAD software is used to produce detailed part and assembly models, which students then analyse. Major topics include: fundamental principles of FEA, design of organic shapes by free-style CAD, CAD-integrated analysis (e.g. stress/strain, thermal loading, dynamics), non-linear analysis (with experimental validation), optimisation, user needs, and the recursive nature of the product design process.

P: ENME302

ENME407 Advanced Materials Science and Engineering

15 Points 0.1250 EFTS

Materials processing; phase transformations in metals and alloys; aluminium and ferrous alloys.

P: ENME 307

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENME407-22S1 (C) Semester 1**ENME408 Honours Research and Development Project**

30 Points 0.2500 EFTS

Team-based capstone research and development project. The purpose of the course is to develop applied professional problem-solving skills. There are no pre-existing solutions paths, no standard recipes to follow. Students apply research and design, select their own tools and find their own solution.

P: 60 points at 300-level in Mechanical Engineering

C: ENME 418

Domestic Fee: \$2,266 (2021)

International Fee: \$11,250 (2021)

ENME408-22W (C) Whole Year (S1 and S2)**ENME408-22S2 (C) Semester 2****ENME409 Physiological Modelling**

15 Points 0.1250 EFTS

Not offered in 2022

A project-orientated introduction to dynamic modelling in physiology and the life sciences.

Major topics include the modelling of the fluid flow, mass exchange and feedback auto-regulation as they are utilised throughout the human body. There is a particular focus on the cardiovascular (heart), renal (kidney) and cerebral systems (brain), representing three of the main organ groups in the human body, and in particular on how fundamental engineering sciences and mathematics can be used to model their behaviour to provide better understanding, as well as to engineer new therapies and medical detection methods.

ENME411 Advanced Mechanical System Design

15 Points 0.1250 EFTS

Not offered in 2022

This course involves a series of lectures on specialist topics in mechanical engineering design.

Specialist topics include: hydraulic power systems; vibration isolation; design optimisation; similitude and scale modelling; risk & reliability. Students will learn to develop their ability in these specialist topics while completing a design assignment and a three day workshop. The assignment and workshop will each involve the application of engineering analysis in one or more of the specialist areas listed above. Students will communicate their designs using: hand sketches; engineering drawings; calculations; and formal technical reports. Students will need to be available to complete the 3-day workshop.

P: ENME401

ENME412 Advanced Vibrations

15 Points 0.1250 EFTS

Advanced vibrations of discrete and continuous systems in mechanical and mechatronics engineering; analytical, computational and experimental analysis tools with which to investigate and predict the performance of systems; oscillatory types include self- and parametrically excited systems; the course also offers an introduction to the analysis of nonlinear systems.

P: ENME302, ENME203

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENME412-22S1 (C) Semester 1**ENME417 Advanced Composite, Polymeric and Ceramic Materials**

15 Points 0.1250 EFTS

Not offered in 2022

This course is intended to reveal the correlation between structure and physical characteristics of plastics and composites necessary for appropriate material selection, design and processing. The course is concerned with the relationship between the structure, properties and processing of non-metallic materials (polymers, composites and ceramics)

P: ENME307

ENME418 Engineering Management and Professional Practice for Mechanical Engineers

15 Points 0.1250 EFTS

The development of engineering management skills is essential to practice as a professional engineer. Engineers carry out technical analyses, but technology is always embedded in the context of society, and usually also business. Engineers therefore need to be able to integrate their solutions and planning within these broader contexts. This course covers several topics in engineering management and professional practice: project management, professional engineering competence and careers, environmental and societal dimensions, cultural and societal expectations, biculturalism and worldviews, health and safety, ethics, risk management, product liability, torts, managing people, team and conflict, structure of organisations, financial budget, cashflow, marketing, vision and strategy, intellectual property protection, among others. The focus throughout the course is on the engineering contexts, including new

product development and production engineering. The course develops students' ability to solve problems in these various other areas, and produce integrative solutions for prospective engineering ventures.

P: 60 points at 300-level in Mechanical Engineering
Domestic Fee: \$1,133 (2021)
International Fee: \$5,625 (2021)

ENME418-22S2 (C) Semester 2

ENME423 Instrumentation and Sensors

15 Points 0.1250 EFTS

Not offered in 2022

Deepen and broaden education of Mechanical Engineering and Mechatronics Engineering in the essential elements of instrumentation and sensing technologies. Statistical techniques for measurement data analysis, measurement uncertainty analysis, measurement system modelling and analysis, mechanical measurements, motion measurement and control, signal conditioning, industrial and sensor networks, instrument design using Labview.

P: ENME313 or ENMT301

ENME427 Engineering Failure Analysis and Prevention

15 Points 0.1250 EFTS

This course examines various failure mechanisms, including corrosion, wear, stress corrosion and fatigue. Problem solving/mitigation methods such as FMEA and 5-Whys will be practiced. There is a significant laboratory component, in which students perform individual failure analysis projects that require competency on metallography, optical microscopy, hardness testing, scanning electron microscopy and energy dispersive X-ray spectroscopy. Hands-on experience will be gained.

P: (1) ENME207 and (2) ENME307, or equivalent or with instructor permission.

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENME427-22S2 (C) Semester 2

ENME451 Biomechanics

15 Points 0.1250 EFTS

This course will cover research techniques in biomechanics using data capture equipment and provides a framework in which to analyse movement, force generation, and physiology through an understanding of Cartesian vector analysis, analytical methods and tools for the analysis of the human body. Students will be equipped to make quantitative measurements and apply the principles of biomechanics to measuring performance.

P: ENME313

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENME451-22S2 (C) Semester 2

ENME460 Aerospace Propulsion

15 Points 0.1250 EFTS

Carrying out thermodynamic and flow analyses of engine components; understanding the aero-thermodynamic aspects of aircraft engine component design and their performance relationship.

P: Approval from Head of Department

R: ENME660

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENME460-22S2 (C) Semester 2

Limited entry. See limitation of entry regulations.

ENME465 Heating Ventilation and Air Conditioning (HVAC) Engineering

15 Points 0.1250 EFTS

This course is intended for students who are interested in the field of Building Services. The overall objective of this course is to prepare students for professional practice in the area of mechanical system design to satisfy the requirements for a comfortable, healthy, and productive indoor environment for commercial buildings. The course draws on previous student experiences in physics, thermodynamics, fluid mechanics, and heat and mass transfer. Upon completion of the course, students will possess the skills to calculate heating, cooling, and ventilation requirements for buildings, design and evaluate conventional HVAC systems to meet these requirements, and design and evaluate low energy systems for high performance buildings

P: UC MECH Students should have passed: ENME215, ENME315, ENME314. Students from other disciplines or other schools should have passed the courses that are covered in undergraduate level: Thermodynamics, Heat Transfer, Fluid Mechanics.

R: ENME665

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENME465-22S2 (C) Semester 2

ENME480 Independent Course of Study

15 Points 0.1250 EFTS

P: Subject to approval of the Head of Department

Domestic Fee: \$1,114 (2021)

International Fee: \$5,500 (2021)

ENME480-21SU2 (C) Summer (Nov 21)
ENME480-22S1 (C) Semester 1
ENME480-22W (C) Whole Year (S1 and S2)
ENME480-22S2 (C) Semester 2

ENME481 Special Topic

15 Points 0.1250 EFTS

Not offered in 2022

Special Topic

P: Approval from Head of Department

ENME483 Special Topic: HVAC Engineering

15 Points 0.1250 EFTS

Heat transfer, mass transfer, psychrometrics, building heating and cooling loads, thermal comfort, air conditioning systems, energy considerations.

P: ENME305 or (ENME215, ENME314 and ENME315)

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENME483-22S2 (C) Semester 2

ENME484 Special Topic: Industry 4.0: Intelligent Design and Manufacturing

15 Points 0.1250 EFTS

Understanding the drivers and enablers of Industry 4.0. Recognizing the opportunities and challenges, such as future of manufacturing, impacts of Industry 4.0. Understanding key technologies including AI and IIoT in Industry 4.0. Applying techniques in designing real applications in Industry 4.0.

P: ENME301, ENME311 or ENMT301

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENME484-22S1 (C) Semester 1

ENME486 Special Topic: Aerospace Structures

15 Points 0.1250 EFTS

Not offered in 2022

This course develops engineering analysis skills with focus on methods relevant to aerospace structures. This includes stress, strain, deflection, and stability analyses. It also includes understanding the loads experienced by aircraft and spacecraft. Major topics include: thin and rib-stiffened structures, light weight materials, energy methods, application of the finite element method, and airframe loads.

P: ENME302

ENME487 Special Topic: Biomaterials

15 Points 0.1250 EFTS

Not offered in 2022

Course provides a history of biomaterials through the lens of orthopaedic implants. Students will learn about various existing biomaterials used in the body, including metals, ceramics, and polymers, and will continue into novel biomaterials and emerging fields, such as additive manufacturing and how that influences medical device design.

P: ENME307

Postgraduate

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

ENME602 Advanced Vibrations and Acoustics

15 Points 0.1250 EFTS

Not offered in 2022

Vibrations of discrete and continuous systems, fundamental and modern acoustics.

P: Subject to approval of the Head of Department.

R: ENME402

RP: Bachelors degree in Engineering or equivalent

ENME603 Advanced Linear Systems Control and System Identification

15 Points 0.1250 EFTS

State-space modelling, solution and analysis of state-space equations. Control systems aspects include state feedback and pole placement, state estimation and optimal control. System identification, which is complementarily related to control systems design/analysis will develop and solve linear methods of model identification and creation from data.

P: Subject to approval of the Head of Department.

R: ENME403

RP: Bachelors degree in Engineering or equivalent

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENME603-22S1 (C) Semester 1

ENME604 Advanced Aerodynamics and Ground Vehicle Dynamics

15 Points 0.1250 EFTS

Aerofoil theory; Flat plate lift and drag; Aerofoil lift and drag; Predicting aerofoil data with Xfoil; Boundary layer theory; Aircraft performance; Stability and control in flight; Wind tunnel testing; Glider design, build and test; Propeller design; BEMT method; High speed (compressibility) effects; Wheeled ground vehicles: load transfer, tyre design, traction and rolling resistance, aerodynamics, suspension and steering

P: Subject to approval of the Head of Department.

R: ENME404

RP: Bachelors degree in Engineering or equivalent

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENME604-22S2 (C) Semester 2**ENME605 Advanced Energy Systems Engineering**

15 Points 0.1250 EFTS

Energy resources, conversion and management. Energy conservation in industrial, commercial and residential sectors. Advanced power cycles, energy analysis, thermal system modelling. Fuels and combustion, environmental aspects.

P: Subject to approval of the Head of Department.

R: ENME405, ENGR404

RP: Bachelors degree in Engineering or equivalent

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENME605-22S2 (C) Semester 2**ENME606 Advanced Engineering Product Design and Analysis**

15 Points 0.1250 EFTS

This course develops engineering design skills with a particular focus on the proficient use of modern CAD-integrated finite element analysis (FEA) tools for optimising product attributes. Modern CAD software is used to produce detailed part and assembly models, which students then analyse. Major topics include: fundamental principles of FEA, design of organic shapes by free-style CAD, CAD-integrated analysis (e.g. stress/strain, thermal loading, dynamics), non-linear analysis (with experimental validation), optimisation, user needs, and the recursive nature of the product design process.

P: Subject to approval of the Head of Department.

R: ENME406

RP: Bachelors degree in Engineering or equivalent

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENME606-22S2 (C) Semester 2**ENME607 Advanced Materials Science and Engineering**

15 Points 0.1250 EFTS

Materials processing; phase transformations in metals and alloys; aluminium and ferrous alloys.

P: Subject to approval of the Head of Department.

R: ENME407

RP: Bachelors degree in Engineering or equivalent

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENME607-22S1 (C) Semester 1**ENME609 Advanced Physiological Modelling**

15 Points 0.1250 EFTS

Not offered in 2022

A project-orientated introduction to dynamic modelling in physiology and the life sciences. Major topics include the modelling of the fluid flow, mass exchange and feedback auto-regulation as they are utilised throughout the human body. There is a particular focus on the cardiovascular (heart), renal (kidney) and cerebral systems (brain), representing three of the main organ groups in the human body, and in particular on how fundamental engineering sciences and mathematics can be used to model their behaviour to provide better understanding, as well as to engineer new therapies and medical detection methods.

P: Subject to approval of the Head of Department.

R: ENME409

RP: Bachelors degree in Engineering or equivalent

ENME611 Advanced Mechanical System Design

15 Points 0.1250 EFTS

Not offered in 2022

This course introduces students to the product innovation process and involves a series of lectures on specialist topics in design. Specialist topics include: hydraulic power systems; vibration isolation; design optimisation; similitude and scale modelling; risk & reliability. Students will learn to develop their ability in these specialist topics while completing two design assignments. The two assignments will involve engineering analysis in one or more of the specialist areas listed above. The results of this analysis will be used to evolve a design solution that solves a particular problem. Students will communicate their designs using: hand sketches; engineering drawings; calculations; and formal technical reports.

P: Subject to approval of the Head of Department.

R: ENME411

RP: Bachelors degree in Engineering or equivalent

ENME617 Advanced Composite, Polymeric and Ceramic Materials

15 Points 0.1250 EFTS

Not offered in 2022

This course is intended to reveal the correlation between structure and physical characteristics of plastics and composites necessary for appropriate material selection, design and processing. The course is concerned with the relationship between the structure, properties and processing of non-metallic materials (polymers, composites and ceramics)

P: Subject to approval of the Head of Department.

R: ENME417

RP: Bachelors degree in Engineering or equivalent

ENME618 Advanced Engineering Management and Professional Practice for Mechanical Engineers

15 Points 0.1250 EFTS

The development of engineering management skills is essential to practice as a professional engineer. Engineers carry out technical analyses, but technology is always embedded in the context of society, and usually also business. Engineers therefore need to be able to integrate their solutions and planning within these broader contexts. This course covers the main topics in engineering management and professional practice: project management, professional engineering competence and careers, environmental and societal dimensions, cultural and societal expectations, personal harm, health and safety, ethics, risk management, product liability, torts, managing people, team and conflict, structure of organisations, organisational change, managing a financial budget, cashflow, marketing, vision and strategy, intellectual property protection, entrepreneurship. The focus throughout the course is on the mechanical engineering contexts, including new product development and production engineering. The course develops students' ability to solve problems in these various other areas, and produce integrative solutions for prospective engineering ventures.

P: Subject to approval of the Head of Department.

R: ENME418

RP: Bachelors degree in Engineering or equivalent

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENME618-22S2 (C) Semester 2**ENME623 Advanced Instrumentation and Sensors**

15 Points 0.1250 EFTS

Not offered in 2022

Deepen and broaden education of Mechanical Engineering and Mechatronics Engineering in the essential elements of instrumentation and sensing technologies. Statistical techniques for measurement data analysis, measurement uncertainty analysis, measurement system modelling and analysis, mechanical measurements, motion measurement and control, signal conditioning, industrial and sensor networks, instrument design using Labview.

P: Subject to approval of the Head of Department.

R: ENME423

RP: Bachelors degree in Engineering or equivalent

ENME624 Special Topic: Life Cycle Analysis

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Head of Department.

*Limited entry. See limitation of entry regulations.***ENME625 Special Topic**

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Head of Department.

ENME651 Independent Course of Study: Geographic information systems for freight logistics

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Head of Department.

ENME652 Independent Course of Study: Discrete event simulation of freight logistics

15 Points 0.1250 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,114 (2021)

International Fee: \$5,500 (2021)

ENME652-21SU2 (C) Summer (Nov 21)

ENME660 Aerospace Propulsion

15 Points 0.1250 EFTS

Not offered in 2022

Carrying out thermodynamic and flow analyses of engine components; understanding the aero-thermodynamic aspects of aircraft engine component design and their performance relationship.

P: Approval from Head of Department.

R: ENME460

Limited entry. See limitation of entry regulations.

ENME675 Independent Course of Study

15 Points 0.1250 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENME675-22A (C) Starts Anytime**ENME675-22S1 (C) Semester 1****ENME675-22S2 (C) Semester 2****ENME680 Project**

60 Points 0.5000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$4,531 (2021)

International Fee: \$22,500 (2021)

ENME680-22A (C) Starts Anytime**ENME680-22W (C) Whole Year (S1 and S2)****ENME682 Special Topic in Mechanical Engineering - Project**

30 Points 0.2500 EFTS

P: Subject to approval of the Head of Department

Domestic Fee: \$2,266 (2021)

International Fee: \$11,250 (2021)

ENME682-22S1 (C) Semester 1**ENME682-22W (C) Whole Year (S1 and S2)****ENME682-22S2 (C) Semester 2****ENME690 ME Thesis**

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$8,697 (2021)

International Fee: \$45,000 (2021)

ENME690-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval.

ENME790 Mechanical Engineering PhD

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$8,697 (2021)

International Fee: \$45,000 (2021)

ENME790-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.

Media and Communication

Te Kura Mātāpuna Tangata | School of Language, Social and Political Sciences

COMS101 Media and Society

15 Points 0.1250 EFTS

COMS101 explores the relationship between society and media - including social media, print, broadcasting, and all kinds of online spaces. It asks how our understandings of the world and people around us are mediated, how media have shaped society, and how society is reflected and produced through media. We will explore topics like media audiences, technologies, ownership and work; the frames of representation, power, and identity; and analytical tools like semiotics, discourse, and narrative. COMS101 is a stage one course that does not require any prior media study, but it builds on everything you have ever watched, listened to, interacted with, and produced.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

COMS101-22S1 (C) Semester 1**COMS101-22S1 (D) Semester 1****COMS102 Introduction to News and Journalism**

15 Points 0.1250 EFTS

This course provides students with an understanding of the forces that shape the selection and presentation of news. It introduces significant theoretical approaches that seek to explain what is news and the criteria by which it is selected; it explores key aspects of the production of news and analyses specific areas of news (foreign, political, sport and crime) in more depth.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

COMS102-22S2 (C) Semester 2**COMS102-22S2 (D) Semester 2****COMS104 Introduction to Strategic Communication**

15 Points 0.1250 EFTS

This course examines the role of strategic communication in society as an economic and political force. Strategic communication attempts to persuade and argue for a particular position that one is advocating for - whether that be on behalf of a business, a governmental policy, or a social cause. Obvious examples from within media are public relations and advertising, however, this course will examine how sponsored messaging has affected social institutions, from education to politics to media to health to philanthropy. The second half of the course is focused on building the skills necessary to create effective strategic messages.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

COMS104-22S2 (C) Semester 2**COMS104-22S2 (D) Semester 2****COMS201 Media Audiences**

15 Points 0.1250 EFTS

How does our media consumption shape our opinions, actions, identities and lives? How do audiences influence the production and circulation of media? How do we create our own media presence online, and act as an audience for each other? This course will examine the relationship between audiences and media. We will discuss theory and research that represents audiences as passive consumers of media products, active decoders of media texts, producers of our own representations online, and participants in interactive media production. The course will look at a broad range of media forms (such as television, radio, film, the Internet, social networking, home theatre, cell phones and videogames), and content (including violence, music, reality television, soap operas, news, Facebook, Twitter, and blogs). "Media Audiences" will encourage you to reflect on your own relationship with media, and to consider the broader contexts that shape your listening, viewing, reading, and interaction. We will also be intertwining the theory of audiences with a 'live' research exercise which will guide you through the necessary steps to conducting your own research.

P: Any 15 points at 100 level from COMS or CULT, or any 60 points at 100 level from the Schedule V of the BA.

R: CULT201

EQ: CULT201

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

COMS201-22S2 (C) Semester 2**COMS201-22S2 (D) Semester 2****COMS204 Advertising and Cultural Consumption**

15 Points 0.1250 EFTS

Advertising has become a central component of our contemporary cultural environment that finances all of the communication industries. However, the effects of advertising may lie far outside only the funding of media systems. This course explores the increasingly strained relationship between advertising, consumerism, identity, the environment and citizenship. We'll take a critical approach to the most ubiquitous form of media messaging that exists: the advertisement.

P: Any 15 points at 100 level from COMS, or any 60 points at 100 level from the Schedule V of the BA.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

COMS204-22S1 (D) Semester 1**COMS204-22S1 (C) Semester 1****COMS205 Media and Politics**

15 Points 0.1250 EFTS

The course provides an understanding of the role of the media in domestic and international politics. It does this by analysing key theoretical assumptions and debates on the role of media institutions in the struggle for power domestically and internationally.

P: Any 15 points at 100 level from COMS or POLS, or any 60 points at 100 level from the Schedule V of the BA.

R: POLS232

EQ: POLS232

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

COMS205-22S1 (C) Semester 1**COMS205-22S1 (D) Semester 1**

COMS207 Social Media

15 Points 0.1250 EFTS

This course contains practical work in the community and groupwork. The course prepares students to do public communication in a rapidly changing media environment. The first half of the course explores how a range of social media platforms work and how professional communicators are attempting to use it. Topics include networks, convergence culture, privacy and new forms of public life. In the second half of the course students apply these ideas in small-group projects for a community organisation or company.

P: Any 15 points at 100 level from COMS or DIGI, or any 60 points at 100 level from the Schedule V of the BA.

R: COMS222 (2008-2012), DIGI207

EQ: DIGI207

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

COMS207-22S2 (C) Semester 2**COMS225 Politics and New Media**

15 Points 0.1250 EFTS

A Facebook profile is required to take part in this course. This course is being offered at two universities at once in Finland and Aotearoa New Zealand. Students will take part in discussions with students from the other university and will be taught by academics from each university, with a tutor and lecturer at Canterbury coordinating the local version of the course. The course studies the latest developments on how public life and politics are being shaped by web-based communication. You will be asked to think critically about the globalisation of politics online, about the divisions between haves and have nots and about the ways different groups pursue their agendas online.

P: Any 15 points at 100 level from COMS, or any 60 points at 100 level from any subject.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

COMS225-22SU1 (C) Summer (Jan 22)**COMS225-22SU1 (D) Summer (Jan 22)****COMS231 Digital Media Production**

15 Points 0.1250 EFTS

This practical course introduces students to foundational digital media skills and provides an overview of how to produce and package content for online and mobile platforms. Students will analyse current trends in media practice, create content across a range of media and media texts, and reflect on their own practice, including the ethical responsibilities of digital communication. This course is restricted to students enrolled in the Bachelor of Communication or Graduate Diplomas in Journalism or Strategic Communication.

P: 15 points COMS or 60 points BC Schedule V. HoD mandatory.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

COMS231-22S1 (C) Semester 1**COMS232 Risk and Crisis Communication**

15 Points 0.1250 EFTS

This applied course introduces students to a major area of the planning of communication, the management of risk. Theories of risk, crisis and the risk society are described, before the course focuses in detail on the practice of risk communication, including communication planning, crafting messages and involving communities in collective risk decision-making. Risks explored range from individuals' health and safety, disasters, reputational crises and pervasive risks such as climate change.

P: Any 15 points at 100 level from COMS, or either ENVR101 or GEO106, or any 60 points at 100 level from the Schedule V of the BA.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

COMS232-22S2 (C) Semester 2**COMS232-22S2 (D) Semester 2****COMS233 Media Law for Journalists**

15 Points 0.1250 EFTS

By the end of this course students are expected to have a basic understanding of the range and impact of laws and regulations restricting the media and journalists in New Zealand, including their underpinning principles.

P: Limited Entry: Subject to admission to the Journalism Major and permission from the Head of Department.

R: LAWS396

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

COMS233-22S2 (C) Semester 2*Limited entry. See limitation of entry regulations.***COMS304 Journalists at Work**

30 Points 0.2500 EFTS

Not offered in 2022

The practical work in this course involves producing a student-oriented magazine. Planning, researching and writing the magazine will be complemented by academic analysis of journalism as a practice and the role it plays in society and communities. Topics will include: journalists'

conception of their role, journalism ethics, community media, accountability and investigative reporting, celebrity journalism, longer-form journalism and sports journalism.

P: Any 30 points at 200 level from COMS, or any 60 points at 200 level from the Schedule V of the BA.

COMS305 Media and Social Change

30 Points 0.2500 EFTS

This course analyses the role of the media in social change and question whether media can, in fact, produce consensus within society, and if those changes are controllable by the artist/writer/producer, the audience, or the state. It does this by exploring theoretical underpinnings of societal shifts through the framework of the media as an important institution in society and in the construction of social reality. The course will invite students to further understand the role of the media in power relations by analysing such notions and processes as ideology, hegemony, representations, and media ethics.

P: Any 30 points at 200 level from COMS, or any 60 points at 200 level from the Schedule V of the BA.

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

COMS305-22S1 (C) Semester 1**COMS306 Media Communication in International Context**

30 Points 0.2500 EFTS

The course sets out to provide a critical insight and analysis into the role of media in contemporary international contexts. Its focus is on political communication during conflicts and wars, as well as its contribution to international collaborations and cross-border and cross-culture dialogues. Through a series of in-depth case studies, the course provides a comprehensive review of the key concepts and theories on the media's impact on, and role in international political communication.

P: Any 30 points at 200 level from COMS or POLS, or any 60 points at 200 level from the Schedule V of the BA.

R: POLS332

EQ: POLS332

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

COMS306-22S2 (C) Semester 2**COMS306-22S2 (D) Semester 2****COMS307 Broadcasting Aotearoa New Zealand: Online and On Air**

30 Points 0.2500 EFTS

Not offered in 2022

Broadcasting Aotearoa New Zealand explores the stories that are told about Aotearoa New Zealand on television and radio, and in web series, podcasts, and other digital spaces. The course explores the role broadcasting has played in shaping society and the ways in which society is reflected and produced in programming online and on air. COMS307 asks what are the bicultural histories and futures of Aotearoa New Zealand, and how might new, inclusive stories be told on a variety of platforms? In COMS307 you will develop a funding application for a television programme, web series, podcast, or interactive platform, and you will be able to relate your programme plan to the social, cultural, political, and economic histories and contexts of Aotearoa New Zealand.

P: Any 30 points at 200 level from COMS, or any 60 points at 200 level from the Schedule V of the BA.

R: COMS206

COMS320 Strategic Campaign Development

30 Points 0.2500 EFTS

This advanced course in strategic communication will start with a broad introduction of the process of strategic planning strategic communication. After that, a significant portion of the course will be devoted to different situations that a campaign creator may come across. The course will talk about theoretical and professional strategies in advertising and public relations. Students will learn ways to create different types of campaign messages.

P: Any 30 points at 200 level from COMS, or any 60 points at 200 level from the Schedule V of the BA.

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

COMS320-22S1 (C) Semester 1**COMS330 Communication in Context**

30 Points 0.2500 EFTS

This course enables students to put their professional knowledge into a broader context of the communication landscape and the wider social landscape. The course will be divided into a series of modules in which different aspects of the context will be studied. Students will develop competence to work in bicultural and global contexts, learn about the responsibilities of a good communication practitioner and be asked to reflect on the kind of role they wish to fill. This course is restricted to students enrolled in the Bachelor of Communication or Graduate Diplomas in Journalism or Strategic Communication.

P: 30 points COMS 200-level or 60 points BC Schedule V. HoD mandatory.

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

COMS330-22S1 (C) Semester 1

COMS331 Researching and Reporting News

30 Points 0.2500 EFTS

This course provides an introduction to the foundational skills and knowledge required for communicating news and information to various publics. Students will learn how to develop writing and multimedia skills to produce engaging digital content. They will also gain knowledge of their ethical responsibilities and learn to critically reflect on their own and others' media practice. The course combines analytical skills with practical experience, including fieldwork and internship opportunities, to help consolidate the links between theory and practice, and develop independence in professional work.

P: Limited Entry. (i) COMS 231, COMS 232, COMS 233. (ii) Permission from the Head of Department.
Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

COMS331-22S1 (C) Semester 1*Limited entry. See limitation of entry regulations.***COMS332 News Production**

30 Points 0.2500 EFTS

This course builds on the foundational skills and knowledge required for communicating news and information to various publics. Students will learn how to develop their reporting and multimedia skills to produce engaging digital content. They will also gain knowledge of their ethical responsibilities and learn to critically reflect on their own and others' media practice. The course combines analytical skills with practical experience, including fieldwork and internship opportunities, to help consolidate the links between theory and practice, and develop independence in professional work.

P: Limited Entry. (i) COMS 331 (ii) Permission from the Head of Department.

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

COMS332-22S2 (C) Semester 2*Limited entry. See limitation of entry regulations.***COMS333 Podcasting Project**

30 Points 0.2500 EFTS

The course will combine teaching on the development of podcasting as an extension of radio and a media form in its own right and modes of storytelling across media, theoretical exploration of audio storytelling, analysis of a wide range of podcast examples, technical training in audio recording and editing, and a student-project in which they will develop and produce a podcast of their own.

P: 15 points at 200-level in COMS. Students without this prerequisite but with at least a B average in 60 points of relevant courses, may enter the course with the approval of the Department Co-ordinator or the Undergraduate Co-ordinator for COMS.

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

COMS333-22S2 (C) Semester 2**PACE395 Internship**

30 Points 0.2500 EFTS

What can you do with your major? With your degree? The purpose of the internship course is to explore both the ideological and practical assumptions guiding this question. The course is designed to be a critical, theoretical and "real-world" examination of the practices and ideologies inherent in both community and business organisations. You will apply the analytical skills acquired through your major, and through class seminars and readings, to a project designed by a local company or community group. Please check out the website for further information and specific project descriptions: www.arts.canterbury.ac.nz/internships

P: 150 points, special application and interview, and permission of the Internship Director.

R: ARTS395

EQ: ARTS395

Domestic Fee: \$1,570 (2021)

International Fee: \$7,000 (2021)

PACE395-21SU2 (C) Summer (Nov 21)**PACE395-22A (C) Starts Anytime****PACE395-22S1 (C) Semester 1****PACE395-22S2 (C) Semester 2***Limited entry. See limitation of entry regulations. A student will be selected for a specific project.**Only students accepted for projects will be allowed into the course. Please go to <http://www.arts.canterbury.ac.nz/internships> for more information.***Postgraduate**

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

COMS401 Media Research

30 Points 0.2500 EFTS

Not offered in 2022

In COMS401 you will learn how to carry out research in Media and communication fields. This includes the major research methods used in media research for academic, public and commercial purposes. You will learn the purpose and role of different media research methods, ethical practices, Kaupapa Māori practice, and how research relates to different communities. In class and in assessments we will approach media research as a collaborative process, engaging with a collectively agreed research topic.

P: Subject to approval of the Head of Department.

RP: Have qualified for a Bachelor's degree (with at least a B average in 300-level courses); or have qualified for a Bachelor's degree and provided evidence to the satisfaction of the Dean of Arts and Head of Department of relevant professional or other work experience

COMS407 Communicating Through Independent Media

30 Points 0.2500 EFTS

Not offered in 2022

The course aims to equip students with an understanding of independent media within democracies. It provides students with the critical skills to analyse the economics of mainstream media and the impact of independent media on government policy, mainstream media, and social change.

P: Entry is subject to approval of the Head of Department.

RP: have qualified for a Bachelor's degree (with at least a B average in 300-level courses); or have qualified for a Bachelor's degree and provided evidence to the satisfaction of the Dean of Arts and Head of Department of relevant professional or other work experience

COMS408 Communication Ethics

30 Points 0.2500 EFTS

This course introduces students to a range of ethical frameworks by which to study the responsibilities of media producers, the tenor of the relationships enabled by their textual practices, the quality of public spaces opened up in public communication and the social impact of mediated communication.

P: Subject to approval of the Head of Department.

R: COMS422, PHIL469

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

COMS408-22S1 (C) Semester 1**COMS408-22S1 (D) Semester 1****COMS420 Public Diplomacy**

30 Points 0.2500 EFTS

Public diplomacy relates to efforts by state and non-state actors to influence public opinion in other countries. With the growth of soft power and new media and information technologies, public diplomacy is considered to be of growing importance in international relations. This course reviews the emerging theoretical literature on public diplomacy and a number of case studies on how different states and multilateral organisations have used public diplomacy in recent years to improve their international image.

P: Subject to approval of the Programme Coordinator.

R: DIP430, POLS430

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

COMS420-22S2 (C) Semester 2**COMS421 Strategic Communication Theory and Application**

30 Points 0.2500 EFTS

This course will talk about theories and research about different aspects in the process of strategic communication, including the groups/organizations, targets of the messages, the media outlet for the messages. How the theories can be applied in real-life situations will be explored, including professional strategies in advertising and public relations. Ethical practices in the professional environment will be discussed.

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

COMS421-22S1 (C) Semester 1**COMS425 Campaign Planning with Social Data Analysis**

30 Points 0.2500 EFTS

This is a course about planning media campaigns, in particular, it focuses on the use of social data analysis in planning campaigns. The course will introduce what campaigns are, their purposes and effects, their importance in the society, and the strategies of developing a media advocacy plan. A significant portion of the course will be about the use of social data analysis, including big data and social network analysis, in informing and evaluating campaigns. Students will be given opportunities to manage social data and develop their campaign plans according to their interests based on the data. Such plans can be related to social policies, public health and safety, human rights, etc., and can be delivered through different communication channels including traditional mass media and social media. Controversies around the ethical uses of social data for campaign planning will be discussed, and students will need to identify ethical practices of using the data.

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

COMS425-22S2 (C) Semester 2

Mechatronics Engineering

COMS450 Media Research Methods

30 Points 0.2500 EFTS

Not offered in 2022

In COMS450 you will learn how to carry out research in Media and communication fields. This includes the major research methods used in media research for academic, public and commercial purposes. You will learn the purpose and role of different media research methods, ethical practices, Kaupapa Māori practice, and how research relates to different communities. In class and in assessments we will approach media research as a collaborative process, engaging with a collectively agreed research topic.

P: Subject to approval of the Head of Department.

R: COMS401

COMS480 Research Topic

30 Points 0.2500 EFTS

A research paper, that shall not normally exceed 10,000 words, on an aspect of Mass Communication which must be submitted in the year of enrolment unless an extension is approved by the Head of Department.

P: Subject to approval of the Programme Co-ordinator.

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

COMS480-22S1 (C) Semester 1

COMS480-22S2 (C) Semester 2

COMS650 MA Dissertation

60 Points 0.5000 EFTS

MA Dissertation

P: Subject to approval of the Head of Department.

Domestic Fee: \$3,610 (2021)

International Fee: \$16,500 (2021)

COMS650-22A (C) Starts Anytime

COMS650-22S1 (C) Semester 1

COMS650-22S2 (C) Semester 2

COMS690 MA Thesis

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$7,220 (2021)

International Fee: \$33,000 (2021)

COMS690-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval.

COMS692 Dissertation in Professional Communication

60 Points 0.5000 EFTS

Students will complete a dissertation, normally 15,000 - 20,000 words in length, on a topic of their choice, under academic supervision.

P: Subject to approval of the Head of Department.

Domestic Fee: \$3,874 (2021)

International Fee: \$16,500 (2021)

COMS692-22A (C) Starts Anytime

COMS790 Media and Communication PhD

120 Points 1.0000 EFTS

P: Subject to approval by the Head of Department.

Domestic Fee: \$7,220 (2021)

International Fee: \$33,000 (2021)

COMS790-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.

Mechatronics Engineering

Department of Mechanical Engineering

ENMT211 Principles of Mechatronics

15 Points 0.1250 EFTS

Introduction to Mechatronics Engineering as a discipline. Fundamentals of sensors, actuators, instrumentation, and control systems and communications systems, and how they can be integrated to form a Mechatronics system.

P: Subject to the approval of the Dean of Engineering

R: ENMT201

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENMT211-22S1 (C) Semester 1

ENMT221 Mechatronics Design 1

15 Points 0.1250 EFTS

Introduction to Mechatronics Engineering Design. Fundamentals of the design and manufacturing processes and the tools used in these processes, including engineering drawings, CAD, rapid prototyping.

P: ENMT211

R: ENMT201

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENMT221-22S2 (C) Semester 2

ENMT401 Mechatronics Honours Research and Development Project

30 Points 0.2500 EFTS

Capstone research and development project. Students apply knowledge and skills to solve real-life engineering problems; develop professional problem-solving skills and independent research ability.

P: ENMT301, ENME303, ENME302, ENCE361, ENEL372

Domestic Fee: \$2,266 (2021)

International Fee: \$11,250 (2021)

ENMT401-22W (C) Whole Year (S1 and S2)

ENMT401-22S2 (C) Semester 2

ENMT482 Robotics

15 Points 0.1250 EFTS

This course is structured as two parts: (1) articulated robot manipulators and (2) autonomous mobile robotics. Articulated manipulators form an important class of robots that are commonly used in industrial situations. The purpose of this part of the course is to introduce students to fundamental concepts of geometry, kinematics, dynamics, and control of robotic systems allowing students to model and analyse a robot manipulator. The autonomous mobile robotics part of the course is an introduction to the probabilistic robotics techniques that underpin self-driving cars and other autonomous robots. This course is project-based and students will be given the opportunity to apply the material in both simulation and with real industrial and research robots through project work.

P: ENME403

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENMT482-22S2 (C) Semester 2

Medical Physics

Te Kura Matū | School of Physical and Chemical Sciences

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

MDPH401 Anatomy and Physiology

15 Points 0.1250 EFTS

Human anatomy, physiology, pathophysiology, cell biology, cancer, physiological measurement, medical terminology.

P: ENME311 or ENME351, or subject to approval of the Head of Department.

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

MDPH401-22S1 (C) Semester 1

MDPH402 Nuclear Medicine

15 Points 0.1250 EFTS

Radioactive decay and the choice of radionuclides, radiopharmaceuticals, imaging systems in nuclear medicine, diagnostic applications of nuclear medicine, radiation protection.

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

MDPH402-22S2 (C) Semester 2

MDPH403 Radiation Physics

15 Points 0.1250 EFTS

Ionising radiation, interactions, energy deposition, nuclear models, radiation units, radiation generation, and isotope production.

P: Subject to approval of the Head of Department

R: PHYS403

EQ: PHYS403

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

MDPH403-22S1 (C) Semester 1

MDPH404 Radiation Biology

15 Points 0.1250 EFTS

Radiation measurement, radiation biology, carcinogenesis, ICRP system of radiation protection, radiation safety.

P: Subject to approval of the Head of Department

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

MDPH404-22S1 (C) Semester 1**MDPH405 Radiation Therapy**

15 Points 0.1250 EFTS

Radiotherapy equipment, calibration, phantoms, radiotherapy dosimetry, beam data, beam modifiers, patient positioning, quality assurance.

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

MDPH405-22S2 (C) Semester 2**MDPH406 Medical Imaging**

15 Points 0.1250 EFTS

Radiographic practice and terminology, image perception, x-ray, fluoroscopy, CT, MRI, ultrasound, digital radiographic image measurement, patient dosimetry, occupational radiation dose factors, quality assurance.

P: Subject to approval of the Head of Department.

EQ: PHYS406

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

MDPH406-22S2 (C) Semester 2**MDPH407 Research Tools**

15 Points 0.1250 EFTS

This course is preparation for research in the Medical Physics area and includes modules on writing, presentation and typesetting skills, programming, statistics, data analysis, optimization, medical treatment planning and Monte Carlo modelling of radiation transport.

P: Subject to approval of the Head of Department

R: PHYS407

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

MDPH407-22W (C) Whole Year (S1 and S2)**MDPH407-22S1 (C) Semester 1****MDPH408 Special Topic**

15 Points 0.1250 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

MDPH408-22S1 (C) Semester 1**MDPH409 Special Topic**

15 Points 0.1250 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

MDPH409-22S2 (C) Semester 2**MDPH410 Special Topic**

15 Points 0.1250 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

MDPH410-22S2 (C) Semester 2**MDPH480 Medical Physics Research Project**

30 Points 0.2500 EFTS

An independent research project in Medical Physics for 400-level students

P: Entry subject to approval of the Head of Department

Domestic Fee: \$2,168 (2021)

International Fee: \$10,000 (2021)

MDPH480-22A (C) Starts Anytime**MDPH690 MSc Thesis for Medical Physics**

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$8,172 (2021)

International Fee: \$40,000 (2021)

MDPH690-22A (C) Starts Anytime*Part-time enrolment (0.65 EFTS) is available on approval.***MPHC690 MSc Thesis for Medical Physics (Clinical)**

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$8,172 (2021)

International Fee: \$40,000 (2021)

MPHC690-22A (C) Starts Anytime*Part-time enrolment (0.65 EFTS) is available on approval.***MDPH790 Medical Physics PhD**

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$8,172 (2021)

International Fee: \$40,000 (2021)

MDPH790-22A (C) Starts Anytime*Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.***MPHC790 Medical Physics (Clinical) PhD**

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$8,172 (2021)

International Fee: \$40,000 (2021)

MPHC790-22A (C) Starts Anytime*Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Microbiology

Te Kura Pūtaiao Koiora | School of Biological Sciences*Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.***MBIO480 Project**

30 Points 0.2500 EFTS

A written report on a research project approved by the Head of Department. The report must be completed and presented to the Registrar by 1 November in the year in which the student presents the courses selected from BIOL434-493

P: Subject to approval of the Head of School.

Domestic Fee: \$2,168 (2021)

International Fee: \$10,000 (2021)

MBIO480-22W (C) Whole Year (S1 and S2)**MBIO690 MSc Thesis**

120 Points 1.0000 EFTS

P: Subject to approval of the Head of School.

Domestic Fee: \$8,172 (2021)

International Fee: \$40,000 (2021)

MBIO690-22A (C) Starts Anytime*Part-time enrolment (0.65 EFTS) is available on approval.***MBIO790 Microbiology PhD**

120 Points 1.0000 EFTS

P: Subject to approval of the Head of School.

Domestic Fee: \$8,172 (2021)

International Fee: \$40,000 (2021)

MBIO790-22A (C) Starts Anytime*Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Music

Te Kura Puoro | School of Music

MUSA100 Essentials in Music Techniques

15 Points 0.1250 EFTS

This course provides students with a fundamental understanding of harmonic, rhythmic and melodic notation, and develops aural skills with a basic competence in rhythmic and melodic dictation, sight-singing and sight-reading, and essential harmony.

R: MUS107

Domestic Fee: \$892 (2021)

International Fee: \$4,313 (2021)

MUSA100-22S1 (C) Semester 1

MUSA101 Musicianship, Harmony and Analysis 1

15 Points 0.1250 EFTS

This course develops competence in rhythmic, melodic and simple harmonic procedures, fundamental music analysis techniques, sight-singing and sight-readings skills and simple harmonizations using keyboard or guitar.

P: MUSA100 or equivalent preparation approved by the Head of School

R: MUS112, MUS171

Domestic Fee: \$892 (2021)

International Fee: \$4,313 (2021)

MUSA101-22S2 (C) Semester 2

MUSA110 Composer's Toolbox

15 Points 0.1250 EFTS

Not offered in 2022

MUSA110 introduces a range of skills and techniques relevant to the composition of contemporary art music, including notational conventions, musical transformation techniques, and approaches to structuring. Students will prepare and present a portfolio of compositions in collaboration with student performers, while receiving guidance from upper-level composition students and School of Music teaching staff.

P: MUSA100

R: MUSA210

MUSA112 Current Trends in Composition

15 Points 0.1250 EFTS

A survey of techniques and trends in post-tonal music, with an emphasis on present-day repertoire. The course aims to give a global perspective on the plurality of evolving cultures of contemporary art music that exist today. From this perspective the student can take their first steps, or further steps, towards identifying their own unique voice and finding their place in the world of contemporary music. Advanced concepts in musical materials, transformation, development, handling of form, and instrumental performance techniques, are also taught.

P: MUSA100

R: MUSA212

Domestic Fee: \$892 (2021)

International Fee: \$4,313 (2021)

MUSA112-22S2 (A) Semester 2

MUSA114 Techniques of Song Writing

15 Points 0.1250 EFTS

MUSA114 teaches foundational techniques in popular song writing. Topics include creating memorable melodies, effective harmonization and use of common chord progressions, creating and developing compelling lyric concepts, and managing sectional forms. Students hone their writing skills while preparing a portfolio of songs.

R: MUSA214

Domestic Fee: \$892 (2021)

International Fee: \$4,313 (2021)

MUSA114-22S2 (A) Semester 2

MUSA115 Song Writing in Practice

15 Points 0.1250 EFTS

Not offered in 2022

MUSA115 surveys current trends and practices in song writing from a global perspective. Students prepare a portfolio of songs while learning about present-day applications of traditional techniques. Contextual listening analyses provide a platform to sharpen critical listening skills while preparing a portfolio of original songs. There are no limitations on the genre of music that students can write, all styles and perspectives are welcome.

R: MUSA120, MUSA215

MUSA120 Songwriting 1

15 Points 0.1250 EFTS

This course deals with the basics of song-writing including creative approaches to song writing, song notation skills, listening-based analytic techniques of songs from a wide repertoire.

Domestic Fee: \$892 (2021)

International Fee: \$4,313 (2021)

MUSA120-22S2 (C) Semester 2

MUSA121 Composition 1A

15 Points 0.1250 EFTS

Not offered in 2022

Developing students' skills in creating and notating contemporary art music for live performance (vocal and instrumental), and building knowledge of compositional techniques and procedures.

P: Subject to approval of Head of New Music.

R: MUS117

MUSA125 Music Technologies

15 Points 0.1250 EFTS

Development of knowledge of Digital Audio Workstations (DAWs) and the fundamentals of using computers for digital sampling, mixing and editing. Developing skills in the use of computer-based music notation technologies.

R: MUS1125, DIG1125

Domestic Fee: \$892 (2021)

International Fee: \$4,313 (2021)

MUSA125-22S1 (C) Semester 1

MUSA128 Home Audio Production

15 Points 0.1250 EFTS

Not offered in 2022

In this course students will learn how to create their own music and audio content in a home studio, and prepare it for. The course is aimed at anyone interested in honing their knowledge of music production using readily available tools. This might include (but is not limited to) podcasters or video bloggers looking to enhance the quality and impact of audio materials, singer songwriters who want to record and produce their own music, or bedroom producers who want to create their own tracks at home. No prior experience in audio production or music is required, and all equipment required is provided for the duration of the course. Skills taught include Digital Audio Workstation operation, field recording, equalization and dynamics processing, editing, mixing, and preparing digital files for upload or delivery. The course will be taught using industry standard software and hardware, but the skills are transferable to any situation.

MUSA131 Songs, Symphonies and Samples: Music in a Changing World

15 Points 0.1250 EFTS

Not offered in 2022

This course provides a topic-based approach to music history, focusing on issues including cultures of print, authenticity, technological change, the relationship of the past to the present, and the patronage and funding of music.

R: MUS131

MUSA132 World Music

15 Points 0.1250 EFTS

This course explores musical traditions from a range of geographical regions, and provides an introduction to key concepts for the study of ethnomusicology.

R: MUSA232, and MUSA332

Domestic Fee: \$892 (2021)

International Fee: \$4,313 (2021)

MUSA132-22S1 (C) Semester 1

MUSA141 Performance

15 Points 0.1250 EFTS

Students develop technical skills in an instrument or voice, music knowledge and understanding through performance on an instrument or with voice, and develop a knowledge of the repertoire for that specific instrument or voice. This course is only available to students in the Mus.B.

P: Subject to approval of the Head of School following an audition.

R: MUS141

Domestic Fee: \$892 (2021)

International Fee: \$4,313 (2021)

MUSA141-22S1 (A) Semester 1

MUSA142 Performance Major 1B

15 Points 0.1250 EFTS

This course builds on MUSA 141 to provide students with further technical skills, musical knowledge and understanding through performance on an instrument or with voice. Students will gain further knowledge of the repertoire for their particular instrument and undertake a concert performance at the end of the semester. This course is only available to students in the Mus.B.

P: MUSA141
 R: MUSI 141
 Domestic Fee: \$892 (2021)
 International Fee: \$4,313 (2021)
MUSA142-22S1 (A) Semester 1
MUSA142-22S2 (A) Semester 2

MUSA143 Performance (Secondary)

15 Points 0.1250 EFTS
 This course enables students to develop technical skills in an instrument or voice, music knowledge and understanding through performance on an instrument or with voice, and develop knowledge of the repertoire for that specific instrument or voice. It is designed for students from a non-Performance major (or a non-music degree), or for Performance Major students who wish to study a relevant second instrument (or possibly voice).

P: Subject to approval of the Head of School following an audition.

R: MUSI140
 Domestic Fee: \$892 (2021)
 International Fee: \$4,313 (2021)

MUSA143-22W (A) Whole Year (S1 and S2)

MUSA150 Music in Aotearoa New Zealand

15 Points 0.1250 EFTS

Not offered in 2022

A broad-genre approach to the history of music in and of Aotearoa New Zealand, with particular emphasis on notions of identity in a bicultural society, musical identity, sound and place.

R: CULT150
 EQ: CULT150

MUSA151 The Music Industry

15 Points 0.1250 EFTS

Not offered in 2022

This course is designed for musicians who seek to understand the current state of the music industry and learn principles of marketing for musicians. The course covers application processes and funding structures, basic business skills for musicians, and the issues associated with copyright and the internet-based dissemination of music.

MUSA152 Acoustics and Recording Techniques

15 Points 0.1250 EFTS

This course provides an introduction to the principles and vocabulary of acoustics, an appreciation of how acoustic signals are converted to digital, familiarisation with the common vocabulary of Digital Audio Workstations (DAWs) and recording terminology, and understanding of the principles of microphone placement, and of how to work with a recording engineer.

R: MUSI 180
 Domestic Fee: \$892 (2021)
 International Fee: \$4,313 (2021)

MUSA152-22S2 (C) Semester 2

MUSA190 Chamber Choir 1

15 Points 0.1250 EFTS

Not offered in 2022

This course develops sophisticated choral singing skills, good rehearsal techniques and discipline, and diction in English and other languages. Public performances are a part of this course.

P: Subject to approval of the Head of School following an audition.

R: MUSI 192

MUSA193 Ensemble 1

15 Points 0.1250 EFTS

MUSA193 aims to develop students' performance and rehearsal skills in one or more music ensembles ranging from large, such as orchestra (UC-CYO) or UC gamelan ensemble, to small ensembles such as three-piece contemporary bands or chamber groups.

P: Applicants will either be accepted on the basis of their audition for Performance courses, or on the basis of a successful short audition with the Course co-ordinator or their delegate.

R: MUSA191, MUSA192, MUSI142, MUSI143, MUSI144, MUSI145, MUSI194, MUSI198.

Domestic Fee: \$892 (2021)
 International Fee: \$4,313 (2021)

MUSA193-22W (A) Whole Year (S1 and S2)

MUSA200 Musicianship, Harmony and Analysis 2

15 Points 0.1250 EFTS

This course develops skill in rhythmic, melodic and harmonic procedures, further music analysis techniques, sight-singing and sight-reading skills, including inner parts and counter-rhythms and extended harmonizations using keyboard or guitar.

P: MUSA101
 R: MUSI 220
 Domestic Fee: \$892 (2021)
 International Fee: \$4,313 (2021)

MUSA200-22S1 (C) Semester 1

MUSA201 Harmony and Score-Reading

15 Points 0.1250 EFTS

This course will enable students to develop aural and notation skills in complex rhythmic, melodic and harmonic processes and skills in music analysis techniques including the analysis of orchestral scores. Students will also learn to conduct from a four-part score and/or perform a simple keyboard reduction from an orchestral score.

P: MUSA200
 R: MUSI 271
 Domestic Fee: \$892 (2021)
 International Fee: \$4,313 (2021)

MUSA201-22S2 (C) Semester 2

MUSA210 Composer's Toolbox

15 Points 0.1250 EFTS

Not offered in 2022

MUSA210 introduces a range of skills and techniques relevant to the composition of contemporary art music, including notational conventions, musical transformation techniques, and approaches to structuring. Students will prepare and present a portfolio of compositions in collaboration with student performers, while receiving guidance from upper-level composition students and School of Music teaching staff. They will also have the opportunity to mentor students enrolled in MUSA110.

P: MUSA100; and one of MUSA112, MUSA114 or MUSA115.

R: MUSA110, MUSA222

MUSA211 Composition Studio

15 Points 0.1250 EFTS

MUSA211 presents a range of approaches to working with musical materials across musical genres. Students learn about aspects of computer assisted composition, principles of vocal writing, high level structuring processes, scoring for Taonga Puoro, and explore ways to incorporate these into their own creative practice. Students at 200 level gain mentoring experience of 100 level composers and song writers.

P: MUSA100 and one of MUSA110, MUSA112, MUSA114 or MUSA115

R: MUSA311
 Domestic Fee: \$892 (2021)
 International Fee: \$4,313 (2021)

MUSA211-22S1 (A) Semester 1

MUSA212 Current Trends in Composition

15 Points 0.1250 EFTS

A survey of techniques and trends in post-tonal music, with an emphasis on present-day repertoire. The course aims to give a global perspective on the plurality of evolving cultures of contemporary art music that exist today. From this perspective the student can take their first steps, or further steps, towards identifying their own unique voice and finding their place in the world of contemporary music. Advanced concepts in musical materials, transformation, development, handling of form, and instrumental performance techniques, are also taught.

P: MUSA100; and one of MUSA110, MUSA114, MUSA115

R: MUSA112
 Domestic Fee: \$892 (2021)
 International Fee: \$4,313 (2021)

MUSA212-22S2 (A) Semester 2

MUSA213 Composition in Context

15 Points 0.1250 EFTS

Not offered in 2022

MUSA213 explores practical applications of advanced compositional concepts in a variety of situations. Students learn about working with sound and images in different artistic contexts; study the pivotal role of timbre in certain genres of popular, contemporary art music, and Taonga Puoro; and explore approaches to combining electronic and instrumental sounds. Students at 200 level gain mentoring experience of 100 level composers and song writers.

P: MUSA100 and one of MUSA110, MUSA112, MUSA114 or MUSA115

R: MUSA313

MUSA214 Techniques of Song Writing

15 Points 0.1250 EFTS

MUSA214 teaches foundational techniques in popular song writing. Topics include creating memorable melodies, effective harmonization and the use of common chord progressions, creating and developing compelling lyric concepts, and managing sectional forms. Students hone their writing skills while preparing a portfolio of songs. Students will also gain experience mentoring song writers enrolled in MUSA114.

P: MUSA100; and one of MUSA110, MUSA112, MUSA115 or MUSA213

R: MUSA114, MUSA220
 Domestic Fee: \$892 (2021)
 International Fee: \$4,313 (2021)

MUSA214-22S2 (A) Semester 2

MUSA215 Song Writing in Practice

15 Points 0.1250 EFTS

Not offered in 2022

MUSA215 surveys current trends and practices in song writing from a global perspective. Students prepare a portfolio of songs while learning about present-day applications of traditional techniques. Contextual listening analyses provide a platform to sharpen critical listening skills while preparing a portfolio of original songs. There are no limitations on the genre of music that students can write, all styles and perspectives are welcome. Students will have the opportunity to mentor song writers enrolled in MUSA115.

P: MUSA100 and one of MUSA110, MUSA112, MUSA114

R: MUSA115

MUSA220 Song Writing 2

15 Points 0.1250 EFTS

Not offered in 2022

Further development of song-writing skills: creative approaches, notation skills, text setting, poetry, word painting, covers and stylistic vocabulary.

P: MUSA120

MUSA224 Orchestration and Arranging

15 Points 0.1250 EFTS

This course will assist students to further develop skills in instrumentation and scoring for combinations of instruments, writing arrangements for small ensembles, using virtual instruments, and scoring for film.

P: Either MUSA100 or MUSA101

R: MUSI224

Domestic Fee: \$892 (2021)

International Fee: \$4,313 (2021)

MUSA224-22S1 (C) Semester 1**MUSA226 The Creative Sound Studio**

15 Points 0.1250 EFTS

Not offered in 2022

This course teaches students the techniques required to create musical works using the computer as a musical tool.

P: MUSA125

MUSA228 Audio Production

15 Points 0.1250 EFTS

Not offered in 2022

In this course students will learn how to create their own music and audio content in a music production studio, and prepare it for delivery on streaming or other web-based platforms. The course is aimed at anyone interested in honing their knowledge of music production using readily available tools. This might include (but is not limited to) podcasters or video bloggers looking to enhance the quality and impact of audio materials, singer songwriters who want to record and produce their own music, or bedroom producers who want to create their own tracks at home. Skills taught include Digital Audio Workstation operation, field recording, equalization and dynamics processing, editing, mixing, and preparing digital files for upload or delivery. The course will be taught using industry standard software and hardware, but the skills are transferable to any situation.

P: MUSA125

R: MUSA128

MUSA229 Introduction to Game Audio

15 Points 0.1250 EFTS

Learn foundation skills in sound design and music for games. The course will survey current industry practices, and students will gain knowledge of a variety of approaches to audio creation, editing and integration into video games. No prior experience in music, sound, or game design is required.

P: Any 60 points at 100 level, and HOD permission.

R: PROD229

Domestic Fee: \$877 (2021)

International Fee: \$4,200 (2021)

MUSA229-21SU2 (C) Summer (Nov 21)**MUSA229-22S2 (C) Semester 2****MUSA231 Western Music of Past Ages**

15 Points 0.1250 EFTS

This course fosters students' understanding of music in the Western classical tradition, including chamber music, orchestral music, church music, and opera. Students will gain an appreciation of musical style, national identity, and the relationship between music, society, and culture.

P: MUSA131 or MUSA132, or 60 points at 100 level from the Schedule V of the MusB or Schedule V of the BA.

R: MUSA 331

Domestic Fee: \$892 (2021)

International Fee: \$4,313 (2021)

MUSA231-22S2 (C) Semester 2**MUSA232 Musics of the World**

15 Points 0.1250 EFTS

Not offered in 2022

This course explores musical traditions from a range of geographical regions, and provides an introduction to key concepts for the study of ethnomusicology.

P: MUSA131, or 60 points at 100 level from the Schedule V of the MusB or Schedule V of the BA.

R: MUSA 332

MUSA233 Popular Music in Context

15 Points 0.1250 EFTS

Not offered in 2022

An exploration of contemporary popular music styles from a range of genres, and their historical significance and wider contexts, including music for film and television, and the rise of music video.

P: MUSA131 or MUSA132, or 60 points at 100 level from the Schedule V of the MusB or Schedule V of the BA.

R: MUSA 333, CULT233

EQ: CULT233

MUSA234 Contemporary Music

15 Points 0.1250 EFTS

Not offered in 2022

An exploration of various 20th and 21st century Western art music styles and techniques. The course includes score analysis and aural recognition, and covers technological developments, political and social upheavals and the effects of these on composers and their output.

P: MUSA131 or MUSA132, and either MUSA100 or MUSA101.

R: MUSA 334

MUSA236 Hip Hop Revolution

15 Points 0.1250 EFTS

Not offered in 2022

This course examines the emergence of Hip Hop music and traces its development to become today's most popular music genre. Students will explore Hip Hop's key elements of dance, graffiti, rap, and DJ-ing. The course will outline the various ways in which Hip Hop culture has influenced modern music, fashion, and politics.

P: Any 45 points at 100 level

MUSA237 Music in Context: Church, State, Community

15 Points 0.1250 EFTS

This course examines the relationship between music and the communities that create and receive it. A diverse range of examples historical and contemporary are explored as case studies.

P: Any 45 points

R: MUSA337

Domestic Fee: \$892 (2021)

International Fee: \$4,313 (2021)

MUSA237-22S2 (C) Semester 2**MUSA241 Performance Major 2A**

15 Points 0.1250 EFTS

Performance work involving weekly individual lessons, performance classes and ensemble training in an approved instrument or in voice.

P: MUSA142 with a C grade or higher, or MUSA143 with an A grade or higher, and at least 15 points from MUSA100, MUSA101, MUSA120, MUSA121, MUSA125, and approval of the Head of School.

R: MUSI 241

Domestic Fee: \$892 (2021)

International Fee: \$4,313 (2021)

MUSA241-22S1 (A) Semester 1**MUSA242 Performance Major 2B**

15 Points 0.1250 EFTS

Performance work involving weekly individual lessons, performance classes and ensemble training in an approved instrument or in voice.

P: MUSA241

R: MUSI 241

Domestic Fee: \$892 (2021)

International Fee: \$4,313 (2021)

MUSA242-22S2 (A) Semester 2

MUSA243 Performance (Secondary)

15 Points 0.1250 EFTS

This course aims to further develop technical skills in an instrument or voice, either for students from a non-Performance major (or a non-music degree), or for Performance Major students who wish to study a relevant second instrument (or possibly voice).

P: MUSA143

R: MUSI 240

Domestic Fee: \$892 (2021)

International Fee: \$4,313 (2021)

MUSA243-22W (A) Whole Year (S1 and S2)**MUSA244 The Art of Accompaniment**

15 Points 0.1250 EFTS

Not offered in 2022

Further development of sight-reading and accompaniment skills on a keyboard instrument.

P: At least 45 points of Music at 100-level, and subject to approval of the Head of Performance.

R: MUSI297

MUSA250 Music in our Community

15 Points 0.1250 EFTS

This course facilitates a deeper understanding of music-making in local and virtual communities alongside developing students' self-reflection as emerging professional musicians. Students develop their knowledge and understanding of bicultural aspects of music-making in our communities, build resilience and future-focused career development, enhance cultural understandings of and respect for self and 'other', and engage reflectively in community music-making activities.

P: Any 30 points at 100 level from MUSA.

Domestic Fee: \$892 (2021)

International Fee: \$4,313 (2021)

MUSA250-22S2 (C) Semester 2**MUSA251 Studio Pedagogy**

15 Points 0.1250 EFTS

Not offered in 2022

This course studies educational principles and their application in an instrumental or vocal studio setting, and best practice models for establishing the physical and business aspects of private studio teaching.

P: MUSA100 or MUSA101

R: MUSI 297

MUSA252 Kapa Haka - Introducing Māori Performing Arts

15 Points 0.1250 EFTS

Designed for Māori and non-Māori, performance competent and new learners, language and non-language students this course takes the class on a journey of exploration to a high level of performance studying the mythological and traditional origins and tikanga of performing arts, moteatea (traditional song), poi (ball dance), waiata ā-ringā (action song), haka and the art of warfare, mau rakau (weaponry - tī rakau, tītī tōrea, hāpai rakau, taiaha, patu), the role of male and female leaders, biographies of important composers, the renaissance of performing arts and competition. Students learn a full performance bracket and a selection of ancient, historical and sacred classic tribal anthems including: E pa to hau; Kikiki, Tika tonu, Taku rakau, Ruauumoko, E rere te ao, Ka eke ki Wairaka

P: Any 15 points at 100 level from MAOR, MUSA, or TREO, or any 60 points at 100 level from the Schedule V of the MusB or the Schedule V of the BA.

R: MAOR 282, TREO 282, MAOR 382, TREO 382

EQ: MAOR 282, TREO 282

Domestic Fee: \$892 (2021)

International Fee: \$4,313 (2021)

MUSA252-22S2 (C) Semester 2**MUSA290 Chamber Choir 2**

15 Points 0.1250 EFTS

Not offered in 2022

This course builds on MUSA 190, expanding development of sophisticated choral singing skills and good rehearsal techniques, and performing in public.

P: MUSA190 and subject to approval of the Head of School.

MUSA293 Ensemble 2

15 Points 0.1250 EFTS

MUSA293 aims to further develop students' performance and rehearsal skills in one or more music ensembles ranging from large, such as orchestra (UC-CYO) or UC gamelan ensemble, to small ensembles such as three-piece contemporary bands or chamber groups.

P: MUSA191, MUSA192, or MUSA193.

R: MUSA291, MUSA292, MUSI294.

Domestic Fee: \$892 (2021)

International Fee: \$4,313 (2021)

MUSA293-22W (A) Whole Year (S1 and S2)**MUSA300 Musicianship, Harmony, and Analysis 3**

15 Points 0.1250 EFTS

Not offered in 2022

This course provides students with advanced skills in musicianship (sight-singing, ear training and score reading), harmony (including jazz harmony and chromatic common-practice harmony), and analysis of music from a diverse range of genres.

P: MUSA200

R: MUSA201

MUSA311 Composition Studio

30 Points 0.2500 EFTS

MUSA311 presents a range of approaches to working with musical materials across musical genres. Students learn about aspects of computer assisted composition, principles of vocal writing, high level structuring processes, scoring for Taonga Puoro, and explore ways to incorporate these into their own creative practice. Students at 300 level students gain experience in tiered mentoring.

P: One of MUSA210, MUSA212, MUSA213, MUSA214, MUSA215

R: MUSA211

Domestic Fee: \$1,784 (2021)

International Fee: \$8,625 (2021)

MUSA311-22S1 (A) Semester 1**MUSA313 Composition in Context**

30 Points 0.2500 EFTS

Not offered in 2022

MUSA313 explores practical applications of advanced compositional concepts in a variety of situations. Students learn about working with sound and images in different artistic contexts; study the pivotal role of timbre in certain genres of popular, contemporary art music, and Taonga Puoro; and explore approaches to combining electronic and instrumental sounds. Students experience tiered mentoring.

P: One of MUSA210, MUSA211, MUSA212, MUSA214, MUSA215

R: MUSA213

MUSA322 Composition 3B

30 Points 0.2500 EFTS

Students develop a portfolio of compositions (notated and/or digital and/or performed live) together with supporting documentation.

P: MUSA321

R: MUSI 327

Domestic Fee: \$1,784 (2021)

International Fee: \$8,625 (2021)

MUSA322-22S2 (A) Semester 2**MUSA325 Electronic Music Composition**

30 Points 0.2500 EFTS

Not offered in 2022

MUSA325 teaches fundamental studio techniques in digital sound creation and manipulation that can be applied in a range of different creative settings: Electronic Music, Soundscape, sound design, remixing, and more. Along the way they become familiar with some of the most significant historic and contemporary artistic trends in the creation of digital music. The culmination of the course is the creation of a portfolio of digital sound-based works: electroacoustic compositions, live electronic performances, EDM remixes, field recordings... or a brand new digital sound genre.

P: MUSA228 or MUSA229

MUSA326 Creative Audio Coding

30 Points 0.2500 EFTS

Not offered in 2022

MUSA326 introduces fundamental programming principles and demonstrates how to deploy these in creative musical situations. Topics include advanced concepts in algorithmic composition, sound spatialization, synthesis methods, and live coding.

P: MUSA228 or MUSA229

MUSA327 Sonic Interfaces

30 Points 0.2500 EFTS

Not offered in 2022

MUSA327 teaches design skills for creating interactive digital sound environments. Topics include microprocessor configuration and programming, basic electronic circuit design, and configuring sensors. Lectures will also explore the historical context of interactive devices in sound art since the mid 20th century, from early practices in hardware hacking to DIY digital instruments to contemporary "maker" culture.

P: MUSA228 or MUSA229

MUSA331 The European Concert Tradition

15 Points 0.1250 EFTS

This course extends students' understanding of music in the Western classical tradition. Chamber music, orchestral music, opera, and early music will be examined through the lens of the public concert. Students will deepen their understanding of musical style, national identity, and the relationship between music, society, and culture.

P: One of MUSA231-234.

R: MUSA 231

Domestic Fee: \$892 (2021)

International Fee: \$4,313 (2021)

MUSA331-22S2 (C) Semester 2**MUSA332 Musics of the World**

15 Points 0.1250 EFTS

Not offered in 2022

This course examines music-making in a range of communities in diverse geographical regions, and provides develops concepts and skills in ethnomusicology.

P: One of MUSA231-234.

R: MUSA 232

MUSA333 Popular Music in Context

15 Points 0.1250 EFTS

Not offered in 2022

An exploration of contemporary popular music styles from a range of genres, and their historical significance and wider contexts, including music for film and television, and the rise of music video.

P: Any 30 points at 200 level from CULT or MUSA, or any 60 points at 200 level from the Schedule V of the MusB or the Schedule V of the BA.

R: MUSA233, CULT233

MUSA334 Contemporary Music

15 Points 0.1250 EFTS

Not offered in 2022

An exploration of various 20th and 21st century Western art music styles and techniques. The course includes score analysis and aural recognition, and covers technological developments, political and social upheavals and the effects of these on composers and their output.

P: Any 30 points at 200 level from MUSA, or any 60 points at 200 level from the Schedule V of the MusB or the Schedule V of the BA.

R: MUSA 234

MUSA335 Philosophy of Music

30 Points 0.2500 EFTS

Not offered in 2022

A study of the central ideas in the philosophy of music in the western tradition from Plato to Hanslick.

P: Any 60 points at 200 level from the Schedule V of the MusB or Schedule V of the BA.

R: MUSI359

EQ: MUSI359

MUSA337 Music in Context: Church, State, Community

15 Points 0.1250 EFTS

This course examines at an advanced level the relationship between music and the communities that create and receive it. A diverse range of examples historical and contemporary are explored as case studies.

P: One of MUSA231, MUSA232, MUSA233, MUSA234, or MUSA236

R: MUSA237

Domestic Fee: \$892 (2021)

International Fee: \$4,313 (2021)

MUSA337-22S2 (C) Semester 2**MUSA341 Performance Major 3A**

30 Points 0.2500 EFTS

Performance work involving weekly individual lessons, performance classes and ensemble training in an approved instrument (or in voice) and the presentation of a public recital.

P: MUSA242 with a C grade or higher, and at least 30 pts from MUSA100, MUSA101, MUSA120, MUSA121, MUSA122, MUSA125, MUSA131, MUSA200, MUSA220, MUSA221, MUSA223, MUSA226, MUSA250

R: MUSI 341

Domestic Fee: \$1,784 (2021)

International Fee: \$8,625 (2021)

MUSA341-22S1 (A) Semester 1**MUSA342 Performance Major 3B**

30 Points 0.2500 EFTS

Performance work involving weekly individual lessons, performance classes and ensemble training in an approved instrument (or in voice) and the presentation of a public recital.

P: MUSA341

R: MUSI 341

Domestic Fee: \$1,784 (2021)

International Fee: \$8,625 (2021)

MUSA342-22S1 (A) Semester 1**MUSA342-22S2 (A) Semester 2****MUSA380 Undergraduate Research Essay**

15 Points 0.1250 EFTS

Not offered in 2022

An extended essay on a musicological subject.

P: 45 points of MUSA and the approval of the Head of School.

MUSA390 Chamber Choir 3

15 Points 0.1250 EFTS

Not offered in 2022

This course builds on MUSA 290 and develops highly sophisticated choral singing skills and performer discipline.

P: MUSA290 and subject to approval of the Head of School.

R: MUSI 392

MUSA393 Ensemble 3

15 Points 0.1250 EFTS

MUSA393 aims to provide significant performance and rehearsal experiences in one or more music ensemble(s) ranging from large, such as orchestra (UC-CYO) or UC gamelan ensemble, to small ensembles such as three-piece contemporary bands or chamber groups.

P: MUSA291, MUSA292, or MUSA293.

R: MUSA391, MUSA392, MUSI391, MUSI398.

Domestic Fee: \$892 (2021)

International Fee: \$4,313 (2021)

MUSA393-22W (A) Whole Year (S1 and S2)**MUSA396 Music Internship**

30 Points 0.2500 EFTS

A significant music internship associated with a community or industry-focused project.

P: Any 60 points at 200 level from the Schedule V of the MusB, special application and interview and the permission of the Head of School.

R: MUSA395

Domestic Fee: \$1,784 (2021)

International Fee: \$8,625 (2021)

MUSA396-22A (C) Starts Anytime**MUSA397 Collaborative Group Project**

15 Points 0.1250 EFTS

A supervised creative project involving collaboration with one or more musicians, and/or with other arts practitioner(s). The student may be involved as a performer, composer, improviser, producer, or similar musical activity.

P: Any 45 points at 200 level from MUSA, and permission from the Head of School.

Domestic Fee: \$892 (2021)

International Fee: \$4,313 (2021)

MUSA397-22S2 (C) Semester 2**MUSA398 Capstone Project**

30 Points 0.2500 EFTS

Not offered in 2022

Students will produce a substantial body of creative or scholarly work in a topic related to their major. An appropriate staff supervisor will be assigned, usually from within the student's major, or having expertise in the proposed area of study. Student work might include performances, compositions, reviews, public forms of writing and presentation, or any combination thereof. Regular student forums will take place during the semester, and students will present their work in progress to peers in at least one of these.

P: 30 points of MUSA at 200-level and Permission of Head of School

PACE395 Internship

30 Points 0.2500 EFTS

What can you do with your major? With your degree? The purpose of the internship course is to explore both the ideological and practical assumptions guiding this question. The course is designed to be a critical, theoretical and "real-world" examination of the practices and ideologies inherent in both community and business organisations. You will apply the analytical skills acquired through your major, and through class seminars and readings, to a project designed by a local company or community group. Please check out the website for further information and specific project descriptions: www.arts.canterbury.ac.nz/internships

P: 150 points, special application and interview, and permission of the Internship Director.

R: ARTS395

EQ: ARTS395

Domestic Fee: \$1,570 (2021)

International Fee: \$7,000 (2021)

PACE395-21SU2 (C) Summer (Nov 21)

PACE395-22A (C) Starts Anytime

PACE395-22S1 (C) Semester 1

PACE395-22S2 (C) Semester 2

Limited entry. See limitation of entry regulations. A student will be selected for a specific project.

Only students accepted for projects will be allowed into the course. Please go to <http://www.arts.canterbury.ac.nz/internships> for more information.

Postgraduate

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

MUSA650 MA Dissertation

60 Points 0.5000 EFTS

MA Dissertation

P: Subject to approval of the Head of Department.

Domestic Fee: \$3,610 (2021)

International Fee: \$16,500 (2021)

MUSA650-22A (C) Starts Anytime

MUSA650-22S1 (C) Semester 1

MUSA650-22S2 (C) Semester 2

MUSI457 Studies in Music History

30 Points 0.2500 EFTS

Not offered in 2022

P: Subject to approval of the Head of School.

R: MUSI412, MUSI602

MUSI458 Studies in Music Analysis

30 Points 0.2500 EFTS

Not offered in 2022

P: Subject to approval of the Head of School.

R: MUSI408, MUSI604

MUSI461 A Documentary Study of a Prescribed Topic

30 Points 0.2500 EFTS

Not offered in 2022

P: Subject to approval of the Head of School.

R: MUSI414, MUSI607

MUSI466 Research Project

30 Points 0.2500 EFTS

Not offered in 2022

P: Subject to approval of the Head of School.

MUSI471 Composition 4

60 Points 0.5000 EFTS

Compiling a portfolio of compositions (notated scores, together with some recordings)

P: MUSA 322 with a grade of B or higher, and approval of Head of School

R: MUSI409, MUSI420

Domestic Fee: \$4,202 (2021)

International Fee: \$18,750 (2021)

MUSI471-22W (C) Whole Year (S1 and S2)

MUSI473 Performance 4

60 Points 0.5000 EFTS

Advanced study in, and mastery of, the performance of an instrument or voice.

P: MUSA342 or MUSI341 with a grade of B+ or higher, and approval of Head of School

R: MUSI441

Domestic Fee: \$4,202 (2021)

International Fee: \$18,750 (2021)

MUSI473-22W (A) Whole Year (S1 and S2)

MUSI474 Ensemble Performance

30 Points 0.2500 EFTS

Advanced study and participation in musical performance within an ensemble, either in live performance or in CD recordings.

P: MUSA342 or MUSI341 with a grade of B+ or higher, and approval of Head of School.

Domestic Fee: \$2,101 (2021)

International Fee: \$9,375 (2021)

MUSI474-22W (A) Whole Year (S1 and S2)

MUSI481 Research Essay

30 Points 0.2500 EFTS

P: Subject to approval of the Head of School.

Domestic Fee: \$2,101 (2021)

International Fee: \$9,375 (2021)

MUSI481-22S2 (C) Semester 2

MUSI690 MA Thesis

120 Points 1.0000 EFTS

P: Subject to approval of the Head of School.

Domestic Fee: \$7,900 (2021)

International Fee: \$37,500 (2021)

MUSI690-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval.

MUSI692 MMus Performance

120 Points 1.0000 EFTS

Advanced performance on an instrument or voice. Either: two significant recitals (solo and/or ensemble) and programme notes. Or: one CD (45-50 mins) which may include existing compositions, originals and/or arrangements, together with supporting documentation.

P: MUSI473 or equivalent, and approval of Head of Music

Domestic Fee: \$7,900 (2021)

International Fee: \$37,500 (2021)

MUSI692-22A (C) Starts Anytime

MUSI693 MMus Composition

120 Points 1.0000 EFTS

Production of a significant portfolio of compositions (notated and/or digital and/or performed live) together with supporting documentation

P: MUSI471, or subject to approval of Head of School

Domestic Fee: \$7,900 (2021)

International Fee: \$37,500 (2021)

MUSI693-22A (C) Starts Anytime

MUSI795 Music DMA

120 Points 1.0000 EFTS

P: Subject to approval of the Head of School.

Domestic Fee: \$7,900 (2021)

International Fee: \$37,500 (2021)

MUSI795-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.

MUSI790 Music PhD

120 Points 1.0000 EFTS

P: Subject to approval of the Programme Coordinator.

Domestic Fee: \$7,900 (2021)

International Fee: \$37,500 (2021)

MUSI790-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.

Natural Resources Engineering

Te Tari Pūhanga Metarahi, Rawa Taiao | Department of Civil and Natural Resources Engineering

ENCN201 Communication Skills Portfolio 1

0 Points 0.0000 EFTS

Introduction to communication skills required by practicing professional engineers.

P: Entry to first professional year of CNRE.

Domestic Fee: \$0 (2021)

International Fee: \$0 (2021)

ENCN201-22A (C) Starts Anytime

ENCN213 Structural Design Studio

15 Points 0.1250 EFTS

Loads and load paths in buildings and bridges. Design calculations for timber and steel structures. Engineering drawing. Construction and testing of simple structures.

P: Subject to approval of the Dean of Engineering and Forestry

R: ENCI211

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENCN213-22S2 (C) Semester 2

ENCN221 Engineering Materials

15 Points 0.1250 EFTS

Introduction to engineering materials. Materials science. Metals, granular materials, asphalt, concrete, masonry, timber, plastics/ceramics. Sustainability issues and material selection.

P: Subject to approval of the Dean of Engineering and Forestry

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENCN221-22S1 (C) Semester 1

ENCN231 Solid Mechanics

15 Points 0.1250 EFTS

Introduction to solid and structural mechanics: analysis of statically determinate structures; stress and strain; behaviour of beams and columns; analysis of deformations; torsion.

P: Subject to approval of the Dean of Engineering and Forestry

R: ENCI230, ENCI234

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENCN231-22S1 (C) Semester 1

ENCN242 Fluid Mechanics and Hydrology

15 Points 0.1250 EFTS

Fluid Properties. Hydrostatics. Mass, energy and momentum fluxes. Applications to hydraulic systems. Water resources and global climates. Stream and groundwater flow.

P: Subject to approval of the Dean of Engineering and Forestry

R: ENCI241

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENCN242-22S2 (C) Semester 2

ENCN253 Soil Mechanics

15 Points 0.1250 EFTS

Properties and behaviour of rocks. Formation, properties and classification of soils. Strength and stiffness of soils. Applications to slopes, retaining walls, and site characterisation.

P: Subject to approval of the Dean of Engineering and Forestry

R: ENCI252, ENCI271

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENCN253-22S2 (C) Semester 2

ENCN281 Environmental Engineering

15 Points 0.1250 EFTS

Water quality parameters; mass balances; kinetics; surface water quality modelling; ecological systems; treatment of water, wastewater, solid and hazardous wastes; air pollution.

P: Subject to approval of the Dean of Engineering and Forestry

R: ENNR203, ENCI383

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENCN281-22S1 (C) Semester 1

ENCN301 Communication Skills Portfolio 2

0 Points 0.0000 EFTS

Development of communication skills required by practicing professional engineers. Sketches, oral presentation, and various types of written reports.

P: ENCN201

Domestic Fee: \$0 (2021)

International Fee: \$0 (2021)

ENCN301-22A (C) Starts Anytime

ENCN304 Deterministic Mathematical Methods

15 Points 0.1250 EFTS

Analytical and numerical methods for engineering problems. Vector calculus. Systems of linear equations. Systems of ordinary differential equations. Partial differential equations.

P: EMTH210

C: ENCN305

R: ENCI302

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENCN304-22S1 (C) Semester 1

ENCN305 Programming, Statistics and Optimization

15 Points 0.1250 EFTS

Computer programming. Descriptive statistics. Monte Carlo and Bootstrapping methods. Design of experiments. Linear regression and generalized linear modelling. Optimization and linear programming.

P: EMTH210

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENCN305-22S1 (C) Semester 1

ENCN342 Hydraulics and Applied Hydrology

15 Points 0.1250 EFTS

Open channel flow; pipe networks; scale and dimensional analysis; flow of surface and ground water; urban drainage; catchment hydrological modelling.

P: ENCN242

R: ENCI341

EQ: ENCN342

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENCN342-22S2 (C) Semester 2

ENCN353 Geotechnical Engineering

15 Points 0.1250 EFTS

Mohr's circle; time-dependent soil behaviour; settlement; capacity and failure of foundations; field investigations; slope stability; earth pressure theories and retaining structures.

P: ENCN253

R: ENCI351

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENCN353-22S1 (C) Semester 1

ENCN371 Project and Infrastructure Management

15 Points 0.1250 EFTS

Project and infrastructure asset management, procurement methods, estimating, finance and accounting, economic appraisal, uncertainty and decision-making.

R: ENCI363, ENCI403

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENCN371-22S2 (C) Semester 2

ENNR320 Integrated Catchment Analysis

15 Points 0.1250 EFTS

Integrated analysis of water, land, and ecology. GIS, spatial analysis, soils, vegetation, food/fibre production, environmental impact assessments, ecological engineering principles, catchment-level policy, systems analysis.

P: ENCN242

R: ENNR306

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

ENNR320-22S1 (C) Semester 1

ENCN401 Engineering in Developing Communities

15 Points 0.1250 EFTS

Water supply and sanitation (solid and liquid waste management) issues in developing communities, agricultural issues and impacts of land-use changes, humanitarian aid during natural disaster relief, engineering in a cultural and sustainable context using appropriate technology.

P: EMTH210, ENCI199, ENCN201, ENCN213, ENCN221, ENCN231, ENCN242, ENCN253, ENCN261, ENCN281

R: ENNR451

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENCN401-22S1 (C) Semester 1**ENCN405 Ecologically Engineered Systems**

15 Points 0.1250 EFTS

Resources required for agriculture, horticulture, aquaculture. Best management practices for stormwater and agricultural runoff. Engineered wetlands. Ecological economics and restoration.

P: EMTH210, ENCI199, ENCN201, ENCN213, ENCN221, ENCN231, ENCN242, ENCN253, ENCN261, ENCN281, ENNR320, ENNR322

EQ: ENNR405

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENCN405-22S1 (C) Semester 1**ENCN412 Traffic Engineering**

15 Points 0.1250 EFTS

Transport planning. Traffic flow theory. Roadway and intersection design. Road safety. Traffic surveys. Transport project evaluation. Environmental impacts. Traffic management.

P: EMTH210, ENCI199, ENCN201, ENCN213, ENCN221, ENCN231, ENCN242, ENCN253, ENCN261, ENCN281

R: ENCI412

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENCN412-22S1 (C) Semester 1**ENCN415 Pavement Engineering**

15 Points 0.1250 EFTS

Effect of traffic and environment on pavement. Analysis of stress from axle loads. Characterisation of pavement materials. Empirical and mechanistic-empirical design methods.

P: EMTH210, ENCI199, ENCN201, ENCN213, ENCN221, ENCN231, ENCN242, ENCN253, ENCN261, ENCN281

R: ENCI415

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENCN415-22S1 (C) Semester 1**ENCN423 Sustainable Energy Systems**

15 Points 0.1250 EFTS

Energy systems analysis, modelling, and design. Solar, wind, hydro, biomass and geothermal resources. Demand management. Low-energy buildings. Global and local perspectives.

P: EMTH210, ENCI199, ENCN201, ENCN213, ENCN221, ENCN231, ENCN242, ENCN253, ENCN261, ENCN281, ENCN375

EQ: ENNR423

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENCN423-22S1 (C) Semester 1**ENCN452 Advanced Geotechnical Engineering**

15 Points 0.1250 EFTS

Stress-strain behaviour of soils. Critical-state soil mechanics. Approximations and limitations for geotechnical analyses. Piles under axial and lateral loading. Shallow foundations.

P: EMTH210, ENCI199, ENCN201, ENCN213, ENCN221, ENCN231, ENCN242, ENCN253, ENCN261, ENCN281, ENCN353

R: ENCI452

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENCN452-22S1 (C) Semester 1**ENCN454 Introduction to Geotechnical Earthquake Engineering**

15 Points 0.1250 EFTS

Seismic behaviour of retaining walls, shallow and deep foundations, embankments, and slopes. Liquefaction. Case studies, design applications, and advanced methods of analysis.

P: EMTH210, ENCI199, ENCN201, ENCN213, ENCN221, ENCN231, ENCN242, ENCN253, ENCN261, ENCN281, ENCN353

R: ENCI620

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENCN454-22S1 (C) Semester 1**ENCN470 Professional Engineering Development**

15 Points 0.1250 EFTS

Not offered in 2022

Professional issues in Civil and Natural Resources Engineering. Society and environment, ethics, communication skills, historical developments, future engineering issues, and system thinking.

P: ENCN301 (in 2014 and beyond)

R: ENCI403

ENCN493 Project

30 Points 0.2500 EFTS

Engineering Research Project

P: EMTH210, ENCI199, ENCN201, ENCN213, ENCN221, ENCN231, ENCN242, ENCN253, ENCN261, ENCN281, ENCN301

R: ENCI493, ENCI494, ENCN494

Domestic Fee: \$2,266 (2021)

International Fee: \$11,250 (2021)

ENCN493-22X1 (C)**ENCN493-22X2 (C)****ENGR403 Fire Engineering**

15 Points 0.1250 EFTS

Introduction to Fire Engineering. Fire ignition, flame spread and flame height. The performance of construction materials and fire resistance. People movement and behaviour during fires. Fire detection, suppression and smoke extract systems. Wildland fires, fire investigation, fire-fighting.

P: Subject to approval of the Director of Studies

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENGR403-22SU1 (C) Summer (Jan 22)**ENGR403-22S1 (C) Semester 1****ENNR413 Integrated Natural Resources Engineering Design**

30 Points 0.2500 EFTS

Integrated design of complex Natural Resources engineering projects; professional and teamwork analysis; economic, environmental, and bicultural issues; life-long learning.

P: EMTH210, ENCI199, ENCN201, ENCN213, ENCN221, ENCN231, ENCN242, ENCN253, ENCN261, ENCN281, ENCN 301, ENCN 371, ENCN 375

R: ENCI313, ENNR313

EQ: ENCI413

Domestic Fee: \$2,266 (2021)

International Fee: \$11,250 (2021)

ENNR413-22S2 (C) Semester 2

Pacific Studies

*Macmillan Brown Centre for Pacific Studies***PACS101 Peopling the Pacific**

15 Points 0.1250 EFTS

Not offered in 2022

People, Migration and Culture in the Pacific

PACS202 The Pacific Islands: Early European and Polynesian Visions

15 Points 0.1250 EFTS

Not offered in 2022

This course looks at how European and Polynesian visions of 'the other' have intersected over the course of the last five centuries within the Pacific region

P: Any 15 points at 100 level from ANTH, HIST, or PACS, or any 60 points at 100 level from the Schedule V of the BA.

R: ANTH215, ANTH315, HIST266, HIST392, PACS302

EQ: ANTH215, HIST266

Painting

PACE395 Internship

30 Points 0.2500 EFTS

What can you do with your major? With your degree? The purpose of the internship course is to explore both the ideological and practical assumptions guiding this question. The course is designed to be a critical, theoretical and "real-world" examination of the practices and ideologies inherent in both community and business organisations. You will apply the analytical skills acquired through your major, and through class seminars and readings, to a project designed by a local company or community group. Please check out the website for further information and specific project descriptions: www.arts.canterbury.ac.nz/internships

P: 150 points, special application and interview, and permission of the Internship Director.

R: ARTS395

EQ: ARTS395

Domestic Fee: \$1,570 (2021)

International Fee: \$7,000 (2021)

PACE395-21SU2 (C) Summer (Nov 21)

PACE395-22A (C) Starts Anytime

PACE395-22S1 (C) Semester 1

PACE395-22S2 (C) Semester 2

Limited entry. See limitation of entry regulations. A student will be selected for a specific project.

Only students accepted for projects will be allowed into the course. Please go to <http://www.arts.canterbury.ac.nz/internships> for more information.

PACS302 The Pacific Islands: Early European and Polynesian Visions

30 Points 0.2500 EFTS

Not offered in 2022

This course looks at how European and Polynesian visions of 'the other' have intersected over the course of the last five centuries within the Pacific region

P: Any 30 points at 200 level from ANTH, HIST, or PACS, or any 60 points at 200 level from the Schedule V of the BA.

R: ANTH215, ANTH315, HIST266, HIST392, PACS202

EQ: ANTH315, HIST392

PACS303 International Politics: Aotearoa New Zealand Foreign Policy

30 Points 0.2500 EFTS

Not offered in 2022

This course will critically examine Aotearoa New Zealand's past and present foreign policy while exploring future foreign policy directions.

P: Any 30 points at 200 level from PACS or POLS, or any 60 points at 200 level from the Schedule V of the BA.

R: POLS308

EQ: POLS308

Postgraduate

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

PACS424 Independent Course of Study: Nexus between the COVID-19 Pandemic and Human Security amongst the Pacific Population

30 Points 0.2500 EFTS

P: Subject to the approval of the Head of Department.

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

PACS424-22A (C) Starts Anytime

PACS690 MA Thesis

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$7,220 (2021)

International Fee: \$33,000 (2021)

PACS690-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval.

PACS790 Pacific Studies PhD

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$7,220 (2021)

International Fee: \$33,000 (2021)

PACS790-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.

Painting

Te Kura Kōwaiwai | Ilam School of Fine Arts

PAIN211 Painting 2A

45 Points 0.3750 EFTS

Students will be introduced to developing technical competence in, and broad operational of, theoretical knowledge within the specialised studio discipline. Projects relating to the conventions and techniques of Painting practice, participation in group meetings, critiques, reading groups and critical reflections, documentation of all work.

P: FINA103, or subject to approval of the Head of the School of Fine Arts. Entry to this course is limited.

Domestic Fee: \$2,675 (2021)

International Fee: \$12,938 (2021)

PAIN211-22S1 (C) Semester 1

PAIN212 Painting 2B

45 Points 0.3750 EFTS

Students will continue the development of technical competence in, and broad operational of, theoretical knowledge within the specialised studio discipline. Projects relating to the conventions and techniques of Painting practice, participation in group meetings, critiques, reading groups and critical reflections, documentation of all work.

P: PAIN211, or subject to approval of the Head of the School of Fine Arts. Entry to this course is limited.

Domestic Fee: \$2,675 (2021)

International Fee: \$12,938 (2021)

PAIN212-22S2 (C) Semester 2

PAIN311 Painting 3

90 Points 0.7500 EFTS

P: PAIN212

Domestic Fee: \$5,351 (2021)

International Fee: \$25,875 (2021)

PAIN311-22W (C) Whole Year (S1 and S2)

PAIN411 Painting 4

90 Points 0.7500 EFTS

P: PAIN311

Domestic Fee: \$5,351 (2021)

International Fee: \$25,875 (2021)

PAIN411-22W (C) Whole Year (S1 and S2)

Postgraduate

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

PAIN601 Painting MFA

120 Points 1.0000 EFTS

P: Subject to approval of the Head of School.

Domestic Fee: \$7,900 (2021)

International Fee: \$37,500 (2021)

PAIN601-22A (C) Starts Anytime

Philosophy

Te Kura Kete Aronui | School of Humanities and Creative Arts

PHIL110 Science: Good, Bad, and Bogus

15 Points 0.1250 EFTS

This course is a critical thinker's toolkit. It will teach you 20 principles you can use to tell science from pseudo-science, truth from falsehood, logic from rhetoric, sound reasoning from wishful thinking, effective medicine from quackery, and good evidence from lies, fraud and fakery. The critical thinking skills you learn in this course will be vital if you go on to do more philosophy. They are also readily applicable to other disciplines, and should help you steer clear of scam-artists, charlatans, confidence-tricksters and get-rich-quick-schemes in the world outside of academia. Topics covered include the fallibility of the senses, the fallibility of memory, the placebo effect, the tricks of the cold reader's trade, confirmation bias, the Barnum effect, relativism, mind viruses, the basics of logic, formal and informal fallacies, and the scientific evaluation of competing hypotheses.

R: HAPS110

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

PHIL110-22S1 (D) Semester 1

PHIL110-22S1 (C) Semester 1

PHIL111 Philosophy, Sex, and Thinking

15 Points 0.1250 EFTS

Not offered in 2022

Does being born female or male determine a person's capacity to think well? Are women less rational than men? Is it true that all the great philosophers of the past were male? This course introduces you to philosophical thought about the relationship between sex and reason.

PHIL132 God, Mind, and Freedom

15 Points 0.1250 EFTS

If God created the universe, who created God? Are the colours you see inside your head or outside? Could a computer be conscious? You cannot change the past - why do you think you can change the future? This course tackles these and other fundamental questions in Philosophy. Learn to question assumptions and think outside the box. There are no prerequisites for this course - all welcome.

R: PHIL101

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

PHIL132-22S1 (C) Semester 1**PHIL132-22S1 (D) Semester 1****PHIL133 Philosophy and Human Nature**

15 Points 0.1250 EFTS

The human record is full of contradictions. We are capable all at once of selfless love and murderous depravity; of sublime rational insight and base stupidity; of soul-baring honesty and habitual duplicity; of principled rebellion and obsequious deference to authority; of generosity and jealousy. What, then, is our true nature? Are we rational creatures or are we enslaved by our passions? Are we moral creatures or are we fundamentally selfish? Can we improve the human situation either individually or collectively? Does it all depend on our evolutionary history? This course is an introduction to Western philosophy through the ideas of Plato, Aristotle, Hobbes, Hume, Kant, Marx, Nietzsche, Darwin, and other influential thinkers as they puzzle over the riddles of human nature.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

PHIL133-22S2 (C) Semester 2**PHIL136 Ethics Today**

15 Points 0.1250 EFTS

Domestic Fee: \$785 (2021)

International Fee: \$3,500 (2021)

PHIL136-21SU2 (C) Summer (Nov 21)**PHIL136-21SU2 (D) Summer (Nov 21)****PHIL137 Computers, Artificial Intelligence, and the Information Society**

15 Points 0.1250 EFTS

Not offered in 2022

Our art, culture, politics, society, and economy are powered by computing machines. This course will provide an outline history of computing from the 1930s to the present day, and offers students an introduction to the foundations of computing and information processing, as well as to the corporations who sell us our devices and software, and to moral, philosophical and ethical issues fundamental to information, information-processing, and the information society. The course also examines Artificial Intelligence: what is AI and can it be achieved? How could you tell whether a computer has a mind? Is the human brain in fact a computer? In addition, some specifically Māori computing initiatives will be described and placed in their philosophical context.

R: POLS137, DIGI102

EQ: POLS137, DIGI102

PHIL138 Logic and Critical Thinking

15 Points 0.1250 EFTS

Thinking rationally involves many skills. This course will help students acquire and develop those skills.

R: PHIL132 (prior to 2006), MATH130, PHIL134/MATH134

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

PHIL138-22SU1 (D) Summer (Jan 22)**PHIL138-22SU1 (C) Summer (Jan 22)****PHIL139 Ethics, Politics and Justice**

15 Points 0.1250 EFTS

How we should live our lives is the most important question of all. What makes our actions right or wrong? Is it our culture, our emotions, facts about the world, or God's commands? Are pleasure and happiness all that really matters? What should we do when justice and freedom conflict with happiness or with each other? Should we always obey the law? Is taxation legalised theft? This course introduces students to moral and political philosophy by examining ideas and arguments about how we should live our personal, social and political lives.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

PHIL139-22S2 (C) Semester 2**PHIL139-22S2 (D) Semester 2****PHIL145 Political and Social Philosophy**

15 Points 0.1250 EFTS

Not offered in 2022

This course is designed to give the student the basic tools with which to analyse both principles and ideologies in politics. Under the first of these, there will be a discussion of the principles of freedom, liberalism, rights, and democracy. Under the second, there will be an examination of ideologies such as socialism, anarchism, conservatism, and nationalism. While both principles and ideologies are necessary for the discussion of politics, only principles raise ethical considerations. The discussion of ideologies is not normally about ethics, but instead, is focussed upon a scientific or empirical analysis of politics.

R: POLS106

PHIL203 Dinosaurs, Quarks and Quasars: The Philosophy of Science

15 Points 0.1250 EFTS

Science studies the world, but what discipline studies science itself -- what it is, how it works, and why it works so well? Answer: the philosophy of science. Questions tackled in this course include: how do scientists develop theories, test them, and adjudicate between rival explanations of natural phenomena? Does the careful application of the scientific method lead to truth and certainty? Do unobservable entities, like quarks, really exist, or are they merely useful fictions? And should scientists try to show their theories are false instead of trying to show they are true? The course will be of interest to anyone fascinated by science, its history, its aims, and its methods, and will be value to scientists-in-training in providing a broad perspective on the extraordinary philosophical puzzles and perplexities hovering over all scientific inquiry.

P: Any 15 points at 100 level in PHIL, or any 60 points at 100 level from the Schedule V of the BA or the BSc.

R: PHIL223, PHIL303

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

PHIL203-22S2 (C) Semester 2**PHIL203-22S2 (D) Semester 2****PHIL208 The Brain Gym: An Introduction to Logic**

15 Points 0.1250 EFTS

An introduction to logical reasoning, critical analysis, and the art of proof.

P: Any 15 points at 100 level in PHIL, COSC, LING, MATH, or from the BE(Hons), or any 60 points at 100 level from any subject.

R: PHIL225, PHIL246, PHIL346, PHIL308, MATH208, MATH308

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

PHIL208-22S1 (C) Semester 1**PHIL208-22S1 (D) Semester 1****PHIL210 Logic, Automata, and Computability**

15 Points 0.1250 EFTS

Not offered in 2022

An introduction to various formal logics, the theory of automata, and the theoretical limitations of the computer.

P: Any 15 points at 100 level from MATH or PHIL, or any 60 points at 100 level from the Schedule V of the BA.

R: MATH230

PHIL212 Reason, Desire and Happiness: Hellenistic Philosophy

15 Points 0.1250 EFTS

Not offered in 2022

In ancient Greece and Rome, philosophy was thought to be more than simply a discipline of academic interest. Many philosophers saw themselves as being like physicians. If physicians treat and heal the body, the role of the philosopher is to provide comparable therapy for the soul so that we can live well and flourish. This view was common to Aristotle, the Epicureans, the Sceptics and the Stoics. This course introduces you to this philosophical tradition and to the work of its proponents. Topics covered include the relationship between emotion and reason, the value of true beliefs, the nature of erotic love, the fear of death, the basis of anger and aggression, the value of self-control, and the legitimate tasks and methods of philosophy.

P: Any 15 points at 100 level from CLAS or PHIL, or any 60 points at 100 level from the Schedule V of the BA.

R: PHIL312

PHIL224 Greek Philosophy

15 Points 0.1250 EFTS

Not offered in 2022

Historical and analytical introduction to the philosophy of Plato and Aristotle.

P: Any 15 points at 100 level from CLAS or PHIL, or any 60 points at 100 level from the Schedule V of the BA.

R: CLAS224, CLAS324, PHIL314

EQ: CLAS224

Philosophy

PHIL227 The Art Instinct

15 Points 0.1250 EFTS

Not offered in 2022

What is the nature of art and aesthetic experience? Is photography an art? What is creativity? What is artistic genius? Can cooking be an art? Is there a biological basis for the pleasures of art? This is a broad course to the Philosophy of Art, examining a range of philosophical problems aesthetics and value theory. Beyond philosophy students, the course is of interest to students with professional, historical, and a sociological interests in the arts, including music, painting and sculpture, literature, film and drama.

P: Any 15 points at 100 level from ARTH or PHIL, or any 60 points at 100 level from the Schedule V of the BA.

R: ARTT203 and PHIL322

PHIL229 Philosophy of Religion: Rationality, Science, and the God Hypothesis

15 Points 0.1250 EFTS

Not offered in 2022

Why does the universe exist, rather than nothing at all? Does life imply a designer? Can we show by pure logic that a supreme being exists? Is a person a non-physical soul or only a neural net encased in a skull? Can I survive my death or is belief in an afterlife a trick of evolution? Isn't all the suffering in the world evidence against the hypothesis of a benevolent God? Can human beings tell what is morally right and wrong, or do we need a 'God's-eye-view'? Is science compatible with religion? Is there one and only one true religion? What is 'faith' and what is 'reason' - and who decides? This course presupposes no prior knowledge of the philosophy of religion; it is aimed at students from a wide range of backgrounds, as well as philosophy majors.

P: Any 15 points at 100 level in PHIL, or any 60 points at 100 level from the Schedule V of the BA or the BSc.

R: RELS210, PHIL318

PHIL233 Epistemology and Metaphysics

15 Points 0.1250 EFTS

This course is an introduction to selected topics in the theory of knowledge and of reality. For example: What is a physical object? Are you the same physical object now that you were 10 years ago? What makes the black squiggles you're now reading mean something? Are meanings ideas? Do deep metaphysical statements, such as 'I am the only conscious being in the universe' or 'Everything is fated', really say anything? Do males and females have different ways of knowing? What is time? Do humans have free will? Is cause-and-effect real, or just a way of looking at things? This course presupposes no prior knowledge of philosophy; it is aimed at students from a wide range of backgrounds, as well as philosophy majors.

P: Any 15 points at 100 level in PHIL, or any 60 points at 100 level from the Schedule V of the BA or the BSc.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

PHIL233-22S1 (D) Semester 1

PHIL233-22S1 (C) Semester 1

PHIL235 Cyberspace, Cyborgs, and the Meaning of Life

15 Points 0.1250 EFTS

This course investigates a raft of questions - concerning mind, metaphysics, knowledge and human nature - thrown up by the ongoing revolution in information technology. These include: Might I attain immortality by porting myself into cyberspace? Am I already in cyberspace? Is the universe nothing but a computer? Should we fear a forthcoming Age of Robots? Is my iPhone part of my mind? Could a computer ever be programmed to be creative and intelligent, and to equal or exceed the problem solving capacities of the human brain?

P: Any 15 points at 100 level in PHIL, COSC, DIGI, or MATH, or any 60 points at 100 level from the Schedule V of the BA or the BSc.

R: PHIL335, DIGI202, DIGI302

EQ: DIGI202

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

PHIL235-22S2 (C) Semester 2

PHIL235-22S2 (D) Semester 2

PHIL236 Ethics

15 Points 0.1250 EFTS

In this course, we look at concepts and theories in normative ethics and metaethics. Normative ethics deals with the foundations of moral theory. What determines whether an action is right or wrong, good or bad? What principles should we live by? Utilitarianism, deontology and virtue ethics provide three influential answers. Part I of the course studies these theories in detail, considering the ideas of Mill, Kant and Aristotle along the way. Metaethics deals with second-order questions about ethical thought and talk. Are there moral facts and moral truths? Could moral judgements be objectively true? What is the relation between moral facts and scientific or natural facts? How, if at all, can we acquire moral knowledge? What role do the emotions play in moral judgement? Part II of the course focuses on these and similar questions.

P: Any 15 points at 100 level from PHIL, or any 60 points at 100 level from the Schedule V of the BA.

R: PHIL321

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

PHIL236-22S1 (C) Semester 1

PHIL240 Bioethics: Life, Death, and Medicine

15 Points 0.1250 EFTS

Bioethics is the study of ethical problems in healthcare, research, technology and the environment. Bioethical problems arise every day, affecting societies, people and non-human animals. This course covers a wide range of issues, including: research on human and non-human animals; reproductive technologies, such as surrogacy and genetic testing; the use of data to monitor and control human actions; conflicts between privacy and autonomy and the public good, and decisions about protecting, killing and letting die, including healthcare, abortion, and euthanasia. The course includes an introduction to ethical values and principles, ways of dealing with moral disagreements, and reflection on what it means for something to be worth moral consideration.

P: Any 15 points at 100 level in PHIL, HSRV, HLTH, LAWS, or POLS, or any 60 points at 100 level from the Schedule V of the BA or the BSc.

R: PHIL324, POLS225

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

PHIL240-22S2 (C) Semester 2

PHIL240-22S2 (D) Semester 2

PHIL241 Special Topic

15 Points 0.1250 EFTS

Not offered in 2022

P: Any 15 points at 100 level in PHIL, or any 60 points at 100 level from the Schedule V of the BA or the BSc.

PHIL249 Environmental Ethics

15 Points 0.1250 EFTS

Humanity faces threatening environmental problems, not least climate change. Can science, technology and free markets provide the solutions - or must we reconsider our values and priorities? Is nature inherently valuable? What should be protected for future generations? Do we have moral duties to non-human animals, including endangered species? PHIL249 examines recent philosophical responses to these and other questions in environmental ethics. This course is for students in Arts, Science, Engineering, Business and Law; no background in philosophy is required.

P: Any 15 points at 100 level in PHIL, or any 60 points at 100 level from the Schedule V of the BA or the BSc.

RP: 15 points of 100 level Philosophy, or 30 points or more of humanities, social science, science, engineering, economics, or commerce studies and an interest in reflective critical debate.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

PHIL249-22SU1 (D) Summer (Jan 22)

PHIL249-22SU1 (C) Summer (Jan 22)

PHIL250 Turing: From the Computer Revolution to the Philosophy of AI

15 Points 0.1250 EFTS

Not offered in 2022

This course tells you (nearly) everything you ever wanted to know about Alan Turing, the birth of the computer, and the Philosophy of Artificial Intelligence. It is a problem-based course, equally suitable for Arts, Science, Engineering, and Law students.

P: Any 15 points at 100 level in PHIL, COSC, LING, MATH, or PSYC, or any 60 points at 100 level from the Schedule V of the BA or the BSc.

R: COSC260

EQ: COSC260

PHIL252 Cognitive Science

15 Points 0.1250 EFTS

Not offered in 2022

A philosophical introduction to Cognitive Science, including psychological, computational, and biological perspectives.

P: Any 15 points at 100 level in PHIL, or any 60 points at 100 level from the Schedule V of the BA or the BSc.

R: PHIL238 (before 2016)

EQ: PHIL238 (before 2016)

PACE395 Internship

30 Points 0.2500 EFTS

What can you do with your major? With your degree? The purpose of the internship course is to explore both the ideological and practical assumptions guiding this question. The course is designed to be a critical, theoretical and "real-world" examination of the practices and ideologies inherent in both community and business organisations. You will apply the analytical skills acquired through your major, and through class seminars and readings, to a project designed by a local company or community group. Please check out the website for further information and specific project descriptions: www.arts.canterbury.ac.nz/internships

P: 150 points, special application and interview, and permission of the Internship Director.

R: ARTS395

EQ: ARTS395

Domestic Fee: \$1,570 (2021)

International Fee: \$7,000 (2021)

PACE395-21SU2 (C)	Summer (Nov 21)
PACE395-22A (C)	Starts Anytime
PACE395-22S1 (C)	Semester 1
PACE395-22S2 (C)	Semester 2

Limited entry. See limitation of entry regulations. A student will be selected for a specific project. Only students accepted for projects will be allowed into the course. Please go to <http://www.arts.canterbury.ac.nz/internships> for more information.

PHIL303 Quarks, Quasars and Dinosaurs: The Philosophy of Science

15 Points 0.1250 EFTS

This course examines a number of ground breaking discoveries, breakthroughs and conceptual revolutions in the history of science, with an eye to the lessons they hold about what Science is and how it works. Fundamental questions the course considers are: How do scientists develop theories, test them, and adjudicate between rival explanations of natural phenomena? What is the scientific method? Why does this method yield such uncannily accurate predictions about future events? By what criteria can genuine sciences, like Physics, Chemistry and Biology, be distinguished from pseudosciences like Astrology and Homeopathy? Is Science progressing slowly but steadily towards a grand, unified Theory of Everything, or is the idea of scientific progress just a myth? Do the unobservable entities that scientists postulate - quarks, gluons, and their ilk - really exist, or are they merely predictively useful fictions? Should scientists try to verify their theories, or falsify them? What is scientific objectivity, and is it attainable? The course will be of interest to anyone fascinated by Science, its history, its aims, and its methods. It is intended to be especially valuable to scientists-in-training, in providing a broad perspective of the philosophical issues that hover over all scientific inquiry.

P: Any 30 points at 200 level in PHIL, or any 60 points at 200 level from the Schedule V of the BA or BSc.

R: PHIL203

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

PHIL303-22S2 (C) Semester 2

PHIL303-22S2 (D) Semester 2

PHIL305 Paradoxes

30 Points 0.2500 EFTS

Not offered in 2022

This course surveys a wide range of paradoxes and bizarre brain-twisters drawn from all corners of philosophy.

P: Any 30 points at 200 level in PHIL, COSC, or MATH, or any 60 points at 200 level from the Schedule V of the BA or BSc.

R: PHIL494, PHIL444

PHIL308 The Brain Gym: An Introduction to Logic

15 Points 0.1250 EFTS

An introduction to logical reasoning, critical analysis, and the art of proof.

P: Any 30 points at 200 level in PHIL, COSC, LING, MATH or from the BE(Hons), or any 60 points at 200 level from the Schedule V of the BA or BSc.

R: PHIL225, PHIL246, PHIL346, PHIL208, MATH208, MATH308

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

PHIL308-22S1 (C) Semester 1

PHIL308-22S1 (D) Semester 1

PHIL310 History of Philosophy

30 Points 0.2500 EFTS

This course introduces you to the philosophy of the early modern period. We shall pay particular attention to the epistemological and metaphysical questions addressed by Descartes in his Meditations and by Hume in Book 1 of his A Treatise of Human Nature. We also study Hume's moral theory in Bk. III of the Treatise, Locke's epistemology and Berkeley's metaphysics. Topics covered include rationalism and empiricism, dreaming, scepticism, proofs of the existence of God, mind-body dualism, idealism, the nature of self, personal identity, causation, reason and the passions. Is knowledge based on reason or experience? Can I be sure that I'm not dreaming? Can I be sure of anything? What, in any case, is this 'I'? What is the relationship between mind and body? What is it to remain the same person over time? Does the external world exist and, if so, what is its nature? Can 'ought' be derived from 'is'? Is morality based on reason or the passions?

P: Any 30 points at 200 level from PHIL, or any 60 points at 200 level from the Schedule V of the BA.

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

PHIL310-22S2 (D) Semester 2

PHIL310-22S2 (C) Semester 2

PHIL311 Meaning, Mind, and the Nature of Philosophy

30 Points 0.2500 EFTS

Do we think in words? If I say 'I'm in pain', do you really know what I mean? How can we talk about what doesn't exist - tomorrow, Harry Potter, or the possible world where you win \$1 million on Lotto? Can machines have concepts? Why does every attempt to solve a philosophical problem simply raise more problems, sometimes even worse ones? We look at central philosophical problems through the eyes of some of the greatest and most challenging philosophers of the 20th and 21st centuries.

P: Any 30 points at 200 level from PHIL, or any 60 points at 200 level from the Schedule V of the BA or the BSc.

R: PHIL464, PHIL497

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

PHIL311-22S1 (C) Semester 1

PHIL311-22S1 (D) Semester 1

PHIL312 Reason, Desire and Happiness: Hellenistic Philosophy

15 Points 0.1250 EFTS

Not offered in 2022

In ancient Greece and Rome, philosophy was thought to be more than simply a discipline of academic interest. Many philosophers saw themselves as being like physicians. If physicians treat and heal the body, the role of the philosopher is to provide comparable therapy for the soul so that we can live well and flourish. This view was common to Aristotle, the Epicureans, the Sceptics and the Stoics. This course introduces you to this philosophical tradition and to the work of its proponents. Topics covered include the relationship between emotion and reason, the value of true beliefs, the nature of erotic love, the fear of death, the basis of anger and aggression, the value of self-control, and the legitimate tasks and methods of philosophy.

P: Any 30 points at 200 level in PHIL, CLAS or HIST, or any 60 points at 200 level from the Schedule V of the BA.

R: PHIL212

PHIL314 Greek Philosophy

30 Points 0.2500 EFTS

Not offered in 2022

This course will survey the origins of Western philosophy in the ancient world, from the Milesians to the Stoics. We will focus on the emergence of rationality and the development of philosophical themes first articulated by the Presocratics, then in turn, by Plato and Aristotle, and beyond. Emphasis will be placed on the structure of knowledge, the nature of reality, aesthetics, and the contemplation of the good life.

P: Any 30 points at 200 level from CLAS or PHIL, or any 60 points at 200 level from the Schedule V of the BA.

R: PHIL224, CLAS224, CLAS324

EQ: CLAS324

PHIL317 Contemporary Political Philosophy

30 Points 0.2500 EFTS

Not offered in 2022

The study of politics focuses not only on how the political world operates, but also the normative question of how it ought to operate. Is redistribution of wealth justified? Do people have a right to what they earn in the market? Is equality of opportunity possible? Is it desirable? This course examines theories of distributive justice and their implications for economics and markets. Topics covered include: Utilitarianism; Rawls's theory of justice; Dworkin's equality of resources; Libertarianism; Universal basic income; Market socialism; Citizenship; and culture and politics.

P: Any 30 points at 200 level from PHIL or POLS, or any 60 points at 200 level from the Schedule V of the BA.

R: POLS301, POLS351

PHIL318 Philosophy of Religion: Rationality, Science, and the God Hypothesis

30 Points 0.2500 EFTS

Not offered in 2022

Why does the universe exist, rather than nothing at all? Does life imply a designer? Can we show by pure logic that a supreme being exists? Is a person a non-physical soul or only a neural net encased in a skull? Can I survive my death or is belief in an afterlife a trick of evolution? Isn't all the suffering in the world evidence against the hypothesis of a benevolent God? Can human beings tell what is morally right and wrong, or do we need a 'God's-eye-view'? Is science compatible with religion? Is there one and only one true religion? What is 'faith' and what is 'reason' - and who decides?

P: Any 30 points at 200 level from PHIL, or any 60 points at 200 level from the Schedule V of the BA or the BSc.

R: RELS210 and PHIL229

PHIL320 Special Topic

15 Points 0.1250 EFTS

Not offered in 2022

P: Any 30 points at 200 level from PHIL, or any 60 points at 200 level from the Schedule V of the BA.

R: HLTH407

Philosophy

PHIL321 Ethics

15 Points 0.1250 EFTS

This course looks at concepts and theories in normative ethics and meta-ethics. Normative ethics deals with the foundations of moral theory. What determines whether an action is right or wrong, good or bad? What principles should we live by? Utilitarianism, deontology and virtue ethics provide three influential answers. Part I of the course studies these theories in detail, considering the ideas of Mill, Kant and Aristotle along the way. Meta-ethics deals with second-order questions about ethical thought and talk. Are there moral facts and moral truths? Could moral judgements be objectively true? What is the relation between moral facts and scientific or natural facts? How, if at all, can we acquire moral knowledge? What role do the emotions play in moral judgement? Part II of the course focuses on these and similar questions.

P: Any 30 points at 200 level from PHIL, or any 60 points at 200 level from the Schedule V of the BA.

R: PHIL236

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

PHIL321-22S1 (C) Semester 1

PHIL324 Bioethics: Life, Death, and Medicine

15 Points 0.1250 EFTS

Bioethics is the study of ethical problems in healthcare, research, technology and the environment. Bioethical problems arise every day, affecting societies, people and non-human animals. This course covers a wide range of issues, including: research on human and non-human animals; reproductive technologies, such as surrogacy and genetic testing; the use of data to monitor and control human actions; conflicts between privacy and autonomy and the public good, and decisions about protecting, killing and letting die, including healthcare, abortion, and euthanasia. The course includes an introduction to ethical values and principles, ways of dealing with moral disagreements, and reflection on what it means for something to be worth moral consideration.

P: Any 30 points at 200 level in PHIL, LAWS, HLTH, or any 60 points at 200 level from the Schedule V of the BA.

R: PHIL240, POLS225

RP: PHIL139 or PHIL236

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

PHIL324-22S2 (C) Semester 2

PHIL324-22S2 (D) Semester 2

PHIL328 Independent Course of Study

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Head of Department

PHIL335 Cyberspace, Cyborgs and the Meaning of Life

15 Points 0.1250 EFTS

This course investigates a raft of questions - concerning mind, metaphysics, knowledge and human nature - thrown up by the ongoing revolution in information technology. These include: Might I attain immortality by porting myself into cyberspace? Am I already in cyberspace? Is the universe nothing but a computer? Should we fear a forthcoming Age of Robots? Is my iPhone part of my mind? Could a computer ever be programmed to be creative and intelligent, and to equal or exceed the problem solving capacities of the human brain?

P: Any 30 points at 200 level in PHIL, PSYC, DIGI, MATH or COSC, or any 60 points at 200 level from the Schedule V of the BA or the BSc.

R: PHIL235, DIGI202, DIGI302

EQ: DIGI302

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

PHIL335-22S2 (C) Semester 2

PHIL335-22S2 (D) Semester 2

PHIL343 Landmarks of Analytic Philosophy

15 Points 0.1250 EFTS

Not offered in 2022

This course is about major new discoveries and developments that have occurred in analytic philosophy during recent decades - developments that have forever changed how philosophers will approach major questions in metaphysics, epistemology, the philosophy of mind, and the philosophy of language. Topics covered will vary from year to year depending on student interest, but will typically include Quine's monumentally influential Two Dogmas of Empiricism, Saul Kripke's ground-breaking discoveries in Naming and Necessity, Hillary Putnam's writings about the strange planet of Twin Earth, David Lewis' famously counterintuitive theory that all coherently imaginable possible worlds exist 'out there' as universes parallel to this one, a powerful new framework for analysing possibility called 'two dimensional semantics', Thomas Nagel on the subject of the inner lives of bats, Donald Davidson's 'Swampman' thought experiment, and a mythical philosophical figure popularly known as 'Kripkenstein'.

P: Any 30 points at 200 level from PHIL, or any 60 points at 200 level from the Schedule B of the BA.

R: PHIL493

Postgraduate

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

PHIL431 History of Philosophy

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Head of Department.

R: HAPS407

PHIL433 Ancient Philosophy, Happiness and Desire

15 Points 0.1250 EFTS

Not offered in 2022

In ancient Greece, philosophy was thought to be more than simply a discipline of academic interest. Many philosophers saw themselves as analogous to physicians. If physicians treat and heal the body, the role of the philosopher is to provide comparable therapy for the soul in order that we can flourish and live well. This view was common to Aristotle, the Epicureans, the Sceptics and the Stoics. This course is designed to introduce students to this philosophical tradition and to the work of its proponents. Topics covered include the relationship between emotion and reason, the value of true beliefs, the nature of erotic love, the fear of death, the basis of anger and aggression, the value of self-control, and the legitimate tasks and methods of the philosophical enterprise.

P: Subject to approval of the Head of Department.

PHIL434 Bioethics B

15 Points 0.1250 EFTS

Not offered in 2022

This course will examine bioethics in theory and practice by looking at practical ethics problems facing health care workers and policy-makers. Topics will include consent and competence, privacy and confidentiality, ethics committees, research ethics, emergency situations, and public health and resource allocation.

P: Subject to approval of the Head of Department.

R: HLTH407, HLTH434

EQ: HLTH434

PHIL439 Formal Logic

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Head of Department.

PHIL445 Talking Art: Issues in Aesthetics

30 Points 0.2500 EFTS

Not offered in 2022

This course covers a wide range of conceptual problems raised by art - from poetry to painting to cinema to music. It utilises perspectives from a range of disciplines.

P: Subject to approval of the Head of Department.

R: ARTH422

EQ: ARTH422

PHIL447 Political Philosophy

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Head of Department.

R: POLS410

EQ: POLS410

PHIL449 Philosophy of Language

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Head of Department.

PHIL456 Philosophy of Science

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Head of Department.

R: HAPS401

PHIL458 Philosophy of Mathematics

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Head of Department.

R: HAPS410

PHIL469 Special Topic
15 Points 0.1250 EFTS
Not offered in 2022
P: Subject to approval of the Head of Department.
R: COMS408

PHIL474 Bioethics A
15 Points 0.1250 EFTS
Not offered in 2022
P: Subject to approval of the Head of Department.
R: HLTH407, HLTH433
EQ: HLTH433

PHIL475 Special Topic: Advanced Problems in Philosophy
30 Points 0.2500 EFTS
P: Subject to approval of the Head of Department.
Domestic Fee: \$1,937 (2021)
International Fee: \$8,250 (2021)
PHIL475-22S2 (C) Semester 2

PHIL479 Independent Course of Study
30 Points 0.2500 EFTS
P: Subject to approval of the Head of Department.
Domestic Fee: \$1,937 (2021)
International Fee: \$8,250 (2021)
PHIL479-22S1 (C) Semester 1

PHIL480 Research Essay
30 Points 0.2500 EFTS
P: Subject to approval of the Head of Department.
R: PHIL481; PHIL485
Domestic Fee: \$1,937 (2021)
International Fee: \$8,250 (2021)
PHIL480-22A (C) Starts Anytime
PHIL480-22W (C) Whole Year (S1 and S2)

PHIL482 Research Essay A
15 Points 0.1250 EFTS
P: Subject to approval of the Head of Department.
R: PHIL481; PHIL485; PHIL480
Domestic Fee: \$969 (2021)
International Fee: \$4,125 (2021)
PHIL482-22S2 (C) Semester 2

PHIL483 Research Essay B
15 Points 0.1250 EFTS
P: Subject to approval of the Head of Department.
R: PHIL481; PHIL485; PHIL480
Domestic Fee: \$969 (2021)
International Fee: \$4,125 (2021)
PHIL483-22S1 (C) Semester 1

PHIL486 Political Theory: Democracy, Citizenship and Culture
15 Points 0.1250 EFTS
Not offered in 2022
This course will analyse three topics in political philosophy: democracy, citizenship and culture which are useful in gaining a understanding of comparative political science or public policy.
P: Subject to approval of the Head of Department.
R: POLS408
EQ: POLS408

PHIL491 Independent Course of Study
15 Points 0.1250 EFTS
Not offered in 2022
P: Subject to approval of the Head of Department.

PHIL493 Landmarks of Analytic Philosophy
30 Points 0.2500 EFTS
This course is about major new discoveries and developments that have occurred in analytic philosophy - developments that have forever changed how philosophers will approach major questions in metaphysics, epistemology, the philosophy of mind, ethics, and the philosophy of language. Topics covered will vary from year to year depending on student interest, but may include Quine's monumentally influential Two Dogmas of Empiricism, Saul Kripke's ground-breaking discoveries in Naming and Necessity, Hillary Putnam's writings about the strange planet of Twin Earth, David Lewis' infamously counterintuitive theory that all coherently imaginable possible worlds exist 'out there' as universes parallel to this one, a powerful new framework for analysing possibility called 'two-dimensional semantics', Thomas Nagel on the subject of the inner lives of bats, Donald Davidson's 'Swampman' thought experiment, and a mythical philosophical figure popularly known as 'Kripkenstein'.
P: Subject to approval of the Head of Department.
R: PHIL343
Domestic Fee: \$1,937 (2021)
International Fee: \$8,250 (2021)
PHIL493-22S1 (C) Semester 1

PHIL494 Philosophical Logic
30 Points 0.2500 EFTS
Not offered in 2022
An introduction to central topics in philosophical logic. The course includes an introduction to the work of New Zealand philosopher Arthur Prior.
P: Subject to approval of the Head of Department.
R: PHIL305

PHIL495 Political Philosophy
30 Points 0.2500 EFTS
This course addresses themes in political philosophy. We discuss diverse questions from both the history of political philosophy and from recent debates.
P: Subject to approval of the Head of Department.
Domestic Fee: \$1,937 (2021)
International Fee: \$8,250 (2021)
PHIL495-22S2 (C) Semester 2

PHIL496 Cognitive Science
30 Points 0.2500 EFTS
Not offered in 2022
This course addresses philosophical themes in cognitive science. Cognitive scientists are philosophers, psychologists, neuroscientists, and computer scientists along with researchers from other disciplines. Questions we discuss are drawn from across these diverse areas. The central focus of this course consists of the philosophical concerns and challenges presented by the discoveries and methods of investigation used in cognitive science.
P: Subject to approval of the Head of Department.

PHIL497 Meaning, Mind, and the Nature of Philosophy
30 Points 0.2500 EFTS
Do we think in words? If I say, 'I'm in pain', do you really know what I mean? How can we talk about what doesn't exist - tomorrow, Harry Potter, or the possible world where you win \$1 million on Lotto? Can machines have concepts? Could you have been born in a different hemisphere, with different parents and the opposite sex? Why does every attempt to solve a philosophical problem simply raise more problems, sometimes even worse ones? We look at central philosophical problems through the eyes of some of the greatest and most challenging philosophers of the 20th and 21st centuries.
P: Subject to approval of the Head of Department.
R: PHIL311
Domestic Fee: \$1,937 (2021)
International Fee: \$8,250 (2021)
PHIL497-22S1 (C) Semester 1

PHIL498 History of Philosophy
30 Points 0.2500 EFTS
This course introduces you to the philosophy of the early modern period. We shall pay particular attention to the epistemological and metaphysical questions addressed by Descartes in his Meditations and by Hume in Book 1 of his A Treatise of Human Nature. We also study Hume's moral theory, Locke's epistemology and Berkeley's metaphysics. Topics covered include rationalism and empiricism, dreaming, scepticism, proofs of the existence of God, mind-body dualism, idealism, the nature of self, personal identity, causation, reason and the passions. Is knowledge based on reason or experience? Can I be sure that I'm not dreaming? Can I be sure of anything? When, in any case, is the 'I'? What is the relationship between mind and body? What is it to remain the same person over time? Does the external world exist, and, if so, what is it by nature? Can 'ought' be derived from 'is'? Is morality based on reason of the passions?
P: Subject to approval of the Head of Department.
R: PHIL310
Domestic Fee: \$1,937 (2021)
International Fee: \$8,250 (2021)
PHIL498-22S2 (C) Semester 2

Photography

PHIL499 Moral Psychology
30 Points 0.2500 EFTS

Not offered in 2022

In this course, moral judgement and behaviour is studied by experimental methods. Topics will include methods and approaches, tolerances of political differences, reasoning about morality, character and reputation, morality in the economy, judging intentions, free will, evolution and cultural approaches, and moral diversity.

P: Subject to approval of the Head of Department.

R: PSYC468

PHIL660 MA Dissertation
60 Points 0.5000 EFTS

MA Dissertation

P: Subject to approval of the Head of Department.

Domestic Fee: \$3,610 (2021)

International Fee: \$16,500 (2021)

PHIL660-22A (C) Starts Anytime

PHIL660-22S1 (C) Semester 1

PHIL660-22S2 (C) Semester 2

PHIL690 MA Thesis
120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$7,220 (2021)

International Fee: \$33,000 (2021)

PHIL690-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval.

PHIL695 MSc Thesis
120 Points 1.0000 EFTS

P: Subject to approval of the Programme Coordinator for Philosophy.

Domestic Fee: \$7,220 (2021)

International Fee: \$33,000 (2021)

PHIL695-22A (C) Starts Anytime

PHIL790 Philosophy PhD
120 Points 1.0000 EFTS

P: Subject to approval of the Programme Coordinator for Philosophy.

Domestic Fee: \$7,220 (2021)

International Fee: \$33,000 (2021)

PHIL790-22A (C) Starts Anytime

*Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Photography

Te Kura Kōwaiwai | Ilam School of Fine Arts

PHOT211 Photography 2A
45 Points 0.3750 EFTS

Students will be introduced to developing technical competence in, and broad operational of, theoretical knowledge within the specialised studio discipline. Projects relating to the conventions and techniques of Photography practice, participation in group meetings, critiques, reading groups and critical reflections, documentation of all work.

P: FINA103, or subject to approval of the Head of the School of Fine Arts. Entry to this course is limited.

Domestic Fee: \$2,675 (2021)

International Fee: \$12,938 (2021)

PHOT211-22S1 (C) Semester 1

PHOT212 Photography 2B
45 Points 0.3750 EFTS

Students will continue the development of technical competence in, and broad operational of, theoretical knowledge within the specialised studio discipline. Projects relating to the conventions and techniques of Photography practice, participation in group meetings, critiques, reading groups and critical reflections, documentation of all work.

P: PHOT211, or subject to approval of the Head of the School of Fine Arts. Entry to this course is limited.

Domestic Fee: \$2,675 (2021)

International Fee: \$12,938 (2021)

PHOT212-22S2 (C) Semester 2

PHOT311 Photography 3
90 Points 0.7500 EFTS

P: PHOT212

Domestic Fee: \$5,351 (2021)

International Fee: \$25,875 (2021)

PHOT311-22W (C) Whole Year (S1 and S2)

PHOT411 Photography 4
90 Points 0.7500 EFTS

P: PHOT311

Domestic Fee: \$5,351 (2021)

International Fee: \$25,875 (2021)

PHOT411-22W (C) Whole Year (S1 and S2)

Postgraduate

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

PHOT601 Photography
120 Points 1.0000 EFTS

P: Subject to approval of the Head of School.

Domestic Fee: \$7,900 (2021)

International Fee: \$37,500 (2021)

PHOT601-22A (C) Starts Anytime

Physical Education

Te Kura Mātai Hauora | School of Health Sciences

TEPE 305 Social Context of Physical Education
15 Points 0.1250 EFTS

Not offered in 2021

Understand how to create equitable, ethical and socially-just learning environments through pedagogical practices, and critically examine the relationships between physical education, physical activity, sport, culture and education. Explore the dominant hegemonic practices in physical education programmes.

P: TEPE 201

TEPP 341 Professional Practice 3
15 Points 0.1250 EFTS

Not offered in 2021

Experience intensive school based teaching practice and apply socio-cultural learning theory and pedagogies while also integrating the skills and knowledge gained through the other courses.

P: TEPP 241

C: TEPS 341, TEPE 301

TEPP 342 Professional Practice 4
15 Points 0.1250 EFTS

Not offered in 2021

Observe, plan, teach and assess whole lessons in the senior secondary school. As the placement progresses you take a greater role in planning and teaching a sequence of lessons, ultimately building towards teaching a unit of work with at least one class. You will take an increased responsibility for managing the learning environment including preventative management of students and continue to develop your ability to implement socio-cultural learning theory and pedagogies.

P: TEPP 341

C: TEPS 342

TEPP 343 Professional Practice 5
15 Points 0.1250 EFTS

Not offered in 2021

Take responsibility for all aspects of planning, teaching and assessing a unit of work at different class levels and catering for diverse learners. Utilise a range of socio-cultural/critical pedagogies and demonstrate increased responsibility for class management including corrective management of students.

P: TEPP 342 and TEPS 342

C: TEPS 441

R: EDTP 331

TEPS 341 Professional Studies 3
15 Points 0.1250 EFTS

Not offered in 2021

Explore humanist and relational approaches to managing student behaviour, and understand the application of socio-cultural learning theory and pedagogy to facilitate learning.

P: TEPS 241

Physics

Te Kura Matū | School of Physical and Chemical Sciences

PHYS101 Engineering Physics A: Mechanics, Waves, Electromagnetism and Thermal Physics

15 Points 0.1250 EFTS

This is a required course for all Engineering Programmes as well as Physics and Astronomy degrees. PHYS101 builds on NCEA level 3 physics to develop Mechanics, Conservation Laws, Fluids, Waves, Thermal Physics, and Electromagnetism into an essential foundation for science and technology understanding.

P: 1) a) PHYS111 or NCEA 14 credits (18 credits strongly recommended) at level 3 Physics, and b) MATH101 or 14 Credits (18 credits strongly recommended) at level 3 Mathematics (including the standards 'Apply differentiation methods in solving problems (91578)' and 'Apply integration methods in solving problems(91579)), or 2) Cambridge: D at A level or an A at AS level in both Physics and Mathematics, or 3) IB: 4 at HL or 6 at SL in both Physics and Mathematics, or 4) approval of the Head of Department based on alternative prior learning.

R: PHYS113, PHYS112

EQ: PHYS113

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

PHYS101-22S1 (C) Semester 1

PHYS101-22S1 (D) Semester 1

PHYS101-22S2 (C) Semester 2

PHYS101-22S2 (D) Semester 2

PHYS102 Engineering Physics B: Modern Physics and Electromagnetism (2)

15 Points 0.1250 EFTS

An essential course for students advancing in physical sciences and engineering who need a good understanding of electromagnetism and concepts of modern physics. The first section introduces aspects of modern physics such as quantum effects in atoms and materials, radioactivity and nuclear processes. The second section covers the E&M necessary to understand basic circuit theory, magnetic field concepts and finally applications such as power technology and electronics.

P: PHYS101. These prerequisites may be replaced by other background as approved by Head of Department

R: PHYS114, PHYS115

EQ: PHYS114

Domestic Fee: \$910 (2021)

International Fee: \$4,438 (2021)

PHYS102-21SU2 (C) Summer (Nov 21)

PHYS102-22S2 (C) Semester 2

PHYS102-22S2 (D) Semester 2

PHYS109 The Cosmos: Birth and Evolution

15 Points 0.1250 EFTS

Not offered in 2022

ASTR109 / PHYS 109 will take you on a grand tour of the universe! We will survey a range of topics in Astronomy, Astrophysics and Cosmology beginning with the denizens of our solar system and expanding outward to visit exotic stars and distant galaxies. During the journey we will learn about how the universe works and will highlight the key discoveries that have led us to this understanding.

R: (1) ASTR109. (2) Students who have been credited with ASTR112 cannot subsequently be credited with PHYS109.

EQ: ASTR109

PHYS111 Introductory Physics for Physical Sciences and Engineering

15 Points 0.1250 EFTS

Classical dynamics, oscillations, temperature and heat, D.C. circuits, geometrical optics and interference, nuclear physics.

R: Students who have been credited with any of PHYS101, PHYS102, PHYS113 or PHYS114 cannot subsequently be credited with PHYS111.

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

PHYS111-22S1 (C) Semester 1

PHYS111-22S1 (D) Semester 1

PHYS111-22S2 (C) Semester 2

PHYS111-22S2 (D) Semester 2

PHYS203 Relativistic and Quantum Physics

15 Points 0.1250 EFTS

Introduction to relativistic mechanics, including space-time transformations, dynamics and collisions of relativistic particles. Introduction to quantum physics, bringing out its applications, including wave-particle duality, one dimensional barriers and wells, electron spin, electron configuration of atoms, lasers, semiconductors and quantum dots.

P: (1) PHYS102 or (PHYS101 and CHEM211); (2) MATH102 or EMTH118. These prerequisites may be replaced by a high level of achievement in level 3 NCEA Physics and Mathematics with Calculus or other background approved by the Head of Department.

R: PHYS222

RP: MATH103 or EMTH119.

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

PHYS203-22S2 (C) Semester 2

PHYS203-22S2 (D) Semester 2

PHYS205 Waves, Optics and Mechanics

15 Points 0.1250 EFTS

In this course we study the physics of wave oscillations and their applications in numerous different physical systems. The geometric theory of image formation is developed and applied to various optical instruments. We will study interference and diffraction problems using Fourier techniques. Its use in optical instruments such as diffraction grating spectrometers, interferometers and lasers is highlighted. The course will also provide a review of 100 level mechanics material and then develop a deeper understanding of mechanics than addressed at 100-level, particularly the motion of rotating bodies and the application of these ideas to real-world systems such as the weather and orbits.

P: (1) PHYS101; (2) MATH102 or EMTH118. These prerequisites may be replaced by a high level of achievement in level 3 NCEA Physics and Mathematics with Calculus or other background approved by the Head of Department.

R: PHYS201, PHYS202

RP: (1) PHYS102; (2) MATH103 or EMTH119; (3) COSC131 or COSC121.

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

PHYS205-22S1 (C) Semester 1

PHYS205-22S1 (D) Semester 1

PHYS206 Electromagnetism and Materials

15 Points 0.1250 EFTS

The treatment of electromagnetic forces and potentials in vector form. Development of the fundamental laws of electromagnetism through to the Maxwell equations in integral form. Practical application of electromagnetic theory to various physical situations. Introduction to modern materials starting with their different classifications, their physical structure and their basic electronic properties. Later sections will include discussion of nanomaterials and semiconductors. Frequent reference will be made to the technological relevance of the material as well as the basic physics at its foundation.

P: (1) PHYS102 or (PHYS101 + CHEM211); (2) MATH102. These prerequisites may be replaced by a high level of achievement in level 3 NCEA Physics and Mathematics with Calculus or other background approved by the Head of Department.

R: PHYS202, PHYS314

RP: MATH103 or EMTH119.

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

PHYS206-22S2 (C) Semester 2

PHYS206-22S2 (D) Semester 2

PHYS208 Special Topic

15 Points 0.1250 EFTS

Not offered in 2022

P: Admission only by permission of the Head of Department

PHYS209 Special Topic

15 Points 0.1250 EFTS

Not offered in 2022

P: Admission only by permission of the Head of Department

PHYS285 Technical and Professional Skills for Physicists

15 Points 0.1250 EFTS

A laboratory based course in experimental techniques, data acquisition and analysis, scientific writing and career skills for second-year physics/astronomy students.

P: (1) PHYS101; and (2) MATH102 or EMTH118; and (3) COSC131 or COSC121 or another approved course in computer programming. These prerequisites may be replaced by a high level of achievement in level 3 NCEA Physics and Mathematics with Calculus or other background approved by the Head of Department.

R: PHYS281, PHYS282

RP: (1) PHYS102; and (2) MATH103 or EMTH119

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

PHYS285-22S1 (C) Semester 1

PHYS310 Thermal, Statistical and Particle Physics

15 Points 0.1250 EFTS

Development of statistical mechanics from thermodynamic principals. Entropy interpreted from both the thermodynamic and statistical viewpoint. Applications in nuclear and particle physics including radioactivity.

P: (1) PHYS203; (2) MATH103 or EMTH119 or MATH201.

R: PHYS204, PHYS440

RP: MATH201

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

PHYS310-22S1 (C) Semester 1

Physics

PHYS311 Quantum Mechanics

15 Points 0.1250 EFTS

Development of quantum mechanics from basic postulates, using operator techniques, with application of the formalism to a variety of systems; time-independent perturbation theory.

P: (1) PHYS203 or (PHYS206 and CHEM251); (2) MATH103 or EMTH119 or MATH201.

RP: MATH201 and MATH203

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

PHYS311-22S1 (C) Semester 1

PHYS313 Advanced Electromagnetism and Materials

15 Points 0.1250 EFTS

The development of the Maxwell equations in differential form. The propagation of electromagnetic waves in free space, dielectrics and conducting media, their behaviour at dielectric interfaces and their production from radiating sources. Advanced topics in modern materials science. Development of the electronic theory of solids leading to band-structure calculations and on to band-structure engineering in quantum architectures. Advanced semiconductor physics including devices in modern opto-electronics.

P: (1) PHYS206; (2) PHYS203 or CHEM211; (3) MATH103 or EMTH119 or MATH201.

R: PHYS312, PHYS314, PHYS443

RP: MATH201

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

PHYS313-22S2 (C) Semester 2

PHYS319 Atmospheric, Oceanic and Climate Dynamics

15 Points 0.1250 EFTS

Not offered in 2022

Principles of the dynamics of a rotating fluid applied to large-scale motion of the Earth's atmosphere, oceans and climate will be detailed. The first portion of the course will focus on atmospheric thermodynamics and large-scale dynamics in the atmosphere. Details of the global energy balance driving the observed general circulation of the atmosphere and the impacts of variations in atmospheric composition (changes in greenhouse gases) and solar irradiance on this energy balance and climate change will be discussed. The latter section of this course will examine ocean dynamics and their linkages to atmospheric circulations, the El Niño Southern oscillation will be used as an example of atmosphere-ocean linkages in this discussion.

P: (1) PHYS201 or PHYS205; (2) PHYS202 or PHYS203 or PHYS206 (3) MATH103 or EMTH119 or MATH201.

R: PHYS316, PHYS418, PHYS419

RP: MATH202

PHYS323 Laser Physics and Modern Optics

15 Points 0.1250 EFTS

The aim of this course is to discuss the physics of the atom-radiation interaction, optical materials, laser physics as well as quantum and non-linear optics with particular reference to key topical applications such as femtosecond lasers and non-linear spectroscopy.

P: (1) PHYS203; (2) PHYS206; (3) MATH103 or MATH109 or EMTH119 or MATH201.

R: PHYS413

RP: PHYS205, MATH201

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

PHYS323-22S1 (C) Semester 1

Offered in odd-numbered years.

PHYS326 Classical Mechanics and Symmetry Principles

15 Points 0.1250 EFTS

The Lagrangian and Hamiltonian formulations of classical mechanics which provide essential preparation for all advanced courses in theoretical physics. Techniques learned have wide use in advanced quantum mechanics, quantum field theory, general relativity, particle physics and statistical mechanics.

P: (1) PHYS202 or PHYS205; (2) PHYS203; (3) MATH201

RP: MATH202 and MATH203

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

PHYS326-22S1 (C) Semester 1

PHYS327 Special Topic

15 Points 0.1250 EFTS

Not offered in 2022

P: (1) Subject to approval of the Head of Department; (2) MATH103 or MATH109 or equivalent.

PHYS328 Special Topic

15 Points 0.1250 EFTS

Not offered in 2022

P: (1) Subject to approval of the Head of Department.; (2) MATH103 or MATH109 or equivalent.

PHYS329 Special Topic: Physics in Industry Project

15 Points 0.1250 EFTS

Not offered in 2022

P: (1) Subject to approval of the Head of Department; (2) MATH103 or MATH109 or equivalent.

C: The Head of Department approved programme of study for the year must include PHYS381 or ASTR381.

R: ENME408, ENEL400, ENMT401

PHYS330 Environmental and climate modelling

15 Points 0.1250 EFTS

This is a hands-on course in which students will learn the fundamentals of modelling the Earth's climate system. Using the Python programming language, students will develop parameterisations for simple climate models, and learn how to run more advanced models. Students will learn how models are used to support decision making through geoinformatics and science in the areas of: climate change; air pollution; the ozone layer; numerical weather prediction, and its application in renewable energy and agricultural meteorology. Particular focus will be given to how these issues affect Aotearoa New Zealand and the wider Pacific.

P: (COSCI21 or EMTH171 or BIOL209) AND (PHYS285 or ENVR201 or GEOG201)

R: PHYS430

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

PHYS330-22S2 (C) Semester 2

PHYS381 Advanced Experimental Physics and Astronomy

15 Points 0.1250 EFTS

Execution and write-up of selected laboratory experiments.

P: (1) PHYS285; (2) 30 points from PHYS201-206 including either PHYS202 or PHYS205; (3) MATH103 or EMTH119 or MATH201.

R: ASTR381

RP: MATH201

EQ: ASTR381

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

PHYS381-22S2 (C) Semester 2

This course is normally taken in Semester 2. Entry for SU2 or S1 will only be granted by the HOD in exceptional circumstances.

PHYS391 Introductory Physics Research

15 Points 0.1250 EFTS

150 hours of research undertaken with the supervision of an active researcher. To be assessed with an oral presentation 20%, and a short written report 80%. This course may be started at any time with the agreement of the HOD. Note that start and end dates may affect entitlement to Studylink support.

P: (1) MATH103 or MATH109 or equivalent (2) 44 points from PHYS200 (3) Entry subject to a supervisor approved by the Head of Department, being available

Domestic Fee: \$910 (2021)

International Fee: \$4,438 (2021)

PHYS391-21SU2 (C) Summer (Nov 21)

PHYS391-22S1 (C) Semester 1

PHYS391-22S2 (C) Semester 2

(1) Cannot be credited to the 56 points at 300 level PHYS required for a PHYS major. (2) Comprises 150 hours Research Practice.

Postgraduate

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

PHYS407 Research Tools

15 Points 0.1250 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

PHYS407-22S1 (C) Semester 1

PHYS407-22W (C) Whole Year (S1 and S2)

PHYS411 Advanced Quantum Mechanics

15 Points 0.1250 EFTS

P: Subject to approval of the Head of Department

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

PHYS411-22S1 (C) Semester 1

PHYS412 Advanced Condensed Matter Physics

15 Points 0.1250 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

PHYS412-22S1 (C) Semester 1

PHYS413 Laser Physics and Modern Optics

15 Points 0.1250 EFTS

P: Subject to approval of the Head of Department.

R: PHYS323

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

PHYS413-22S1 (C) Semester 1**PHYS415 General Relativity**

15 Points 0.1250 EFTS

This course introduces the foundations of general relativity - Einstein's theory of gravitational interactions - with applications. We begin with a physical motivation for general relativity in terms of the equivalence principle and tidal forces. We then develop the mathematical framework of differential geometry needed for working in curved space-time. Equipped with the machinery of connections, covariant derivatives, and the Riemann curvature tensor we will investigate the geodesic equations and Einstein's equations, which describe the dynamic relationship between matter and geometry. Applications will include the determination of orbits near stars and black holes, and the bending of light.

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

PHYS415-22S2 (C) Semester 2**PHYS416 Quantum Field Theory**

15 Points 0.1250 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

PHYS416-22S2 (C) Semester 2**PHYS419 Atmospheric, Oceanic and Climate Dynamics**

15 Points 0.1250 EFTS

Not offered in 2022

Principles of the dynamics of a rotating fluid applied to large-scale motion of the Earth's atmosphere, oceans and climate will be detailed. The first portion of the course will focus on atmospheric thermodynamics and large-scale dynamics in the atmosphere. Details of the global energy balance driving the observed general circulation of the atmosphere and the impacts of variations in atmospheric composition (changes in greenhouse gases) and solar irradiance on this energy balance will be discussed. The latter section of this course will examine ocean dynamics and their linkages to atmospheric circulations, the El Niño Southern oscillation will be used as an example of atmosphere-ocean linkages in this discussion.

P: (1) PHYS201 or PHYS202 or PHYS203; (2) MATH103 or MATH109 or EMTH119 or MATH201.

R: PHYS316, PHYS418, PHYS446, PHYS319

RP: MATH202

PHYS420 Special Topic

20 Points 0.1670 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,448 (2021)

International Fee: \$6,680 (2021)

PHYS420-22S1 (C) Semester 1**PHYS421 Special Topic**

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Head of Department.

PHYS423 Special Topic

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Head of Department.

PHYS427 Special Topic

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Head of Department.

PHYS430 Environmental and climate modelling

15 Points 0.1250 EFTS

This is a hands-on course in which students will learn the fundamentals of modelling the Earth's climate system. Using the Python programming language, students will develop parameterisations for simple climate models, and learn how to run more advanced models. Students will learn how models are used to support decision making through geoinformatics and science in the areas of: climate change; air pollution; the ozone layer; numerical weather prediction, and its application in renewable energy and agricultural meteorology. Particular focus will be given to how these issues affect Aotearoa New Zealand and the wider Pacific.

P: (COSCI21 or EMTH171 or BIOL209) AND PHYS319

R: PHYS330

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

PHYS430-22S2 (C) Semester 2**PHYS440 Thermal, Statistical and Particle Physics**

15 Points 0.1250 EFTS

Development of statistical mechanics from thermodynamic principals. Entropy interpreted from both the thermodynamic and statistical viewpoint. Applications in nuclear and particle physics including radioactivity.

P: (1) PHYS203; (2) MATH201.

R: PHYS204, PHYS310

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

PHYS440-22S1 (C) Semester 1**PHYS441 Quantum Mechanics**

15 Points 0.1250 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

PHYS441-22S1 (C) Semester 1**PHYS443 Advanced Electromagnetism and Materials**

15 Points 0.1250 EFTS

The development of the Maxwell equations in differential form. The propagation of electromagnetic waves in free space, dielectrics and conducting media, their behaviour at dielectric interfaces and their production from radiating sources. Advanced topics in modern materials science. Development of the electronic theory of solids leading to band-structure calculations and on to band-structure engineering in quantum architectures. Advanced semiconductor physics including devices in modern opto-electronics.

P: (1) PHYS203; (2) PHYS206; (3) MATH103 or MATH109 or EMTH119 or MATH201.

R: PHYS312, PHYS313, PHYS314, PHYS442, PHYS444

RP: PHYS205, MATH201

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

PHYS443-22S2 (C) Semester 2**PHYS456 Classical Mechanics**

15 Points 0.1250 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

PHYS456-22S1 (C) Semester 1**PHYS480 Physics Research Project**

30 Points 0.2500 EFTS

An independent research project in Physics for 400-level students

P: Entry is subject to approval of the Head of Department

Domestic Fee: \$2,168 (2021)

International Fee: \$10,000 (2021)

PHYS480-22A (C) Starts Anytime**PHYS480-22S1 (C) Semester 1****PHYS493 Research Project**

15 Points 0.1250 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,066 (2021)

International Fee: \$4,938 (2021)

PHYS493-21SU2 (C) Summer (Nov 21)**PHYS493-22S1 (C) Semester 1****PHYS493-22S2 (C) Semester 2****PHYS495 Introduction to Physics Education Research**

15 Points 0.1250 EFTS

This courses develops knowledge of research into teaching and learning as applied particularly to first-year level Physics. It reviews modern literature on Physics Education research. Students will combine knowledge gained in this course with their own experience in running tutorials and laboratories to develop plans for improved learning in those areas.

P: Subject to permission of Head of Department.

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

PHYS495-22S1 (C) Semester 1*Cannot be credited to a postgraduate degree.*

Plant Biology

PHYS690 MSc Thesis

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$8,172 (2021)

International Fee: \$40,000 (2021)

PHYS690-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval.

PHYS790 Physics PhD

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$8,172 (2021)

International Fee: \$40,000 (2021)

PHYS790-22A (C) Starts Anytime

*Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Plant Biology

Te Kura Pūtaiao Koiora | School of Biological Sciences

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

PBIO480 Project

30 Points 0.2500 EFTS

A written report on a research project approved by the Head of School of Biological Sciences. The report must be completed and presented by the due date in the year in which the student presents the courses selected from BIOL401-493 (refer to degree schedule).

P: Subject to approval of the Head of School

Domestic Fee: \$2,168 (2021)

International Fee: \$10,000 (2021)

PBIO480-22W (C) Whole Year (S1 and S2)

PBIO690 MSc Thesis

120 Points 1.0000 EFTS

P: Subject to the approval of the Head of Department.

Domestic Fee: \$8,172 (2021)

International Fee: \$40,000 (2021)

PBIO690-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval.

PBIO790 Plant Biology PhD

120 Points 1.0000 EFTS

P: Subject to approval of the Head of School.

Domestic Fee: \$8,172 (2021)

International Fee: \$40,000 (2021)

PBIO790-22A (C) Starts Anytime

*Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Political Science and International Relations

Te Kura Mātāpuna Tangata | School of Language, Social and Political Sciences

POLS102 Politics: An Introduction

15 Points 0.1250 EFTS

This course introduces the basic tools and techniques used in political science, including essay writing, methods of analysis, and formulation of hypotheses. It also introduces students to a selection of key theories and frameworks. It covers topics such as democracy, authoritarianism, people's power, civil society, conflict, globalisation, and the future of our world. This course will be of great benefit to Political Science majors of all levels and to students who desire a broad-based introduction to the field.

Domestic Fee: \$785 (2021)

International Fee: \$3,500 (2021)

POLS102-21SU2 (D) Summer (Nov 21)

POLS102-22S1 (C) Semester 1

POLS102-22S1 (D) Semester 1

POLS103 Introduction to New Zealand Politics and Policy

15 Points 0.1250 EFTS

How are decisions made in New Zealand? Who has how much power in this process? How can citizens, businesses, iwi, and a diverse range of groups have a say? This course is an introduction to New Zealand politics and public policy. The course examines the core features of New Zealand's political landscape: The constitution, how MMP works, the roles of leaders, cabinet and parliament, and then explores issues that matter to the public, and asks how citizens can participate in politics, what role powerful groups including the media play in decision making and how new, diverse voices can be heard, including your own. The course includes a field day working in local communities learning about leadership and public attitudes.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

POLS103-22S1 (C) Semester 1

POLS104 Introduction to International Relations

15 Points 0.1250 EFTS

This course provides a broad introduction to the core issues and theories related to the study of international relations. Students will be introduced to the discipline through a study of key historical events, prominent theories of international relations, and a variety of practical examples.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

POLS104-22S1 (C) Semester 1

POLS104-22S1 (D) Semester 1

POLS105 Comparing the Politics of Nations: A Global Introduction

15 Points 0.1250 EFTS

This course serves as an introduction to the basics of comparative political studies. It is designed to provide the student with a broad comparative overview of the world's political systems. The main objective is to give students the necessary tools to assess and understand the differences in political culture, political organizations, governmental structures, and political behaviour.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

POLS105-22S2 (C) Semester 2

POLS106 Plato to Nato: Introduction to Political Thought

15 Points 0.1250 EFTS

What's the right thing for a group of people to do? How does a society know it is well governed? How do you know you are doing the right thing for your country, or your fellow citizens, or how that will impact on your family and friends? Who matters more, your family or your fellow citizens? The best way to answer these questions has been debated for more than over 2000 years. This course is an introduction to the thinkers that have suggested answers to these questions and influenced everyone from Plato to Trump and you. In this course, you will study the evolution of the ideas that form the building blocks of the political and social sciences. The course traverses the political ideas that arose in the Greek and Roman civilisations, the Renaissance, the birth of America, the death of the English and French despotic monarchies, and the great traumas of socialism, Marxism and the political upheavals that followed the wars of the 20th century. We will trace the changes in the fundamental political concepts such as freedom, equality, rights, justice, government, the state, markets, and domination.

R: PHIL145

EQ: PHIL145

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

POLS106-22S2 (C) Semester 2

POLS106-22S2 (D) Semester 2

POLS137 Computers, Artificial Intelligence, and the Information Society

15 Points 0.1250 EFTS

Not offered in 2022

Our art, culture, politics, society, and economy are powered by computing machines. This course will provide a history of computing from the 1930s to the present day, offering students an introduction to the fundamentals of computing technology, the corporations who sell us our devices and software, and moral and ethical issues at the heart of the information society. The course also examines Artificial Intelligence. What is AI and can it be achieved? How could you tell whether a computer has a mind? Is the human brain in fact a computer?

R: PHIL137, DIGI102

EQ: PHIL137, DIGI102

POLS202 International Relations and Humanitarian Ideals

15 Points 0.1250 EFTS

Not offered in 2022

This course examines the intersection of international relations and humanitarian ideals. It examines debates over the meaning of sovereignty, the role of identity and ethnicity in war, and the impact of human rights in international and global politics. These issues are illustrated via case studies of humanitarian intervention and the war on terror.

P: Any 15 points at 100 level from POLS, or any 60 points at 100 level from the Schedule V of the BA, or LAWS, GEOG, or the Schedule V of the BCom.

POLS203 World Politics: Islamic Societies
15 Points 0.1250 EFTS

Not offered in 2022

Consequences of socio-economic and political change in selected Islamic states.

P: Any 15 points at 100-level from POLS, or any 60 points at 100 level from Schedule V of the BA, or LAWS, GEOG, or Schedule V of the BCom.

R: ARTS115

POLS205 Politics of the United States of America

15 Points 0.1250 EFTS

This course focuses on the institutions and government of the United States. Topics include civil rights and civil liberties, the Courts, Presidential-Congressional relations, the national security establishment (e.g. the military and Central Intelligence Agency), the Trump Administration, and the 2020 Presidential election. We also consider key foreign policy issues such as the U.S. in the Asia-Pacific region, U.S.-China relations, U.S.-North Korea relations, and the global significance of the U.S. economy. Particular attention will be given to the dynamics of the 2020 Presidential election.

P: Any 15 points at 100 level from POLS, or any 60 points at 100 level from the Schedule V of the BA, or LAWS, GEOG, or the Schedule V of the BCom.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

POLS205-22S2 (C) Semester 2

POLS206 Introduction to Public Policy and Policy Analysis

15 Points 0.1250 EFTS

This course introduces concepts of and approaches to public policy analysis and evaluation. The course examines the interaction of expertise, society, and public policy and clarifies the intricacies of the policy process in light of technological and social change.

P: Any 15 points at 100 level from HLTH, HSRV, or POLS, or any 60 points at 100 level from the Schedule V of the BA, or LAWS, GEOG, or the Schedule V of the BCom.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

POLS206-22S1 (C) Semester 1

POLS208 Global Politics: Party Politics and Elections in Contemporary Democracies

15 Points 0.1250 EFTS

Not offered in 2022

This course is a study of the context and issues of politics and governance of contemporary democracies. Using a comparative analytical approach, the course examines the role of political institutions (formal and informal) and political development on political dynamics, behaviour and participation in these societies.

P: Any 15 points at 100 level from POLS, or any 60 points at 100 level from the Schedule V of the BA, or LAWS, GEOG, or the Schedule V of the BCom.

POLS209 Politics of International Aid and Development

15 Points 0.1250 EFTS

This course introduces the main discourses, theories and practices related to the discipline of international development studies and its actors. We will first study the contentious history of the discipline which remains at times influenced by its colonial roots. This historical view will be key in appreciating how, since the end of World War II, global and regional political and economic contexts have informed the rise - and fall - of development theories and practices. Building on these historical insights, the course then turns to the politics of development aid and its actors. Here, a critical analysis of the drivers and practices for and around aid allocation will be pivotal in assessing the impact of aid on the ground. We will discuss key debates in relation to why and how governments give aid (bilateral and multilateral aid) and why, despite billions of dollars spent on international aid over time, poverty still plagues many countries across the Global South. The third part of the course turns to international private aid flows. Here we will discuss the trends and issues that arise from a proliferation of private actors in the aid industry: foundations, corporations, Non-Governmental Organisations (NGOs) and broader civil society movements. Practical case studies will be utilised throughout the course, by reference to a variety of historical events, case studies of actors in the field such as the World Bank, NZAid, and Oxfam, as well as guest experts from the field.

P: Any 15 points at 100 level from POLS, or any 60 points at 100 level from the Schedule V of the BA, or LAWS, GEOG, or the Schedule V of the BCom.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

POLS209-22S2 (C) Semester 2

POLS210 Democratic Uprisings and Political Participation

15 Points 0.1250 EFTS

With democracy increasingly coming under attack around the world, this course examines democratic uprisings, with a primary focus on people's power uprisings in Southeast Asia and the Middle East, popularly known as the "Arab Spring". It examines the causes of uprisings, the factors that lead to success or failure, and the role of both traditional and social media in the uprisings. It considers when newly created democracies are most likely to succeed and when they are likely to fail. Last, we consider the threats to contemporary democracies, particularly new democracies, but also with some reflection on more established democracies like our own.

P: Any 15 points at 100 level from POLS, or any 60 points at 100 level from the Schedule V of the BA, or LAWS, GEOG, or the Schedule V of the BCom.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

POLS210-22S2 (C) Semester 2

POLS210-22S2 (D) Semester 2

POLS211 China from Mao to Now

15 Points 0.1250 EFTS

Not offered in 2022

This course will provide an introduction to the domestic politics and foreign policy of the People's Republic of China and Taiwan (Republic of China).

P: Any 15 points at 100 level from POLS, or any 60 points at 100 level from the Schedule V of the BA, or LAWS, GEOG, or the Schedule V of the BCom.

POLS212 Global and International Political Economy

15 Points 0.1250 EFTS

This course examines the politics of global economic relations. It will focus on issues of international trade, the international monetary system, and foreign investment-and the relationship of each to both domestic and international politics. Among the specific topics to be discussed are: trade and protectionism, the role and performance of global institutions such as the IMF, World Bank, and WTO, the significance of multinational corporations, efforts at regional economic integration such as the EU and NAFTA, the relationship of the world economy to the economic development of poor countries, the emergence of new economic players such as China and India, and the relationship between economic strength and political power.

P: Any 15 points at 100 level from POLS, or any 60 points at 100 level from the Schedule V of the BA, or LAWS, GEOG, or the Schedule V of the BCom.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

POLS212-22S1 (C) Semester 1

POLS216 City Politics and Urban Policy

15 Points 0.1250 EFTS

This is the century of the city. By 2050, seven in ten people on the planet will be living in an urban area. Many of the rapidly growing cities are larger than small nations. How do cities make decisions? How do citizens in cities effect change? This course examines local and regional community politics in rapidly developing urban areas and struggling regions; in particular the course examines the role and function of local democracy through the lens of public participation in key policy issues. Discussion and analysis considers the role of the public in policy formulation, and implementation at neighbourhood, city and regional level; and the relationship between local and central government and international agencies and considers the changing roles and challenges of local governance. There is a special focus on the politics of disasters and community recovery. Teaching includes field trips in both Christchurch and Westport field centre.

P: Any 15 points at 100 level from POLS, or any 60 points at 100 level from the Schedule V of the BA, or LAWS, GEOG, or the Schedule V of the BCom.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

POLS216-22S1 (C) Semester 1

POLS219 Global and International Politics: Foreign Policy Analysis

15 Points 0.1250 EFTS

Not offered in 2022

This course provides a comprehensive introduction to the theory and empirics of foreign policy analysis. The first part of the course addresses some general questions about the subject, such as: what is foreign policy and how do we study it? It then examines key factors and approaches in foreign policy analysis, beginning with traditional rational actor and bureaucratic decision-making approaches, and ending with more recent trans-national perspectives. Case studies are used throughout to demonstrate the strengths and weaknesses of the different theoretical approaches, with the emphasis on foreign policy doctrine and implementation in the United States and New Zealand.

P: Any 15 points at 100 level from POLS, or any 60 points at 100 level from the Schedule V of the BA, or LAWS, GEOG, or the Schedule V of the BCom.

POLS223 Minorities in Politics and Policy in the Asia Pacific

15 Points 0.1250 EFTS

Not offered in 2022

This course examines how different political systems manage their diverse ethnic communities. It aims to give students a broad overview of how minorities in the Asia Pacific negotiate their identities and political space vis-à-vis the state.

P: Any 15 points at 100 level from POLS, or any 60 points at 100 level from the Schedule V of the BA, or LAWS, GEOG, or the Schedule V of the BCom.

POLS224 Democratic and Economic Evolution of Europe

15 Points 0.1250 EFTS

This course is designed to provide sufficient knowledge and understanding of recent economic developments and democratisation processes in Europe as a whole and within the EU as an institution. It will examine the institutional and policy changes that have happened since the European "reunification" in 1989, but significant attention will be paid to the economic and political history of the continent also.

P: Any 15 points at 100 level from EURA or POLS, or any 60 points at 100 level from the Schedule V of the BA, or LAWS, GEOG, or the Schedule V of the BCom.

R: EURA224, EURO224, EURA324, EURO324

EQ: EURA224

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

POLS224-22S1 (C) Semester 1**POLS225 Bioethics: Life, Death, and Medicine**

15 Points 0.1250 EFTS

Not offered in 2022

Bioethics is the study of ethical problems in healthcare, medical research, and biotechnology. Bioethical problems arise every day, affecting non-human animals, people, and societies. This course covers a wide range of issues, including: research on human and non-human animals; reproductive technologies, such as surrogacy and genetic testing; and decisions about protecting, killing and letting die, including healthcare, abortion, and euthanasia. The course includes an introduction to ethical values and principles, ways of dealing with moral disagreements, and reflection on what it means for something to be worth moral consideration.

P: Any 15 points at 100 level from PHIL or POLS, or any 60 points at 100 level from the Schedule V of the BA, or LAWS, GEOG, or the Schedule V of the BCom.

R: PHIL240, PHIL324

EQ: PHIL240

POLS227 Strategic Foresight for Better Public Policies

15 Points 0.1250 EFTS

Not offered in 2022

This course introduces concepts, methods, tools and techniques of Strategic Foresight, which is a framework for working with stakeholders and communities to identify a set of plausible futures that can guide policy-making and decisions. This course will introduce you to concepts such as systems mapping, plausible futures, scenario development, weak signals, futures wheel, trends, and change drivers. We will also consider principles of effective and ethical community engagement in both bicultural and multicultural contexts. Strategic Foresight is used by a range of government, quasi-government and non-government actors such as the OECD, UN, New Zealand Defence Force, Shell, CSIRO, and various national governments. Upon completion of this course, students will be prepared to make a difference through the application of foresight tools and methods.

P: Any 15 points at 100 level from POLS, or any 60 points at 100 level from the Schedule V of the BA.

POLS232 Media and Politics

15 Points 0.1250 EFTS

The course provides an understanding of the role of the media in domestic and international politics. It does this by analysing key theoretical assumptions and debates on the role of media institutions in the struggle for power domestically and internationally.

P: Any 15 points at 100 level from COMS or POLS, or any 60 points at 100 level from the Schedule V of the BA, or LAWS, GEOG, or the Schedule V of the BCom.

R: COMS205

EQ: COMS205

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

POLS232-22S1 (C) Semester 1**POLS258 Te Tiriti: The Treaty of Waitangi**

15 Points 0.1250 EFTS

Not offered in 2022

This course uses the Treaty of Waitangi to frame examinations of contemporary New Zealand society. We ask questions designed to highlight and emphasise the relevance of the Treaty of Waitangi to everyday New Zealanders. In addition, the course looks at the importance of this document in the maintenance of Crown and Māori relations. Topics covered range from the signing of the Treaty, and historical developments, to the protest movements and activism of the continuing Māori renaissance period, race relations and one law-for-all.

P: Any 15 points at 100 level from CULT, HIST, HSRV, MAOR, POLS, POLS, or SOCI, or any 60 points at 100 level from the Schedule V of the BA, or LAWS, GEOG, or the Schedule V of the BCom.

R: MAOR219, HIST268, SOCI209, HSRV207, POLS218, CULT219

EQ: HIST268, MAOR219, SOCI209, HSRV207, CULT219

PACE395 Internship

30 Points 0.2500 EFTS

What can you do with your major? With your degree? The purpose of the internship course is to explore both the ideological and practical assumptions guiding this question. The course is designed to be a critical, theoretical and "real-world" examination of the practices and ideologies inherent in both community and business organisations. You will apply the analytical skills acquired through your major, and through class seminars and readings, to a project designed by a local company or community group. Please check out the website for further information and specific project descriptions: www.arts.canterbury.ac.nz/internships

P: 150 points, special application and interview, and permission of the Internship Director.

R: ARTS395

EQ: ARTS395

Domestic Fee: \$1,570 (2021)

International Fee: \$7,000 (2021)

PACE395-21SU2 (C) Summer (Nov 21)**PACE395-22A (C) Starts Anytime****PACE395-22S1 (C) Semester 1****PACE395-22S2 (C) Semester 2**

Limited entry. See limitation of entry regulations. A student will be selected for a specific project.

Only students accepted for projects will be allowed into the course. Please go to <http://www.arts.canterbury.ac.nz/internships> for more information.

POLS301 Contemporary Political Theory

30 Points 0.2500 EFTS

The study of politics focuses not only on how the political world operates, but also the normative question of how it ought to operate. Is redistribution of wealth justified? Do people have a right to what they earn in the market? Is equality of opportunity possible? Is it desirable? This course examines theories of distributive justice and their implications for economics and markets. Topics covered include: Utilitarianism; Rawls's theory of justice; Dworkin's equality of resources; Libertarianism; Universal basic income; Market socialism; Citizenship; and culture and politics.

P: Any 30 points at 200 level from PHIL or POLS, or any 60 points at 200 level from the Schedule V of the BA, or LAWS, GEOG, or the Schedule V of the BCom.

R: PHIL317, POLS351

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

POLS301-22S1 (C) Semester 1**POLS304 Environmental Politics and Policy**

30 Points 0.2500 EFTS

Has green politics come of age? Around the world we are seeing spontaneous community movements challenging four difficult and intersecting issues: dangerous environmental change, growing social inequality, weak democracy and a paradigm of growth that has contributed to resource extraction beyond the capacity of the planet. Against a background of difficult issues including climate change and the impact of colonization, this course examines the roots of environmental thinking and activism and asks- what are the implications of these ideas for how we live as citizens, communities, businesses and nations and how might we plan for just transitions towards a more equitable and sustainable future? The course involves a weekend field trip.

P: Any 30 points at 200 level from POLS, or any 60 points at 200 level from the Schedule V of the BA, or LAWS, GEOG, or the Schedule V of the BCom.

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

POLS304-22S2 (C) Semester 2**POLS306 The Craft of Political Research and Risk Analysis**

30 Points 0.2500 EFTS

Not offered in 2022

This course introduces the 'art' and 'science' of designing and conducting empirical research in political science. The main focus of the course is on "doing" and "producing" political science research. The course will prepare students to be a consumer of political science literature as well as provide them with the fundamentals of scientific research in political science. This course will be valuable preparation for students considering postgraduate studies at the honours level and beyond.

P: Any 30 points at 200 level from POLS, or any 60 points at 200 level from the Schedule V of the BA, or LAWS, GEOG, or the Schedule V of the BCom.

POLS307 Policy Issues in Science and Technology

30 Points 0.2500 EFTS

Not offered in 2022

This course analyses major political issues and policy challenges in the areas of global health, bio-medicine and the life sciences industry. Specific issues will include the politics of infectious diseases, food security, human 'enhancement,' and the implications of disruptive technologies for medicine, human reproduction, and life extension. Cases will be drawn from North America, Australasia and Africa.

P: Any 30 points at 200 level from HLTH or POLS, or any 60 points at 200 level from the Schedule V of the BA, or LAWS, GEOG, or the Schedule V of the BCom.

POLS308 International Politics: Aotearoa New Zealand Foreign Policy

30 Points 0.2500 EFTS

Not offered in 2022

This course will critically examine Aotearoa New Zealand's past and present foreign policy while exploring future foreign policy directions.

P: Any 30 points at 200 level from POLS, or any 60 points at 200 level from the Schedule V of the BA, or LAWS, GEOG, or the Schedule V of the BCom.

R: PACS303

EQ: PACS303

POLS311 Northeast Asia and the Changing Global Order

30 Points 0.2500 EFTS

Not offered in 2022

A new global order is arising and Northeast Asia is at the heart of it. How will China's Rise affect global politics? Will the US have to accommodate China's rising military power, or will it confront it? How stable is North Korea? Will energy security bring the countries of Northeast Asia together, or will it set them against each other? This course examines the changing global order, how it is being shaped in Northeast Asia, and the implications of this for New Zealand.

P: Any 30 points at 200 level from POLS, or any 60 points at 200 level from the Schedule V of the BA, or LAWS, GEOG, or the Schedule V of the BCom.

POLS313 Critical Approaches to International Relations

30 Points 0.2500 EFTS

Not offered in 2022

This course looks closely at a variety of critical perspectives in international relations. Through an examination of liberal, realist, marxist, poststructuralist, and constructivist perspectives, the course shows how critiques emerge in opposition to dominant discourses and theories of international relations. Each critical approach will be introduced and applied to case studies including the war in Iraq, humanitarian intervention, and terrorism. Finally, the course looks at the role of theorists in the practice of international relations in order to demonstrate the ways in which abstract scholarly thought is deeply intertwined with the everyday practice of international politics.

P: Any 30 points at 200 level from POLS, or any 60 points at 200 level from the Schedule V of the BA, or LAWS, GEOG, or the Schedule V of the BCom.

POLS314 Militaries and Societies

30 Points 0.2500 EFTS

This course covers the development of the modern military and its role in politics and society in a wide range of countries, including European, Asian, American, and Pacific nations. It also examines the authoritarian nature of military regimes and the ways they may collapse or be overthrown by democratic uprisings. The final section of the course is devoted to contemporary issues in civil-military relations, including the possible emergence of a new kind of post-modern military, whether soldiers trained for battle are effective as peace-keepers, with a focus on New Zealand peace-keeping, and the return of mercenary forces.

P: Any 30 points at 200 level from POLS, or any 60 points at 200 level from the Schedule V of the BA, or LAWS, GEOG, or the Schedule V of the BCom.

R: ILAP656, ILAP688

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

POLS314-22S2 (C) Semester 2**POLS315 Global Politics: Contemporary Democracies and Political Economy**

30 Points 0.2500 EFTS

This seminar course is an in-depth comparative analysis of the political processes, behaviour, and institutions in industrial democracies. The course considers the numerous avenues through which citizens influence politics and policy-making and considers the implications of formal institutional structures and informal forms of participation. In this seminar, we will survey (i) the historical, geographic, and economic context, (ii) institutions and electoral processes, and (iii) recent transformations and future challenges of modern industrial democracies.

P: Any 30 points at 200 level from POLS, or any 60 points at 200 level from the Schedule V of the BA, or LAWS, GEOG, or the Schedule V of the BCom.

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

POLS315-22S2 (C) Semester 2**POLS319 International Organisations: The United Nations and Contemporary Challenges**

30 Points 0.2500 EFTS

An advanced undergraduate course examining international organisations with a special focus on the contemporary role of the United Nations.

P: Any 30 points at 200 level from POLS, or any 60 points at 200 level from the Schedule V of the BA, or LAWS, GEOG, or the Schedule V of the BCom.

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

POLS319-22S1 (C) Semester 1**POLS332 Media and Conflict**

30 Points 0.2500 EFTS

Not offered in 2022

The course sets out to provide a critical insight and analysis into the role of media in ancient and contemporary conflicts and wars through a series of in-depth case studies. It provides a comprehensive review of the key concepts and theories on the media's impact on, and role during political conflicts.

P: Any 30 points at 200 level from COMS or POLS, or any 60 points at 200 level from the Schedule V of the BA, or LAWS, GEOG, or the Schedule V of the BCom.

R: COMS306

EQ: COMS306

POLS333 Independent Course of Study

30 Points 0.2500 EFTS

Not offered in 2022

P: Any 30 points at 200 level from POLS, or any 60 points at 200 level from the Schedule V of the BA, or LAWS, GEOG, or the Schedule V of the BCom.

Postgraduate

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

POLS440 Principles and Practice of Policy and Governance

30 Points 0.2500 EFTS

This course offers advanced theory and practice of policy making and governance in the not-for-profit, public policy and public and private sectors. The first part of the course will provide foundational knowledge of the principles, theories and historical dimensions of policy analysis and governance. The second part of the course will be composed of a series of intensive professional seminars and case studies, providing students with detailed practical insights into the practical world of giving advice and making decisions while working within the context of a political environment constrained by other institutions, time and resources.

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

POLS440-22S1 (C) Semester 1**POLS440-22S1 (D) Semester 1****POLS441 Principles and Practice of International Relations and Diplomacy**

30 Points 0.2500 EFTS

This course offers a blend of theoretical and practical insight into international relations and diplomacy. The first part of the course will provide foundational knowledge of the principles, theories and historical dimensions of foreign policy and diplomacy. The second part of the course will be composed of a series of intensive professional seminars, providing students with detailed practical insights into complex and difficult cases in international relations and diplomacy through the experiences of those involved in them.

P: Subject to approval of the Head of Department.

R: ILAP614

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

POLS441-22S1 (C) Semester 1**POLS442 Policy and Governance in Small States of New Zealand and the Pacific**

30 Points 0.2500 EFTS

This course provides an advanced introduction to policy making and governance challenges in small states, with a particular focus on New Zealand and the small states of the Pacific. Students will be introduced to Pacific and New Zealand political economy/development/challenges, building on insights into the cultural capital, opportunities and risks (environmental, social and economic) that these communities face. Through regional case studies of policy development and governance and seminars with practitioners and community leaders, students will also have opportunities to gain experience in locally led problem solving.

P: Subject to approval of the Head of Department.

R: POLS402

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

POLS442-22S2 (C) Semester 2**POLS443 Policy Issues in Science and Technology**

30 Points 0.2500 EFTS

Not offered in 2022

This course focuses on the analysis and evaluation of comparative national policies for science, technology and the environment. Scientific innovation and investment are crucial to both economic and environmental sustainability, but the dynamics of policy-making in this domain often lead to public mistrust and conflict. Based on the case study method, this course will examine STEP with reference to issues such as: geo-engineering and climate change; energy policy; autonomous machines and the robotic revolution; and advanced biotechnologies for human health and the environment.

P: Subject to approval of the Head of Department.

POLS444 International Human Rights

30 Points 0.2500 EFTS

This course examines the growth of the human rights movement over the past 70 years and problems associated with creating a universal set of human rights norms. Contemporary challenges will be examined with a particular emphasis on the Global South.

P: Subject to approval of the Head of Department.

R: POLS405, DIPL405, ILAP662, POLS420 and DIPL418 prior to 2014

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

POLS444-22S2 (C) Semester 2

Product Design

POLS445 China's Emergence as a Global Great Power

30 Points 0.2500 EFTS

Not offered in 2022

Covering China's international relations, government policy-formation process and contemporary institutions, this course will use an issues-based approach to help students develop a thorough understanding of China's emergence as a global great power and the global implications of this.

P: Subject to approval of the Head of Department.

R: POLS406 and DIPL406

POLS446 Political Economy of Development

30 Points 0.2500 EFTS

This course examines the historical major economic, political, and social changes in the world economy in general and a comparative case study focus on East and Southern Asia. Discussion includes factors contributing to increases in economics performance, changes in the form of government, technological change (including industrialization), and episodes of integration and disintegration of the global economy. The course will also survey the impact of colonialism and the development of the nation-state and examines the theoretical approaches to economic development and growth.

P: Subject to approval of the Head of Department.

R: POLS407, DIPL407, ILAP671

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

POLS446-22S1 (C) Semester 1

POLS446-22S1 (D) Semester 1

POLS447 Islam and Politics: The Middle East, Southeast Asia, and the World

30 Points 0.2500 EFTS

Islam has, since its beginnings been intertwined with politics in a multitude of ways - ways that, since 9/11, often seem dangerous, if we are to believe some politicians and media. If we look more closely, however, we see that political Islam has changed many times over the last century. The course will cover Islam in both the Middle East and Southeast Asia, from a variety of perspectives.

P: Subject to approval of the Head of Department.

R: POLS412

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

POLS447-22S2 (C) Semester 2

POLS480 Supervised Research Paper

30 Points 0.2500 EFTS

In this course, students explore a research topic of their choice under the supervision of an appropriate staff member, subject to approval by the Programme Director. Students will be required to attend seminars in preparation for their independent research, and will also make presentations of their research during the year. This course is compulsory for all POLS Honours students. Students are recommended to submit some potential research topics to the honours coordinator upon enrolment.

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

POLS480-22W (C) Whole Year (S1 and S2)

POLS481 Supervised Research Paper A

15 Points 0.1250 EFTS

This is part A of the Supervised Research Paper for students beginning their Honours degree in Semester 2.

P: Subject to approval of the Head of Department.

R: POLS480

Domestic Fee: \$969 (2021)

International Fee: \$4,125 (2021)

POLS481-22S2 (C) Semester 2

POLS482 Supervised Research Paper B

15 Points 0.1250 EFTS

This is part B of the Supervised Research Paper for students beginning their Honours degree in Semester 2.

P: Subject to approval of the Head of Department.

R: POLS 480

Domestic Fee: \$969 (2021)

International Fee: \$4,125 (2021)

POLS482-22S1 (C) Semester 1

POLS688 Dissertation

60 Points 0.5000 EFTS

A supervised, independent research project

P: Subject to approval of the Head of Department.

Domestic Fee: \$3,610 (2021)

International Fee: \$16,500 (2021)

POLS688-22A (C) Starts Anytime

POLS689 Thesis

90 Points 0.7500 EFTS

A supervised, independent research thesis.

P: Subject to approval of the Head of Department.

Domestic Fee: \$5,415 (2021)

International Fee: \$24,750 (2021)

POLS689-22A (C) Starts Anytime

POLS690 MA Thesis

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$7,220 (2021)

International Fee: \$33,000 (2021)

POLS690-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval.

POLS692 Independent Course of Study: Dissertation A

30 Points 0.2500 EFTS

Not offered in 2022

P: Subject to the approval of the Head of Department

POLS693 Independent Course of Study: Dissertation B

30 Points 0.2500 EFTS

P: Subject to the approval of the Head of Department

Domestic Fee: \$1,805 (2021)

International Fee: \$8,250 (2021)

POLS693-22S1 (C) Semester 1

POLS790 Political Science PhD

120 Points 1.0000 EFTS

P: Subject to approval of the Department Coordinator.

Domestic Fee: \$7,220 (2021)

International Fee: \$33,000 (2021)

POLS790-22A (C) Starts Anytime

*Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Product Design

Te Kura Hanga Otinga | School of Product Design

PROD101 Product Design 1

30 Points 0.2500 EFTS

An introduction to the methods of systematic product design and specification, illustrated by case studies of successful commercial product designs. Analysis of existing products. History of design and influential designers. Team-based open-ended product design and prototyping projects on nominated topics. Students will form teams and work on specifying and making a product prototype related to their degree major, using techniques such as 3D printing and hand-tool operations (Industrial Product Design), simple animation software and game engines (Immersive Applied Game Design) or mixing, blending and grinding operations (Chemical and Healthcare Product Formulation).

P: PROD110 or ENGR101

Domestic Fee: \$1,784 (2021)

International Fee: \$8,625 (2021)

PROD101-22S2 (C) Semester 2

PROD110 Product Design Principles

15 Points 0.1250 EFTS

Introduction to formal aspects of design practice, including the detailed design brief, important influences and influencers in design throughout history, and the place of design in the context of cultures, nations and users. Critical practical skills, including freehand, digital and technical drawing, as well as prototyping skills using paper, card, 3D printing, laser-cutting, modelling foam and wood.

P: University Entrance

R: Restricted to students enrolled in the BProdDesign, the BProdDesign/BCom and the BProdDesign/BSc.

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

PROD110-22S1 (C) Semester 1

PROD111 Materials Science for Design

15 Points 0.1250 EFTS

Classes of materials and their properties in terms of strength, chemical stability, corrosion, elasticity, hardness, and applications. Stress-strain behaviour, Young's modulus, elastic deformation and failure modes.

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

PROD111-22S2 (C) Semester 2**PROD121 The Game Development Process**

15 Points 0.1250 EFTS

This course takes students through the process of going from a game idea to a playable prototype. Students learn about the various roles, skills, technologies, and processes that need to come together to deliver a working game. Projects will be done in teams, and will mimic as closely as possible the processes used in commercial game studios.

Domestic Fee: \$892 (2021)

International Fee: \$4,563 (2021)

PROD121-22S2 (C) Semester 2**PROD131 Introduction to Formulation Science**

15 Points 0.1250 EFTS

This course introduces the key aesthetic and functional requirements and the principles underlying the creation of formulated products across a wide range of applications. Practical laboratories will focus on making and analysing a range of formulated products. Examples include pharmaceuticals, adhesives, paints, industrial coatings, fuels, cosmetics and personal care products, food and nutritional products, detergents and cleaning products, and agricultural products such as fertilizers, pesticides and herbicides. Lectures will cover principles of interfacial science affecting the creation and stability of emulsions, suspensions and solid formulations such as tablets and powders. Interactions of formulated products with physical systems will be described, including the mechanisms involved in their adsorption, absorption, metabolism, excretion and distribution within biological, non-biological and environmental systems.

P: Any 15 points of CHEM

C: Any 15 points of CHEM

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

PROD131-22S2 (C) Semester 2**PROD211 Materials Engineering and Selection**

15 Points 0.1250 EFTS

Performance of metallic, ceramic, polymeric, composite and electronic materials in a wide variety applications. The influence of materials processing on properties. Mechanical properties and strengthening. Solidification processing of metals and plastics. Corrosion. Application of the Granta CES Materials Selector software package to explore materials properties and select suitable materials for given design applications.

P: 1) PROD111; and 2) either 15 points of MATH/EMTH at 100-level or 15 points of PHYS at 100-level

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

PROD211-22S1 (C) Semester 1**PROD212 Thermofluids**

15 Points 0.1250 EFTS

Fluid properties such as density and viscosity. Fluid statics, Bernoulli's equation, pipe flow profiles, pressure drop and frictional losses under flow. Laminar and turbulent flow. Pumps, compressors and fans. Thermodynamic properties such as heat capacity, latent heat of fusion and evaporation. Introduction to conductive and convective heat transfer, film and overall heat transfer coefficients. Radiation. Graphical analysis of common thermodynamic cycles, including the Carnot cycle and heat pumps.

P: 1) either PROD110 or ENGR101; and 2) either 15 points of MATH/EMTH at 100-level or 15 points of PHYS at 100-level

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

PROD212-22S1 (C) Semester 1**PROD213 Industrial Product Design 1A**

15 Points 0.1250 EFTS

The process of industrial product design, focusing on the transition from product ideas to working prototypes. Principles of successful product design, such as clarity of function to end-users, simplicity, robustness, etc. Basic principles of mechanical design e.g. movement and force transmission. Embodiment of the design concept. Aesthetics. Introduction to electronics and control. Design project management. Developing the design proposal. Introduction to product economics.

P: PROD110 or PROD101

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

PROD213-22S1 (C) Semester 1**PROD214 Industrial Product Design 1B**

30 Points 0.2500 EFTS

Practical workshop skills, working with wood, metal, plastic, composites, etc., with an emphasis on building models and prototyping. Team-based open-ended product design and prototyping projects on nominated topics. Students will form teams and develop a set of product specifications, build prototypes, then evaluate the performance of the prototypes against the original specifications.

P: 1) PROD101 and 2) either PROD211 or PROD212

Domestic Fee: \$1,784 (2021)

International Fee: \$8,625 (2021)

PROD214-22S2 (C) Semester 2**PROD221 Game Design in Context**

15 Points 0.1250 EFTS

This course explores a wider view of games and society. Topics include: 1. Ethics, Social Issues, and Games: How are various segments of the population portrayed in games? Specific focus will be on the representation of women and minorities in games, discussions of violence in games, games addiction, and how design choices affect, and are affected by, society. 2. Applied Games: Games are primarily used for entertainment purposes. But many argue that they could and should also be used for other purposes where motivation is important, such as games for learning, games for training, games for health, and games for behaviour change. 3. Bi-culturalism in Games: Māori themes and motivations in games are important in the New Zealand context. How can game designers better support a Māori audience specifically, and various cultures more generally?

P: one of COSC101 or PROD121 or DIG101

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

PROD221-22S1 (C) Semester 1**PROD222 Gaming Project Studio 1**

30 Points 0.2500 EFTS

This course allows students to create substantial immersive experiences using techniques such as structured brainstorming, rapid prototyping (fail often, fail early), constructive critiquing, and iteration. Students will create several major works during the course, working in teams, formally presenting their ideas, and working with client constraints. Several technologies will be introduced, such as collaborative project management and tracking tools, code repositories, and presentation software.

P: 1) either PROD101 or SENG201; and 2) either PROD121 or PROD223

Domestic Fee: \$1,784 (2021)

International Fee: \$9,125 (2021)

PROD222-22S2 (C) Semester 2**PROD223 Immersive Game Design**

15 Points 0.1250 EFTS

This paper introduces students to the technologies and techniques used to create Virtual Reality (VR) and Augmented Reality (AR) experiences. Students will design and build games using VR and AR head-mounted displays, 6-degree-of-freedom motion controllers, depth cameras, and other leading-edge technologies, such as Arduino-controlled input and output. We will look at three main topics: 1. The Human Sensory Systems: What are the strengths and weaknesses of the main human senses of vision, audio, haptics (touch), smell and taste? 2. Multi-sensory Technologies: What technologies exist to deliver content to each of these senses? 3. Holistic Design: What are the design concerns when choosing an appropriate set of sensory "displays" for immersive experiences? Which types of cues are needed for a given user/task/environment combination?

P: PROD121 or COSC121 or COSC131

Domestic Fee: \$892 (2021)

International Fee: \$4,563 (2021)

PROD223-22S2 (C) Semester 2**PROD224 Computation for Games**

15 Points 0.1250 EFTS

This course introduces the fundamentals of mathematics, statistics, and algorithms for game development. The topics covered are an introduction to linear algebra, statistics for game balancing, and algorithms in computer games and computer graphics. The practical aspect of this course will teach the students how to apply the theoretical concepts in game development on one of the standard game engines.

P: PROD121 and 15 points of MATH, EMTH or STAT courses

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

PROD224-22S1 (C) Semester 1

Product Design

PROD225 Special Topic: Game Development in Unreal and C++

15 Points 0.1250 EFTS

This course provides an introduction into the world of game development in Unreal Engine 4, with a focus on C++ programming. You will learn about the fundamentals of programming in C++, including pointers, compilers, header files, declaration vs. definition, compiler macros and how these things all come together when creating games. The second half of this course will focus on bridging the gap between C++ and Unreal's visual programming system Blueprints, and how you can augment the artist focused system with the programmer focused language through the creation of your own Unreal Engine game. All game developers looking to get into the industry are encouraged to learn C++ due to the essential role it plays in many game development projects. Examples of the use of C++ in industry will be demonstrated throughout the course.

P: COSC121 or COSC131 COSC122 Subject to the approval of the Head of School.

Domestic Fee: \$913 (2021)

International Fee: \$4,672 (2021)

PROD225-22SU1 (C) Summer (Jan 22)

PROD226 Special Topic: Narrative Design for Interactive Media

15 Points 0.1250 EFTS

This course provides a practical and theoretical introduction to storytelling and narrative design for applied games, entertainment games and related interactive media applications. From fictional worldbuilding, networked story structures and character and conversation design to social simulations and emergent narrative, students will explore different design patterns and approaches for delivering meaningful play experiences, while gaining experience with standard tools and technologies for constructing interactive narratives and simulations. Students will work individually on smaller design activities reflecting the specific tasks and problems commonly faced by narrative designers in the game industry as well as collaborating in a peer group with complementary skills to deliver a more fully-developed systemic worldbuilding and storytelling project.

P: [PROD121] or [PROD221] or [COSC101/DIGI101] Recommended Preparation: 30 points from 200 level arts courses Subject to the approval of the Head of School.

RP: 30 points from 200 level arts courses

Domestic Fee: \$877 (2021)

International Fee: \$4,438 (2021)

PROD226-21SU2 (C) Summer (Nov 21)

PROD229 Introduction to Game Audio

15 Points 0.1250 EFTS

Learn foundation skills in sound design and music for games. The course will survey current industry practices, and students will gain knowledge of a variety of approaches to audio creation, editing and integration into video games. No prior experience in music, sound, or game design is required.

P: Subject to the approval of the Head of School.

R: MUSA229

Domestic Fee: \$785 (2021)

International Fee: \$3,500 (2021)

PROD229-21SU2 (C) Summer (Nov 21)

PROD229-22S2 (C) Semester 2

PROD230 Product Properties and Processing

15 Points 0.1250 EFTS

The goal of this course is to provide students with an understanding of the physical elements relevant to processing of formulations. Students will learn systematic procedures, including drawing and labelling flowchart, for calculating the materials and energy required and key compositions during production. They will be able to use solubility behaviours and phase diagrams to determine the composition of the different parts of formulated products, such as oil and water phases in emulsions.

P: CHEM111 and any 15 points at 100 level from MATH or EMTH.

R: ENCH291

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

PROD230-22S1 (C) Semester 1

PROD231 Product Formulation 1

15 Points 0.1250 EFTS

Properties of solid and liquid formulations, including particle size and shape, granulation, agglomeration, tableting, solubility, viscosity, colloids and suspensions. Common components of formulations for chemical, biological, pharmaceutical, personal and healthcare products and their functionalities.

P: CHEM111

RP: BIOL111 or PROD131

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

PROD231-22S1 (C) Semester 1

PROD232 Natural Products Properties and Production

15 Points 0.1250 EFTS

Classes and sources of natural products, with an emphasis on extracted components such as microbial metabolites or essential oils from plants, are described and characterised. Cultural issues surrounding the ownership and use of native flora and fauna. The design, operation, performance and advantages/disadvantages of current production methods such as steam

distillation and solvent extraction are described. Laboratory practical exercises in extraction and analysis of natural products.

P: PROD235 or CHEM112

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

PROD232-22S2 (C) Semester 2

PROD233 Chemical and Healthcare Product Formulation 1A

15 Points 0.1250 EFTS

Systematic specification of product characteristics in the context of desired functionality, consumer perception and behaviour. Tikanga Māori and other indigenous protocols for inclusive partnership when working with native flora and fauna. Market research, product testing and assessment methods. Preliminary economic feasibility analysis. Fundamentals of toxicological and allergenic response testing.

P: CHEM111

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

PROD233-22S1 (C) Semester 1

PROD234 Chemical and Healthcare Product Formulation 1B

30 Points 0.2500 EFTS

Team-based product design project. Students will work in teams of 3 to 4 to choose a particular product, for which they will write specifications, and then design a production method and final formulation to meet these requirements. Product prototypes will be produced in the laboratory and tested to demonstrate that the specifications have been met. A preliminary marketing strategy will be devised.

P: PROD101 and PROD233

Domestic Fee: \$1,784 (2021)

International Fee: \$8,625 (2021)

PROD234-22S2 (C) Semester 2

PROD311 Drawing and Solid CAD Modelling

15 Points 0.1250 EFTS

Advanced sketching for conceptual product design and communication. Advanced 3D computer-aided drawing and solid modelling, with finite element analysis for strength and durability. Preparation of models for rapid-prototyping (additive manufacture/3D printing).

P: ENME201 or ENME221

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

PROD311-22S1 (C) Semester 1

PROD313 Industrial Product Design 2A

15 Points 0.1250 EFTS

The design process for successful transition from product prototype through to final product. Advanced design aesthetics. Manufacturing of industrial products. Advanced economic analysis.

P: PROD213

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

PROD313-22S1 (C) Semester 1

PROD314 Industrial Product Design 2B

30 Points 0.2500 EFTS

Capstone product design project. Students work in groups to devise and develop design ideas, build and test their design prototypes and evaluate performance. Ideally, projects will be devised in collaboration with an industry partner. A final report will include the design specifications, idea generation, prototyping and evaluation, recommended manufacturing methods and an economic analysis. The final project may form the basis of an entry to an approved internationally recognised student design competition such as the Warman Design and Build Competition (Australasia) or the James Dyson Award (International).

P: PROD214

Domestic Fee: \$1,784 (2021)

International Fee: \$8,625 (2021)

PROD314-22S2 (C) Semester 2

PROD321 Interactive Computer Graphics and Animation

15 Points 0.1250 EFTS

In this paper, students will learn about the technical aspects of how moving images are generated for use in video games. This includes topics such as geometric modeling, the rendering pipeline, the use of various texturing techniques, and programmable shaders. In addition, students will learn various techniques for making objects move, such as forward and inverse kinematics, behavioural animation, and physically-based animation.

P: PROD223

Domestic Fee: \$892 (2021)

International Fee: \$4,563 (2021)

PROD321-22S1 (C) Semester 1

PROD322 Gaming Project Studio 2

30 Points 0.2500 EFTS

This paper will allow students to apply the techniques and strategies from the courses they have completed to deliver a well-designed, tested, and polished immersive experience applied to a real-world problem space. Projects range from games for health, to games for behaviour change, games for social justice, and games for education. Other applied areas of games are encouraged.

P: PROD222 and (PROD321 or PROD323)

Domestic Fee: \$1,784 (2021)

International Fee: \$9,125 (2021)

PROD322-22S2 (C) Semester 2**PROD323 Game Engines and Artificial Intelligence**

15 Points 0.1250 EFTS

In this paper, students will learn about game engine design through the use of existing engine source code. Students will extend existing functionality through the use of programming techniques. In addition, students will become comfortable designing and creating game-based artificial intelligence (AI) constructs.

P: PROD223

Domestic Fee: \$892 (2021)

International Fee: \$4,563 (2021)

PROD323-22S1 (C) Semester 1**PROD331 Product Formulation 2**

15 Points 0.1250 EFTS

Physical stability of formulated products such as suspensions, colloids, creams and lotions. Accelerated shelf-life testing methods. Microbial stability, safety and testing. Particulate flow, mixing and packing. Solids milling, conveying, pneumatic transport and bulk storage behaviour.

P: PROD231

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

PROD331-22S1 (C) Semester 1**PROD333 Chemical and Healthcare Product Formulation 2A**

15 Points 0.1250 EFTS

Unit operations for producing formulated products such as lotions, gels, colloids and suspensions, tableted and particulate materials. Scale-up and operation. Process design, simulation and economic analysis for formulated product manufacture. Batch scheduling and recipe specification. Filling and packaging operations.

P: PROD233

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

PROD333-22S1 (C) Semester 1**PROD334 Chemical and Healthcare Product Formulation 2B**

30 Points 0.2500 EFTS

Individual capstone product design project. Students will work individually to develop their own particular product line with a minimum of two products spanning at least two different formulations (ie. a liquid product and a powder, or a gel and a tablet, etc). Students will write specifications, and then design production methods and final formulations to meet these requirements. Product prototypes for these two products will be produced in the laboratory and proof-of-concept demonstrated, along with high-quality printed materials (packaging, labels, etc). A preliminary economic analysis and marketing strategy will be devised.

P: PROD234 and (PROD230 or ENCH291)

Domestic Fee: \$1,784 (2021)

International Fee: \$8,625 (2021)

PROD334-22S2 (C) Semester 2**PROD381 Special Topic: User Interface Design**

15 Points 0.1250 EFTS

P: Subject to the approval of the Head of School.

R: COSC368

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

PROD381-22S2 (C) Semester 2**PROD382 Special Topic**

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to the approval of the Head of School.

PROD386 Special Topic

15 Points 0.1250 EFTS

P: Subject to the approval of the Head of School.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

PROD386-22S1 (C) Semester 1**PROD386-22W (C) Whole Year (S1 and S2)****PROD386-22S2 (C) Semester 2****PROD387 Special Topic**

15 Points 0.1250 EFTS

P: Subject to the approval of the Head of School.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

PROD387-22S1 (C) Semester 1**PROD387-22W (C) Whole Year (S1 and S2)****PROD387-22S2 (C) Semester 2****PROD388 Independent Course of Study**

15 Points 0.1250 EFTS

P: Subject to the approval of the Head of School.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

PROD388-22S1 (C) Semester 1**PROD388-22W (C) Whole Year (S1 and S2)****PROD388-22S2 (C) Semester 2****PROD389 Independent Course of Study**

15 Points 0.1250 EFTS

P: Subject to the approval of the Head of School.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

PROD389-22S1 (C) Semester 1**PROD389-22W (C) Whole Year (S1 and S2)****PROD389-22S2 (C) Semester 2****Postgraduate**

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

INOV680 Product Innovation Project

90 Points 0.7500 EFTS

Students will carry out independent product/service innovation and development in their chosen area, mentored by an industrial supervisor and an experienced academic with expertise relevant to the topic.

P: Approval by the Director of the Centre for Entrepreneurship, based upon the student identifying an appropriate project mentor and supervisor.

RP: PROD601

Domestic Fee: \$6,797 (2021)

International Fee: \$33,750 (2021)

INOV680-22A (C) Starts Anytime*Limited entry. See limitation of entry regulations.***PROD601 Design Critique and Research Methods**

15 Points 0.1250 EFTS

Two main components of Research Methods and Design Critique are covered in this course.

Research Methods will provide knowledge on the academic research endeavour, necessary for any postgraduate student; how to write a research proposal, define design problems and research methodologies - including Kaupapa Māori perspectives on research methodology and processes. Design Critique will contribute to the development of critical enquiry and thinking into design. This part will provide a holistic approach in evaluation of designed products and services; from the aesthetic to the environmental point of view.

P: Approval of the Head of the School of Product Design

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

PROD601-22S1 (C) Semester 1**PROD602 Systems Thinking for Product Design**

15 Points 0.1250 EFTS

Applied systems thinking for product and service design. Construction and analysis of linear and non-linear models of interconnected systems relevant to product design such as growth/decay, population dynamics, social media behaviours, urban dynamics, sensor-response feedback loops, supply and demand, pollution modelling, consumer and end-user behaviours.

P: Approval of the Head of the School of Product Design

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

PROD602-22S1 (C) Semester 1

Product Design

PROD611 Design and Manufacture

15 Points 0.1250 EFTS

Understanding a designer's role in and approach to classic and contemporary manufacturing processes, including the implications of this on Māori and other indigenous knowledges. Identify optimal materials and production processes necessary to create specific product designs, details and functionalities. Translate the knowledge and skills attained into alternative process thinking and consequent applications as products or systems. Provide a holistic approach to product design and manufacturing that considers values such as manaakitanga (inclusiveness) and kaitiakitanga (sustainability) in the evaluation of designed products and processing from aesthetics to environmental impact.

P: Approval of the Head of the School of Product Design

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

PROD611-22S2 (C) Semester 2

PROD612 Bio-inspired design

15 Points 0.1250 EFTS

Form, function, and process-based inspiration from biology in design. Biomimetics, bionics and bio-inspired technology. Students will be required to study models, systems, and elements of nature for the purpose of solving complex human problems. Top-down and bottom-up design processed in bio-inspired design. Understand bio-inspired design and its relationship to Mātauranga Māori. Systematic identification of key aspects of biological design as found in living systems and organisms taken from scientific literature. Transfer of biological terms into technology based design requirements in fields including locomotion, air- and hydrodynamics, anti-fouling, architecture, adhesion, swarm intelligence and energy recovery. Students will be asked to study existing examples and develop their own individual design based on a specific living organism.

P: Approval of the Head of the School of Product Design

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

PROD612-22S2 (C) Semester 2

PROD613 Development of Interdisciplinary Practice and Self

15 Points 0.1250 EFTS

Not offered in 2022

Construction and analysis of self-structured self-reflection, nature of knowledge and norms, models of development knowledge and behaviours - including Māori and other indigenous understandings, developing management skills of self and others, continuing professional development, responding to change, moral consciousness, bicultural competence, improving leadership, emotional intelligence, reflective and reflexive practice, career development, definition of team roles in different cultural contexts, and personal behaviours, giving and receiving constructive feedback, adapting to change, conflict management and process mapping visual methods for construction and analysis of personal career and professional development.

P: Approval of the Head of the School of Product Design

PROD614 Design Ethics

15 Points 0.1250 EFTS

This course intends to provoke thought and reflection over the role of the designer and their responsibilities. Literature on the subject of ethics, morality and responsibility in product design is reviewed and discussed and will include Māori and indigenous perspectives. The key agents who possess responsibility in design are also explored. The content of this course serves a variety of important roles in the education of masters' level designers. Firstly the class will develop an understanding of the concepts of ethics in design in a practical sense, including how this impacts on Māori and indigenous understandings, for those conducting design activities (and particularly design research activities); introducing the concepts of participant's informed consent and reasonable measures for ensuring compliance in a design project. Secondly, it will introduce students to the many aspects of ethical and moral debate within the contemporary product design industry, ranging from concerns related to sustainability and 'kaitiakitanga' to the idea of responsibility in design to the concept of "good works" in design. Lastly through the nature of the course and its assessment it will develop student's research competencies, communication and debating skills, all core skillsets in the contemporary designer's tool kit.

P: Approval of the Head of the School of Product Design

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

PROD614-22S2 (C) Semester 2

PROD621 Games for Health & Wellbeing

15 Points 0.1250 EFTS

Not offered in 2022

This course will provide students with a thorough understanding of designing serious games for health and wellness. Students will use the knowledge and skills developed in this course to create games as tools for improving health and wellbeing, from supporting healthy lifestyle habits and motivating physical activity, to management of illness and as training materials for healthcare professionals to support their delivery of care.

P: Approval of the Head of the School of Product Design

PROD622 Immersive Collaborative Play and Design

15 Points 0.1250 EFTS

Design thinking for immersive collaboration focusing on play and design applications in the contexts of both academic research and business. Learn and apply some aspects of Kaupapa Māori methodology, human-centred design principle, rapid prototyping and digital prototyping for an immersive interactive experience. Explore different collaborative design processes, design cycle and integrate the immersive design tools. Apply research methods relevant for validating the interaction, experience, or product design to support immersive collaboration. Mini-hackathon for an iterative process of ideation, goal setting, market research, building, product pitching.

P: Approval of the Head of the School of Product Design

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

PROD622-22S2 (C) Semester 2

PROD623 Gamification for Enterprises

15 Points 0.1250 EFTS

Not offered in 2022

This course will teach students about the application of game elements and digital game design techniques to business and enterprises. Students will learn about the mechanisms of gamification and potential uses in enterprises, and how to use it effectively.

P: Approval of the Head of the School of Product Design

PROD631 Fragrance Design

15 Points 0.1250 EFTS

The course covers theory and practice of fragrance design, both in terms of fragrance (perfume) products and incorporation of fragrance into other formulated products e.g. personal care products, household cleaning products, and industrial products.

P: Approval of the Head of the School of Product Design

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

PROD631-22S2 (C) Semester 2

PROD632 Special Topics in Cosmetic Product Formulation

15 Points 0.1250 EFTS

The course addresses eight distinct yet interrelated topics, which are based on trends in cosmetic product formulation. The topics range from identifying advance technology-driven processes and raw materials to quality assurance and preservation. Formulating products with ingredients of natural origin are discussed while considering Mātauranga Māori (traditional knowledge) around rongoa (native flora herbal preparations). Additionally, the development of sustainable cosmetic formulations are addressed aligning to the values of kaitiakitanga. The content continues with other important aspects including: product evaluation, claims substantiation and safety assessment.

P: Approval of the Head of the School of Product Design

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

PROD632-22S2 (C) Semester 2

PROD690 Product Design Thesis

120 Points 1.0000 EFTS

Students will carry out independent research and advanced design practice in their chosen area, supervised by an experienced academic with expertise relevant to the topic.

P: Approval by the Head of School, based upon the student identifying an appropriate thesis supervisor.

Domestic Fee: \$8,697 (2021)

International Fee: \$45,000 (2021)

PROD690-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval.

PROD790 Product Design PhD

120 Points 1.0000 EFTS

Product Design PhD

P: Subject to approval of the Head of School and Dean of Postgraduate Research as per UC

Regulations for Doctoral Studies

Domestic Fee: \$8,697 (2021)

International Fee: \$45,000 (2021)

PROD790-22A (C) Starts Anytime

Professional Accounting

Business Taught Masters Programme

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

MBAZ601 Accounting for Managers

15 Points 0.1250 EFTS

The generation, analysis and interpretation of financial statements as well as the use of financial information for internal and external decision-making.

Domestic Fee: \$1,252 (2021)

International Fee: \$3,975 (2021)

MBAZ601-22T1 (C) 31 Jan 2022 - 24 Apr 2022

MBAZ601-22T3 (C) 29 Aug 2022 - 20 Nov 2022

MBAZ601-22T3 (D) 29 Aug 2022 - 20 Nov 2022

MBAZ602 Business Economics

15 Points 0.1250 EFTS

This course introduces and applies economic principles, concepts and ways of thinking. The focus is on using the lens of economics to view the world. By doing this we gain insight and understanding into people, organisations and issues that matter to society.

Domestic Fee: \$1,252 (2021)

International Fee: \$3,975 (2021)

MBAZ602-22T1 (C) 31 Jan 2022 - 24 Apr 2022

MBAZ602-22T3 (C) 29 Aug 2022 - 20 Nov 2022

MBAZ602-22T3 (D) 29 Aug 2022 - 20 Nov 2022

MBAZ603 Managerial Finance

15 Points 0.1250 EFTS

The application of financial techniques, tools and principles needed to assess the performance of projects and organisations and consider the economic viability of their ongoing success. A consideration of financial risk management and the process required to minimize such risks in different organisational settings.

R: FINC201; MBAM615

Domestic Fee: \$1,252 (2021)

International Fee: \$3,975 (2021)

MBAZ603-22T1 (C) 31 Jan 2022 - 24 Apr 2022

MBAZ603-22T1 (D) 31 Jan 2022 - 24 Apr 2022

MBAZ603-22T3 (C) 29 Aug 2022 - 20 Nov 2022

MBAZ604 Business Research Methods

15 Points 0.1250 EFTS

Business research methods including statistical and qualitative approaches are introduced. Students will develop the knowledge and skills required to undertake academic and professional research in the field of business.

Domestic Fee: \$1,252 (2021)

International Fee: \$3,975 (2021)

MBAZ604-22T2 (C) 16 May 2022 - 07 Aug 2022

MBAZ605 Business Law

15 Points 0.1250 EFTS

Covering business law structures and regulations this course provides students with the insight, understanding and practical skills to develop strategic direction and solve business problems while effectively adhering to legal requirements.

R: ACCT252, ACCT256, LAWS203 & LAWS206

Domestic Fee: \$1,252 (2021)

International Fee: \$3,975 (2021)

MBAZ605-22T1 (C) 31 Jan 2022 - 24 Apr 2022

MBAZ605-22T3 (C) 29 Aug 2022 - 20 Nov 2022

MBAZ680 Consultancy Project

45 Points 0.3750 EFTS

Provide advanced analytical, theoretical and practically applied business insight and competencies in the areas relevant to the learning objective of the programme.

P: Subject to the approval of the Programme Director

Domestic Fee: \$3,755 (2021)

International Fee: \$11,925 (2021)

MBAZ680-22A (C) Starts Anytime

MBAZ681 Placement

45 Points 0.3750 EFTS

Exposure to challenges faced by organisation through experiential learning. This will reinforce and develop knowledge from other MBM or MPA courses by providing students with the opportunity to apply theories to practice. It will also further develop students' communication skills.

P: Subject to the approval of the Programme Director

Domestic Fee: \$3,755 (2021)

International Fee: \$11,925 (2021)

MBAZ681-22A (C) Starts Anytime

MPAC601 Professional Accounting Principles

15 Points 0.1250 EFTS

Examines two main areas of professional accountancy, including double entry bookkeeping and law for professional accountants. The course develops the key principles required for those looking to advance through the MPA qualification.

C: MBAZ601

Domestic Fee: \$1,252 (2021)

International Fee: \$3,975 (2021)

MPAC601-22T1 (C) 31 Jan 2022 - 24 Apr 2022

MPAC602 Advanced Professional Accounting Principles

15 Points 0.1250 EFTS

Examines two main areas of advanced professional accountancy, including advanced financial reporting standard analysis and review and financial risk management. The course develops the advanced principles required for those looking to progress through the MPA qualification.

R: ACCT211

Domestic Fee: \$1,252 (2021)

International Fee: \$3,975 (2021)

MPAC602-22T2 (C) 16 May 2022 - 07 Aug 2022

MPAC603 Advanced Management Accounting

15 Points 0.1250 EFTS

To prepare and critically evaluate management accounting information for planning, budgeting, costing, controlling and decision-making by applying contemporary theory, research and practice.

P: MBAZ601

Domestic Fee: \$1,252 (2021)

International Fee: \$3,975 (2021)

MPAC603-22T3 (C) 29 Aug 2022 - 20 Nov 2022

MPAC604 Advanced Financial Accounting

15 Points 0.1250 EFTS

A consideration of the regulatory environment for financial reporting in New Zealand and internationally, discusses the theoretical and applied principles, current financial reporting standards underlying accounting practice and looks at contemporary developments in financial reporting.

R: ACCT312

Domestic Fee: \$1,252 (2021)

International Fee: \$3,975 (2021)

MPAC604-22T3 (C) 29 Aug 2022 - 20 Nov 2022

MPAC605 Taxation

15 Points 0.1250 EFTS

Covers concepts of the taxation system and its administration in New Zealand. Creating the ability to critically analyse, manage and apply taxation requirements within a professional accounting career.

P: MBAZ605

R: ACCT254; ACCT358

Domestic Fee: \$1,252 (2021)

International Fee: \$3,975 (2021)

MPAC605-22T2 (C) 16 May 2022 - 07 Aug 2022

MPAC606 Management

15 Points 0.1250 EFTS

Not offered in 2022

Describe and analyse business management structures, theories and techniques, and provides an insight to the skills required to develop strategic management direction, solve organisational problems and encourage positive growth and productivity.

P: Subject to the approval of the Programme Director

MPAC607 Information Systems

15 Points 0.1250 EFTS

Not offered in 2022

Reviews and analyses the design of information systems and considers their application for making critical business and accounting decisions.

P: Subject to the approval of the Programme Director

R: MBAD604, MBUS614

MPAC608 Auditing

15 Points 0.1250 EFTS

Covering the nature and purpose of auditing and the regulatory and professional environment in which it operates. Developing a critical understanding of the auditing process and selected contemporary research issues in auditing.

P: MPAC601

Domestic Fee: \$1,252 (2021)

International Fee: \$3,975 (2021)

MPAC608-22T3 (C) 29 Aug 2022 - 08 Jan 2023**MPAC623 Applied Research in Management Accounting**

15 Points 0.1250 EFTS

This course will draw on a range of economic, management, psychological and sociological theories of human and organisational behaviour to investigate the design and use of management accounting practices and systems. External and internal factors (e.g., technological change) and the impact on human and organisational behaviour as well as organisational outcomes will be researched.

P: (1) MPAC603; (2) MBAZ604

R: ACCT623

Domestic Fee: \$1,252 (2021)

International Fee: \$3,975 (2021)

MPAC623-22S2 (C) Semester 2**MPAC624 Applied Research in Corporate Governance**

15 Points 0.1250 EFTS

This course will explore several issues around corporate governance. Students will need to draw on a range of theories as they learn about and critique research on corporate governance, and trends in corporate governance regulations and practices. Ultimately, the aim of the course is to provide students with a framework that they can then apply as they undertake a project on corporate governance.

P: (1) 30 points from MPAC601, MPAC602, MPAC603, MFIN603; (2) MBAZ604

R: ACCT624, FINC650

Domestic Fee: \$1,252 (2021)

International Fee: \$3,975 (2021)

MPAC624-22S2 (C) Semester 2**MPAC626 Applied Research in Taxation Compliance**

15 Points 0.1250 EFTS

MPAC626 is a critical examination of advanced aspects of taxation theory, law, and practice from a tax compliance perspective with a focus on undertaking applied research. The course draws upon theories and research techniques from accounting and other disciplines, including economics, law, psychology, and sociology. It focuses primarily upon journal articles, books and other research papers which are primarily from Australasia, North America, and Europe.

P: (1) 45 points from MPAC601, MPAC602, MPAC603, MPAC604, MPAC605, MPAC608; (2) MBAZ604

R: ACCT626

Domestic Fee: \$1,252 (2021)

International Fee: \$3,975 (2021)

MPAC626-22S2 (C) Semester 2**MPAC648 Methodological and Empirical Aspect of Financial Accounting Research**

15 Points 0.1250 EFTS

MPAC648 focuses on the analysis of a selected range of contemporary issues in financial accounting: capital markets research, equity valuation, bankruptcy prediction and statistical activity cost analysis. The focus is holistic meaning we consider the theoretical backing of research questions and discuss suitable methodologies so that logical and scientifically consistent arguments and solutions can be presented.

P: (1) MPAC604; (2) MBAZ604

R: ACCT648

Domestic Fee: \$1,252 (2021)

International Fee: \$3,975 (2021)

MPAC648-22S1 (C) Semester 1**MPAC658 Applied Research in Auditing**

15 Points 0.1250 EFTS

This course will apply advanced theories and concepts from the field of auditing to a research question. The research question will be of practical application to professional practice in auditing. Students will explain and critique trends in auditing concepts and practice.

P: (1) MPAC608; (2) MBAZ604

R: ACCT658

Domestic Fee: \$1,252 (2021)

International Fee: \$3,975 (2021)

MPAC658-22S1 (C) Semester 1

Professional and Community Engagement

*Te Kura Kete Aronui | School of Humanities and Creative Arts***PACE195 Putting Your Degree to Work**

15 Points 0.1250 EFTS

Not offered in 2022

This course provides students with the knowledge and critical skills in order to apply their studies to professional, workplace, and community contexts, locally and internationally. The course enables students to connect their subject disciplines with 'real world' relevance, and provides a solid basis for more advanced studies.

PACE225 Workplace Skills and Corporate Social Responsibility

15 Points 0.1250 EFTS

As a student, you will be given the opportunity to work with a business to formulate a project proposal that furthers its corporate social responsibility objectives through community engagement. Making a difference to a community as well as to your own career and workplace skills development are key objectives of this course. The course is open to students from all disciplines.

P: Any 60 points at any level from any subject.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

PACE225-22S1 (C) Semester 1*Limited entry. See limitation of entry regulations.***PACE295 Internship**

15 Points 0.1250 EFTS

An opportunity to apply the skills you are acquiring through your academic study to a project designed by a local company or community group in New Zealand, or internationally.

P: Any 90 points at any level from any subject, special application and interview, and permission of the Internship Director.

R: ARTS295

RP: PACE 195 - Professional and Community Engagement

Domestic Fee: \$785 (2021)

International Fee: \$3,500 (2021)

PACE295-21SU2 (C) Summer (Nov 21)**PACE295-22A (C)** Starts Anytime**PACE295-22S2 (C)** Semester 2**PACE335 Independent Course of Study: EU Diplomacy and Policy Engagement**

30 Points 0.2500 EFTS

Not offered in 2022

P: 150 points, special application and interview, and permission of the Internship Director.

R: ARTS395, PACE335

Limited entry. See limitation of entry regulations. A student will be selected for a specific project. Only students accepted for projects will be allowed into the course. Please go to <http://www.arts.canterbury.ac.nz/internships> for more information.

PACE395 Internship

30 Points 0.2500 EFTS

What can you do with your major? With your degree? The purpose of the internship course is to explore both the ideological and practical assumptions guiding this question. The course is designed to be a critical, theoretical and "real-world" examination of the practices and ideologies inherent in both community and business organisations. You will apply the analytical skills acquired through your major, and through class seminars and readings, to a project designed by a local company or community group. Please check out the website for further information and specific project descriptions: www.arts.canterbury.ac.nz/internships

P: 150 points, special application and interview, and permission of the Internship Director.

R: ARTS395

EQ: ARTS395

Domestic Fee: \$1,570 (2021)

International Fee: \$7,000 (2021)

PACE395-21SU2 (C) Summer (Nov 21)**PACE395-22A (C)** Starts Anytime**PACE395-22S1 (C)** Semester 1**PACE395-22S2 (C)** Semester 2

Limited entry. See limitation of entry regulations. A student will be selected for a specific project. Only students accepted for projects will be allowed into the course. Please go to <http://www.arts.canterbury.ac.nz/internships> for more information.

Postgraduate

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

PACE495 Professional and Community Engagement Internship

30 Points 0.2500 EFTS

A professional internship placement.

P: Special application and interview, and permission of the Internship Director.

R: ARTS495

EQ: ARTS495

Domestic Fee: \$1,805 (2021)

International Fee: \$8,250 (2021)

PACE495-22A (C) Starts Anytime

PACE495-22A (D) Starts Anytime

PACE495-22W (C) Whole Year (S1 and S2)

PACE495-22S1 (C) Semester 1

PACE495-22S2 (C) Semester 2

PACE495-22X1 (D)

PACE495-22X2 (D)

PACE495-22X (D) 03 Oct 2022 - 12 Feb 2023

Psychology

Te Kura Mahi ā-Hirikapo | School of Psychology, Speech and Hearing

PSYC105 Introductory Psychology - Brain, Behaviour and Cognition

15 Points 0.1250 EFTS

An introduction to the brain and its role in thought and behaviour, and to perception, learning and cognition.

R: PSYC103, PSYC104

Domestic Fee: \$877 (2021)

International Fee: \$4,438 (2021)

PSYC105-21SU2 (D) Summer (Nov 21)

PSYC105-22S1 (C) Semester 1

PSYC105-22S1 (D) Semester 1

PSYC106 Introductory Psychology - Social, Personality and Developmental

15 Points 0.1250 EFTS

An introduction to social psychology, developmental psychology, personality and individual differences, and abnormal psychology.

R: PSYC103, PSYC104

Domestic Fee: \$892 (2021)

International Fee: \$4,563 (2021)

PSYC106-22SU1 (D) Summer (Jan 22)

PSYC106-22S2 (C) Semester 2

PSYC106-22S2 (D) Semester 2

PSYC206 Research Design and Statistics

15 Points 0.1250 EFTS

An introduction to the theory and practice of statistics in psychology. For psychological science, statistics is a framework for making rational decisions on the basis of data. The course will emphasize the concepts of logic underlying statistics, and provide worked-through examples that illustrate those concepts. An important theme is that anyone can learn statistics - no math beyond basic algebra is required. This is a prerequisite to advancing in psychology beyond PSYC 200-level.

P: At least 15 points in 100-level Psychology and at least 45 points overall

Domestic Fee: \$877 (2021)

International Fee: \$4,438 (2021)

PSYC206-21SU2 (D) Summer (Nov 21)

PSYC207 Developmental Psychology

15 Points 0.1250 EFTS

This course will examine human development from conception to late adolescence, and will cover neuropsychological, cognitive, biological, behavioural and socio-emotional development. Emphasis will be given to major theoretical influences that have shaped current thinking about child and adolescent development, as well as research methods and techniques that are used to study development. Key developmental issues will be considered in relation to both typical and atypical patterns of development.

P: PSYC104, or PSYC105 and PSYC106

Domestic Fee: \$892 (2021)

International Fee: \$4,563 (2021)

PSYC207-22S1 (C) Semester 1

PSYC207-22S1 (D) Semester 1

PSYC208 Cognition

15 Points 0.1250 EFTS

This is an introductory course in cognitive psychology: the science of how the mind and brain are organised to produce intelligent human thought processes. Topics include visual cognition, attention, memory, problem solving and expertise, reasoning and decision making, and language comprehension.

P: PSYC104, or PSYC105 and PSYC106, or with the approval of the Head of Department, a pass in a professional year of Engineering, or in approved courses in Computer Science, Linguistics, or Philosophy

Domestic Fee: \$892 (2021)

International Fee: \$4,563 (2021)

PSYC208-22S2 (C) Semester 2

PSYC209 Sensation and Perception

15 Points 0.1250 EFTS

A broad treatment of human sensation and perception, with the main emphasis on vision, but also including the other senses.

P: PSYC104, or PSYC105 and PSYC106, or with the approval of the Head of Department, a pass in a professional year of Engineering, or in approved courses in Art, Art History, or Computer Science

Domestic Fee: \$892 (2021)

International Fee: \$4,563 (2021)

PSYC209-22S1 (C) Semester 1

PSYC209-22S1 (D) Semester 1

PSYC211 Personality

15 Points 0.1250 EFTS

This course provides an overview of classic and contemporary theory and research in personality. Approaches to understanding personality will include Freudian and Neo-Freudian perspectives, genetic and evolutionary perspectives, biological perspectives, existential and humanistic perspectives, trait perspectives, and behavioural perspectives. In the laboratory sessions students will take, analyze, and interpret various personality assessment instruments.

P: PSYC104, or PSYC105 and PSYC106

Domestic Fee: \$892 (2021)

International Fee: \$4,563 (2021)

PSYC211-22S2 (C) Semester 2

PSYC212 Foundations of Behavioural Neuroscience

15 Points 0.1250 EFTS

Not offered in 2022

A first course in Behavioural Neuroscience, the discipline dedicated to the scientific investigation of the neurobiological processes underlying behaviour and mental processes, such as emotion, motivation, attention and consciousness.

P: PSYC 105 and PSYC 106.

RP: BIOL 111 (BCHM 111), and/or BIOL 113, and/or BIOL 116

PSYC213 Introduction to Social Psychology

15 Points 0.1250 EFTS

This course is designed as an introductory overview of classical and contemporary social psychology. Social psychology is the scientific study of how our thoughts, feelings, and behaviours are influenced by the real or imagined presence of others. The lectures provide a broad overview of several key topics in the field including the self, social perception, intergroup relations, attitudes and persuasion, social influence, group processes, close relationships, prosocial behaviour, and aggression. Within each of these topics, we also consider the influence of culture and application to the real world. The course also contains a laboratory component in which students work in small groups conducting social psychology research projects.

P: PSYC105 and PSYC106

R: PSYC332

Domestic Fee: \$892 (2021)

International Fee: \$4,563 (2021)

PSYC213-22S2 (C) Semester 2

PACE395 Internship

30 Points 0.2500 EFTS

What can you do with your major? With your degree? The purpose of the internship course is to explore both the ideological and practical assumptions guiding this question. The course is designed to be a critical, theoretical and "real-world" examination of the practices and ideologies inherent in both community and business organisations. You will apply the analytical skills acquired through your major, and through class seminars and readings, to a project designed by a local company or community group. Please check out the website for further information and specific project descriptions: www.arts.canterbury.ac.nz/internships

P: 150 points, special application and interview, and permission of the Internship Director.

R: ARTS395

EQ: ARTS395

Domestic Fee: \$1,570 (2021)

International Fee: \$7,000 (2021)

PACE395-21SU2 (C) Summer (Nov 21)

PACE395-22A (C) Starts Anytime

PACE395-22S1 (C) Semester 1

PACE395-22S2 (C) Semester 2

Limited entry. See limitation of entry regulations. A student will be selected for a specific project. Only students accepted for projects will be allowed into the course. Please go to <http://www.arts.canterbury.ac.nz/internships> for more information.

Psychology

PSYC330 Forensic Psychology

15 Points 0.1250 EFTS

This course is an introduction to the theory and practice of forensic psychology, including the potential role of Psychology graduates in the criminal justice system. There will be a particular emphasis on the contribution that psychological inquiry and practice can make in efforts to: - Understand the causes of antisocial behavior, including developmental processes - Develop and evaluate effective psychological interventions for antisocial behaviour - Predict who is likely to reoffend - Detect and investigate crime - Understand the "process" or "cycle" of offending in the lives of repeat offenders There is a laboratory component that will give you an understanding of how the theoretical components of the course are applied in real-world settings. Some of these labs will be delivered by guest lecturers working on the "frontline" of these efforts to reduce the harm cause by antisocial behaviour in New Zealand.

P: PSYC206 or 60 points at 200 level from Schedules C or E of the Bachelor of Criminal Justice.
Domestic Fee: \$892 (2021)

International Fee: \$4,563 (2021)

PSYC330-22S1 (C) Semester 1

PSYC330-22S1 (D) Semester 1

PSYC333 Biological Psychology

30 Points 0.2500 EFTS

Neural and biochemical bases of behaviour including topics in behavioural pharmacology, behavioural neuroscience, and neuropsychology. Laboratory classes cover basic brain structure and function.

P: PSYC206.

RP: 15 further points from PSYC200/300.

Domestic Fee: \$1,784 (2021)

International Fee: \$9,125 (2021)

PSYC333-22S1 (C) Semester 1

PSYC334 Learning and Behaviour Analysis

30 Points 0.2500 EFTS

Not offered in 2022

This course deals with learning and emphasises the way in which events in an individual's environment control his/her behaviour. Laboratory work illustrates selected principles of behaviour control using animal subjects in controlled environments.

P: PSYC206

PSYC335 Abnormal Psychology

30 Points 0.2500 EFTS

An introductory course in abnormal psychology covering both the traditional and modern approaches to the field.

P: PSYC206.

RP: PSYC207, PSYC211

Domestic Fee: \$1,784 (2021)

International Fee: \$9,125 (2021)

PSYC335-22W (C) Whole Year (S1 and S2)

PSYC335-22W (D) Whole Year (S1 and S2)

PSYC336 Industrial and Organisational Psychology

15 Points 0.1250 EFTS

This course provides an introduction to the field of Industrial Organisational Psychology (I/O Psychology). It will examine the applications of psychological theory and research to the workplace, in particular the contribution of I/O Psychology to enhanced organizational performance and improved employee attitudes. It is a prerequisite for entry into the postgraduate programme in Industrial/Organizational Psychology.

P: PSYC206.

RP: PSYC211, 15 further points from PSYC200

Domestic Fee: \$892 (2021)

International Fee: \$4,563 (2021)

PSYC336-22S2 (C) Semester 2

PSYC339 Health Psychology and Behaviour Change

30 Points 0.2500 EFTS

This is an introductory course in health psychology. The focus is on the contributions of behavioural science to the promotion of health and the treatment of illness. Topics covered include determinants of health-related behaviours (e.g. smoking, diet), individual and population approaches to behaviour change, stress and coping, adjustment to illness.

P: PSYC206

Domestic Fee: \$1,784 (2021)

International Fee: \$9,125 (2021)

PSYC339-22S1 (C) Semester 1

PSYC340 Cognitive Psychology

15 Points 0.1250 EFTS

An advanced seminar based course that focuses on current major developments and issues in cognitive psychology.

P: PSYC208

Domestic Fee: \$892 (2021)

International Fee: \$4,563 (2021)

PSYC340-22S2 (C) Semester 2

PSYC341 Environmental Psychology

15 Points 0.1250 EFTS

Theories and principles from across psychology are presented to explain the causes of environmentally destructive behaviour, and generate solutions for a sustainable future. This course will teach you principles of behaviour change, and how you can apply them in your home, workplace, and community. PSYC341 is designed to be practical and engaging. It includes weekly online exercises and discussions, and an applied behaviour change project.

P: Any 120 points at 100 level from any subject.

RP: PSYC105/PSYC106 or ENVR101

Domestic Fee: \$892 (2021)

International Fee: \$4,563 (2021)

PSYC341-22S2 (C) Semester 2

PSYC341-22S2 (D) Semester 2

PSYC344 Intermediate Research Methods and Statistics

30 Points 0.2500 EFTS

This intermediate course in research methods and statistics will guide you through the key steps of conducting psychological research that ultimately benefits and influences society. The lectures will cover a selection of topics on designing a project with consideration of research ethics, analysing and interpreting psychology data with rigour, and disseminating research findings for impact. The laboratory classes and assessments provide further experience in designing psychological research and writing up research in standard APA-style format

P: PSYC206

Domestic Fee: \$1,754 (2021)

International Fee: \$8,875 (2021)

PSYC344-21SU2 (D) Summer (Nov 21)

PSYC344-22S2 (C) Semester 2

PSYC344-22S2 (D) Semester 2

PSYC346 Judgement and Decision Making

15 Points 0.1250 EFTS

Not offered in 2022

The course covers risky and non-risky decision-making, theories of choice, and the way in which people make biased decisions and use short-cuts to make choices. We shall also examine decision criteria: reinforcement, subjective well-being, the value of life. Application in consumer and investment decisions, choosing between future and present good and self-control, and medical decisions will be a theme throughout.

P: PSYC206, or equivalent preparation

PSYC348 Contemporary Issues in Family Psychology

15 Points 0.1250 EFTS

This course will explore some contemporary and controversial issues in research and theory in Family Psychology. Topics covered may include matters such as child abuse; discipline and punishment; role of family in adolescent development and socialization; multi-systemic family therapy and other family interventions. The emphasis through will be on recent research and theorizing about the selected topics, on the critical evaluation of research and theory, and on its applications to policies and family therapies.

P: PSYC206 or 60 points at 200 level from the Health Sciences or Arts schedule.

Domestic Fee: \$892 (2021)

International Fee: \$4,563 (2021)

PSYC348-22S1 (C) Semester 1

PSYC349 Special Topic: Learning & Behaviour Analysis

15 Points 0.1250 EFTS

P: PSYC206

Domestic Fee: \$892 (2021)

International Fee: \$4,563 (2021)

PSYC349-22S2 (C) Semester 2

PSYC404 Research in Human and Animal Neuropsychology

30 Points 0.2500 EFTS

Not offered in 2022

The broad multidisciplinary nature of the study of brain and behaviour, including evidence from human and animal work. Aspects of memory and a range of neuropsychological disorders are covered.

P: Subject to approval of the Head of Department.

Limited entry. See limitation of entry regulations.

PSYC413 Research and Theory in Developmental Psychology

30 Points 0.2500 EFTS

Not offered in 2022

The aim of this course is to provide students with an opportunity to develop an advanced understanding of child development research and theory and, in particular, its application to children at risk. Course topics will include: models of child development; risk and resilience; behavioural genetics, developmental neuropsychology; family influences on children's development and selected topics in paediatric psychology.

P: Subject to approval of the Head of Department.

R: CFPY602, EDEM662, EDUC416.

PSYC415 Research in Experimental Analysis of Behaviour

30 Points 0.2500 EFTS

Not offered in 2022

Advanced topics in the study of operant behaviour including core material on stimulus and schedule control of behaviour, and animal perception and cognition.

P: Subject to approval of the Head of Department.

PSYC416 Cognitive Psychology

15 Points 0.1250 EFTS

The objectives of this course are to extend the knowledge of cognitive psychology and its content, theory and methods by discussing recent developments, by close study of classic work, and by considering the application of cognitive psychology to topical community issues.

P: Subject to approval of the Head of Department.

R: PHIL476

Domestic Fee: \$1,051 (2021)

International Fee: \$5,000 (2021)

PSYC416-22S2 (C) Semester 2**PSYC433 Research in Behavioural Pharmacology and Teratology**

30 Points 0.2500 EFTS

Not offered in 2022

An introduction to the effects of drugs on behaviour (behavioural pharmacology) and brain/behavioural development (behavioural teratology) with a particular focus on drugs and other chemicals that are used to treat psychological disorders and to enhance memory, and drugs that are abused and may lead to dependence.

P: Entry subject to the approval of the Head of Department.

RP: PSYC333 (or equivalent) is strongly recommended

*Limited entry. See limitation of entry regulations.***PSYC434 Health Psychology: Theories & Interventions**

15 Points 0.1250 EFTS

Contemporary research and theory on how people achieve and maintain good health, why they become ill, and how they respond to illness. This is an advanced course in health psychology.

R: PSYC437

RP: PSYC339 Health Psychology & Behaviour Change

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

PSYC434-22S2 (C) Semester 2**PSYC438 Special Topic**

30 Points 0.2500 EFTS

Not offered in 2022

Direct inquiries to Psychology Postgraduate Coordinator.

P: Subject to approval of the Head of Department.

PSYC439 Special Topic

30 Points 0.2500 EFTS

Not offered in 2022

P: Subject to approval of the Head of Department.

PSYC441 Special Topic: Forensic Psychology

15 Points 0.1250 EFTS

Domestic Fee: \$1,051 (2021)

International Fee: \$5,000 (2021)

PSYC441-22S1 (C) Semester 1**PSYC442 Clinical Practice Guidelines and Introduction to Cognitive Behaviour Assessment**

30 Points 0.2500 EFTS

An introduction to the ethics and practice guidelines that support the provision of Cognitive Behaviour Therapy (CBT) to individuals with mental health and addiction difficulties. The course will focus on interviewing and engagement techniques. The approach taken will be informed by the Hui process, using Māori concepts to inform engagement and assessment with both Māori

and non-Māori. This approach will be further supported by teaching on bicultural competence and confidence and a Treaty of Waitangi workshop. Key psychological mechanisms for common mental health disorders will be addressed, with a focus on developing CBT formulations. Students will be introduced to cognitive behavioural assessment and formulation, including functional analysis techniques and awareness of key marginalisation data for health outcomes for Māori.

P: Subject to the approval of the Programme Director.

Domestic Fee: \$2,101 (2021)

International Fee: \$9,375 (2021)

PSYC442-22X (C) 31 Jan 2022 - 26 June 2022*Limited entry. See limitation of entry regulations.***PSYC443 Cognitive Behaviour Therapy Case Conceptualisation and Intervention**

30 Points 0.2500 EFTS

This course offers further opportunity to develop skills in CBT formulation, with a focus on CBT case conceptualisation and intervention. It builds on the interviewing skills developed in PSYC442, including the engagement strategies for working with Māori and other client groups. Upon completion students should be able to critically integrate CBT assessment and treatment strategies.

P: Subject to the approval of the Programme Director.

Domestic Fee: \$2,101 (2021)

International Fee: \$9,375 (2021)

PSYC443-22X (C) 27 June 2022 - 13 Nov 2022*Limited entry. See limitation of entry regulations.***PSYC446 Frontiers of Cognitive Behaviour Therapy I**

30 Points 0.2500 EFTS

This course will provide advanced CBT formulation skills, teaching students to conceptualise mental health and substance misuse presentations using the Abductive Theory of Method. Students will critically appraise process issues in cognitive behavioural treatment, and will develop a detailed understanding of trauma informed practice. The course will explore the theory, application and processes of cognitive and behavioural interventions with more complex psychological problems. It will also provide an understanding of how to adapt and apply CBT for delivery to Māori and other ethnic groups.

P: Subject to the approval of the Programme Director.

Domestic Fee: \$2,101 (2021)

International Fee: \$9,375 (2021)

PSYC446-22W (C) Whole Year (S1 and S2)*Limited entry. See limitation of entry regulations.***PSYC447 Frontiers of Cognitive Behaviour Therapy II**

30 Points 0.2500 EFTS

Not offered in 2022

This course will explore the theory, application and processes of cognitive behavioural interventions for specific problems, including substance misuse, social anxiety, specific phobias, obsessive-compulsive disorder, eating problems and health-related anxiety. It will provide an understanding of the delivery of CBT to children and adolescents, and of the use of CBT in group settings.

P: Subject to the approval of the Programme Director.

*Limited entry. See limitation of entry regulations.***PSYC451 Human Factors - Ergonomics**

15 Points 0.1250 EFTS

Not offered in 2022

An overview of the role of psychology in the field of cognitive ergonomics and human factors.

P: Subject to approval of the Head of Department.

EQ: APSY610

PSYC452 Family Psychology

15 Points 0.1250 EFTS

A comprehensive examination of adult development within a family context.

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,051 (2021)

International Fee: \$5,000 (2021)

PSYC452-22S2 (C) Semester 2*Limited entry. See limitation of entry regulations.***PSYC457 Behavioural Interventions**

15 Points 0.1250 EFTS

Not offered in 2022

Problem-solving interventions across the life-span at the individual, family and community level using behaviour analysis principles.

P: Subject to approval of the Head of Department.

Psychology

PSYC458 Research in Visual Attention and Perceptual Neuropsychology

15 Points 0.1250 EFTS

This course is designed to provide a relatively in-depth understanding of current findings in selective areas of visual dynamics and perceptual neuropsychology. The goal is to facilitate students to develop both an understanding of the fields and an interest in pursuing some aspects of them in the future. Topics covered will include visual selection and memory, visual awareness, the representation of object and space, face recognition, and others.

P: Subject to approval by the Head of Department

Domestic Fee: \$1,051 (2021)

International Fee: \$5,000 (2021)

PSYC458-22S2 (C) Semester 2

PSYC460 Advanced Research Methods and Statistics

15 Points 0.1250 EFTS

Postgraduate course in statistics and research methods.

P: Subject to approval of the Head of Department.

R: PSYC601

EQ: PSYC601

Domestic Fee: \$1,051 (2021)

International Fee: \$5,000 (2021)

PSYC460-22S1 (C) Semester 1

PSYC466 The Psychology of Intergroup Relations

15 Points 0.1250 EFTS

To provide students with an advanced overview of theories and empirical research on the social psychology of intergroup relations.

P: Subject to the approval of the Head of Department.

RP: A Bachelors degree majoring in Psychology and PSYC213 Introduction to Social Psychology or PSYC332 Social Psychology.

Domestic Fee: \$1,051 (2021)

International Fee: \$5,000 (2021)

PSYC466-22S1 (C) Semester 1

PSYC468 Moral Psychology

15 Points 0.1250 EFTS

Not offered in 2022

This course will introduce postgraduate students to the psychology of morality. Topics will include methods and approaches, tolerance of political differences, reasoning about morality, character and reputation, morality in the economy, judging intentions, free will, evolution and cultural approaches, and moral diversity.

R: PHIL499

RP: PSYC211 Personality Psychology

PSYC469 Special Topic

15 Points 0.1250 EFTS

P: Subject to approval of the Head of Department

Domestic Fee: \$1,051 (2021)

International Fee: \$5,000 (2021)

PSYC469-22S1 (C) Semester 1

PSYC470 Research Project

30 Points 0.2500 EFTS

The Research Project is a compulsory component of the BSc(Hons) degree and may be included as one of the courses for the BA(Hons) degree and PGDipSci and Part I of a Masters degree. The project requires the completion of a research project where the work is performed under the close direction of a designated supervisor. Intending project students may discuss ideas in the first instance with the 400-level Coordinator.

P: Subject to approval of the Head of Department.

Domestic Fee: \$2,101 (2021)

International Fee: \$10,000 (2021)

PSYC470-22W (C) Whole Year (S1 and S2)

PSYC470-22CY (C) Cross Year

Limited entry. See limitation of entry regulations.

PSYC471 Special Topic:

15 Points 0.1250 EFTS

Information available from HoD / PSYC400 Course Coordinator in Psychology

P: Subject to approval of the Head of Department

Domestic Fee: \$1,051 (2021)

International Fee: \$5,000 (2021)

PSYC471-22S2 (C) Semester 2

PSYC472 History of Psychology

15 Points 0.1250 EFTS

Not offered in 2022

The course covers the history of psychology and particularly of ideas about psychology, including ideas that originate before the beginnings of scientific psychology in the mid-nineteenth century. The course will include reading some important past work in psychology as well as a very brief introduction to historical methodology.

P: Subject to the approval of the Head of Department.

R: HAPS418

EQ: HAPS418

PSYC473 The Individual in the Economy

15 Points 0.1250 EFTS

Not offered in 2022

The course examines how psychology may be applied to public sector decision-making, particularly with regard to financial issues. Topics may include decision-making; distributional justice; psychology of money; subjective well-being of society; valuation of government services; psychology of regulation; tax evasion; saving; psychology of unemployment; Why doesn't socialism work (or does it)?

P: Subject to the approval of the Head of Department.

RP: Bachelor's degree

PSYC475 Directed Research in Psychology

15 Points 0.1250 EFTS

In this course students will work on a research exercise under the close direction and supervision of a staff member. The research undertaken may involve a wide range of activities, e.g., meta-analysis of existing research; quantitative reviews of the effectiveness of outcome research; analyses of existing data archives; replications; and small-scale data-gathering and analysis projects. Students will be required to prepare a report on their research activity using standard APA style.

P: Subject to approval of the Head of Department

C: PSYC460, PSYC461, or PSYC464

R: PSYC470

Domestic Fee: \$1,051 (2021)

International Fee: \$5,000 (2021)

PSYC475-22W (C) Whole Year (S1 and S2)

Limited entry. See limitation of entry regulations.

PSYC477 Mental Health and Food

15 Points 0.1250 EFTS

The goal of the course is that students will learn about nutrition and mental health, the consequences of poor nutrition, the role of different diets on mental health, how nutrients exert their effects on mental health chemically, and the potential for nutritional therapies in treating mental illness. In addition, non-nutritional components (natural and additives) of food will be explored in the context of neurological effects to give the student an appreciation of the emerging importance of non-nutritive food components in mental health.

P: PSYC335 and subject to Head of Department approval.

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

PSYC477-22S2 (C) Semester 2

PSYC478 Advanced Abnormal Psychology: Professional Practice

15 Points 0.1250 EFTS

An in-depth examination of abnormal psychology with a focus on the dimensional processes that contribute to and protect against the expression of psychopathology in children and adolescents. Developmental issues will be considered in relation to atypical patterns of development. Core components of the course will focus on clinical interviewing and psychological assessment. The course will be presented by way of lectures, class work, video clips and selected readings. There will be an emphasis on in-class activities and informed class discussion. This course is strongly recommended for individuals interested in pursuing careers as a mental health practitioner.

P: Students should have completed PSYC207, PSYC335, EDUC102, or received HOS approval prior to enrolling in this course.

R: CFPY602

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

PSYC478-22S2 (C) Semester 2

PSYC479 Developmental Psychology in the Study of Sleep

15 Points 0.1250 EFTS

The purpose of this course is for students to gain an understanding of the intersection between sleep and developmental psychology across the lifespan, with a particular focus across the periods of infancy to adolescence. There will be an emphasis on (i) current empirical research and the relationship between sleep, behaviour and psychological health, or vice versa; and (ii) applied sleep research drawing on the principles of behaviour analysis and cognitive-behavioural theory/therapy.

P: (i) PSYC 344: and (2) PSYC 335

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

PSYC479-22S1 (C) Semester 1

Limited entry. See limitation of entry regulations.

Postgraduate

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

PSYC601 Advanced Research Methods and Statistics

15 Points 0.1250 EFTS

Postgraduate course in statistics and research methods.

P: Subject to approval of the Head of Department.

R: PSYC460, PSYC464

EQ: PSYC460

Domestic Fee: \$1,051 (2021)

International Fee: \$4,688 (2021)

PSYC601-22S1 (C) Semester 1

PSYC641 Advanced Psychopathology

30 Points 0.2500 EFTS

This course, which is restricted to clinical psychology postgraduate students, is a broad survey of adult and child psychopathology. The focus is on description (including classification, differential diagnosis, epidemiology, etc) etiology, and to some degree assessment. The seminar forms a building block for the next year's focus on intervention.

P: Subject to approval of the Head of Department.

Domestic Fee: \$2,101 (2021)

International Fee: \$9,375 (2021)

PSYC641-22W (C) Whole Year (S1 and S2)

Limited entry. See limitation of entry regulations.

PSYC642 Psychometric Assessment Methods

18 Points 0.1500 EFTS

The objective of the course is to provide an introduction to the theory and practice of psychometric assessment in clinical work. Students will improve their ability to select, administer, score and interpret a range of psychometric assessment tools. The first semester provides an introduction to neuropsychological assessment, including intelligence testing, and assessment of the brain-behaviour relationship. The second semester familiarises you with the more frequently used psychometric tests of behavioural and emotional functioning, integrating them within a broad multi-modal, multi-informant understanding of your client.

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,261 (2021)

International Fee: \$5,625 (2021)

PSYC642-22W (C) Whole Year (S1 and S2)

Limited entry. See limitation of entry regulations.

PSYC643 Year 1 Practicum

24 Points 0.2000 EFTS

The course objective is to provide the opportunity for students to apply the science and practice of clinical psychology. Students will develop their understanding of the 'art of interviewing' in a manner that is client centred, evidence-based, safe, ethical, and culturally relevant. The practicum component provides students the opportunity to undertake assessment interviews, psychometric assessment, observation of treatment, and report writing.

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,681 (2021)

International Fee: \$7,500 (2021)

PSYC643-22W (C) Whole Year (S1 and S2)

Limited entry. See limitation of entry regulations.

PSYC651 Psychotherapeutic Methods

30 Points 0.2500 EFTS

This course, which is restricted to clinical psychology postgraduate students, provides students with a basic understanding of the conceptual foundations of cognitive and behavioural therapies for child, adolescent and adult disorders. To this end, the course will explore the theory, application and processes of cognitive and behavioural intervention approaches with reference to specific psychological disorders or problematic behaviour patterns, as well as highlight pertinent empirical data on the effectiveness of the various psychological interventions reviewed.

P: Subject to approval of the Head of Department.

Domestic Fee: \$2,101 (2021)

International Fee: \$9,375 (2021)

PSYC651-22W (C) Whole Year (S1 and S2)

PSYC653 Year 2 Practicum

30 Points 0.2500 EFTS

The course objective is to provide the opportunity for students to apply the science and practice of clinical psychology in the context of practicum placements. The focus for the year 2 practicum is on students gaining further experience with psychological assessment, and gaining some experience with psychological intervention/therapy, with students being given the opportunity to observe and participate in intervention/therapy. Students will participate in two 12-week practicum placements in the community of two days per week in Terms 2-4. Students are also expected to complete a practicum at the Psychology Centre of approximately two days a week for Term 1.

P: Subject to approval of the Head of Department.

Domestic Fee: \$2,101 (2021)

International Fee: \$9,375 (2021)

PSYC653-22X (C) 07 Feb 2022 - 20 Nov 2022

PSYC654 Comprehensive Exam in Clinical Psychology

12 Points 0.1000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$840 (2021)

International Fee: \$3,750 (2021)

PSYC654-22W (C) Whole Year (S1 and S2)

PSYC661 Advanced Topics in Clinical Psychology I

30 Points 0.2500 EFTS

This course is a survey of advanced topics in clinical psychology that builds upon previous courses in psychopathology assessment, and professional practice. The objectives of the course are to: - Increase specialist knowledge of areas of clinical psychology that have not been addressed more fully in the programme and which require more foundational knowledge - Develop more sophisticated assessment knowledge and skills regarding social, cultural and ethical issues. By the end of the course, students will have more knowledge regarding specific specialist areas in clinical psychological, will have a greater understanding of cultural, social and ethical factors impacting on psychological presentation and will have a more integrate knowledge of assessment and practice.

P: (1) PSYC651, PSYC653, PSYC654 (2) Entry is subject to approval of the Head of Department.

Domestic Fee: \$2,101 (2021)

International Fee: \$9,375 (2021)

PSYC661-22W (C) Whole Year (S1 and S2)

PSYC662 Advanced Topics in Clinical Psychology II

30 Points 0.2500 EFTS

This course is a survey of advanced practices in clinical psychology which builds on previous courses in psychological intervention. The objectives of the course are to: - Increase specialist knowledge in advanced intervention methods. - Learn more about interventions for specific psychological problems - Integrate theory and intervention for specific psychological problems. By the end of the course, students will have more knowledge regarding specific psychological interventions, their theoretical foundations and techniques.

P: (1) PSYC651, PSYC653, PSYC654 (2) Entry is subject to approval of the Head of Department

Domestic Fee: \$2,101 (2021)

International Fee: \$9,375 (2021)

PSYC662-22W (C) Whole Year (S1 and S2)

PSYC670 Internship in Clinical Psychology

60 Points 0.5000 EFTS

Opportunity for students to apply the science and practice of clinical psychology in a practical setting, the internship year is two full-time half-year clinical placements. Limited to students already admitted to the clinical psychology programme.

P: PSYC651, PSYC653, PSYC654. Entry is subject to Head of Department approval.

C: PSYC661, PSYC662.

Domestic Fee: \$4,202 (2021)

International Fee: \$18,750 (2021)

PSYC670-22A (C) Starts Anytime

PSYC671 Internship in Clinical Psychology A - Part-time

30 Points 0.2500 EFTS

Opportunity for students to apply the science and practice of clinical psychology in a practical setting. The internship year is normally two full-time half-year clinical placements or, with permission of the Clinical Director, two part-time one year clinical placements (PSYC671 and PSYC672). Limited to students already admitted to the clinical psychology programme.

P: (1) PSYC651, PSYC653, PSYC654 (2) Entry is subject to approval of the Head of Department

C: PSYC661, PSYC662

R: PSYC670

Domestic Fee: \$2,101 (2021)

International Fee: \$9,375 (2021)

PSYC671-22A (C) Starts Anytime

PSYC672 Internship in Clinical Psychology B - Part-time

30 Points 0.2500 EFTS

Opportunity for students to apply the science and practice of clinical psychology in a practical setting. The internship year is normally two full-time half-year clinical placements or, with permission of the Clinical Director, two part-time one year clinical placements (PSYC671 and PSYC672). Limited to students already admitted to the clinical psychology programme.

P: PSYC651, PSYC653, PSYC654, PSYC671

C: PSYC661, PSYC662

R: PSYC670

Domestic Fee: \$2,101 (2021)

International Fee: \$9,375 (2021)

PSYC672-22A (C) Starts Anytime

PSYC690 MA Thesis

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$7,900 (2021)

International Fee: \$40,000 (2021)

PSYC690-22A (C) Starts Anytime*Part-time enrolment (0.65 EFTS) is available on approval.***PSYC695 MSc Thesis**

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$7,900 (2021)

International Fee: \$40,000 (2021)

PSYC695-22A (C) Starts Anytime**PSYC790 Psychology PhD**

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$7,900 (2021)

International Fee: \$40,000 (2021)

PSYC790-22A (C) Starts Anytime*Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Russian

*Te Kura Mātāpuna Tangata | School of Language, Social and Political Sciences***RUSS130 Elementary Russian Language A**

15 Points 0.1250 EFTS

Russian language course for absolute beginners, i.e. students with no knowledge of Russian, based on the communicative approach.

R: RUSS101

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

RUSS130-22S1 (C) Semester 1**RUSS130-22S1 (D) Semester 1****RUSS131 Elementary Russian Language B**

15 Points 0.1250 EFTS

A Russian language course that follows on from RUSS130, based on the communicative approach.

P: RUSS130

R: RUSS101

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

RUSS131-22S2 (C) Semester 2**RUSS131-22S2 (D) Semester 2****RUSS218 The Soviet Experiment and Its Aftermath**

15 Points 0.1250 EFTS

The emphasis is on Russia's 20th century Communist experience and its many legacies in the fast-changing post-Soviet society. Together we will examine the causes of the Bolshevik Revolution and the greatest social experiment in the history of humankind that followed it. The course will explore the roots of Stalinism, the causes and consequences of Soviet victory over Nazi Germany in World War II, the space race and other Cold War competitions between the superpowers, Gorbachev's reforms and the collapse of the USSR. Was the end of the Communist rule in the Soviet Union predetermined?

P: Any 15 points at 100 level from EURA, HIST, or RUSS, or any 60 points at 100 level from the Schedule V of the BA.

R: RUSS318, HIST274, HIST374, EURA214

EQ: HIST274, EURA214

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

RUSS218-22S2 (C) Semester 2**RUSS230 Intermediate Russian Language A**

15 Points 0.1250 EFTS

This is the first of two intermediate Russian language courses. It aims at extending vocabulary and grammatical structures to discuss and write about simple topics in Russian culture.

P: RUSS131, or placement test.

R: RUSS201

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

RUSS230-22S1 (C) Semester 1**RUSS230-22S1 (D) Semester 1****RUSS231 Intermediate Russian Language B**

15 Points 0.1250 EFTS

This is the second of two intermediate Russian language courses. It extends the reading, writing and discussion skills acquired in RUSS230 and places greater emphasis on conversation skills.

P: RUSS230, or placement test.

R: RUSS201

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

RUSS231-22S2 (C) Semester 2**RUSS231-22S2 (D) Semester 2****RUSS235 Tsardom to Empire: Russian History 1480 to 1917**

15 Points 0.1250 EFTS

Not offered in 2022

This course explores aspects of social, political, economic, cultural, religious, and intellectual history of Russia prior to 1917, with a particular emphasis on the autocratic tradition as developed from 1480 onwards. The course also investigates the making of the Russian Empire while also examining ways in which political forces unique to Russia shaped the country's cultural specificity in the European context.

P: Any 15 points at 100 level from EURA, HIST, or RUSS, or any 60 points at 100 level from the Schedule V of the BA.

R: HIST138, HIST235, HIST335, RUSS111, RUSS235, RUSS335, EURA235, EURA335

RP: HIST136 or HIST137 or HIST133

EQ: HIST235, EURA235

PACE395 Internship

30 Points 0.2500 EFTS

What can you do with your major? With your degree? The purpose of the internship course is to explore both the ideological and practical assumptions guiding this question. The course is designed to be a critical, theoretical and "real-world" examination of the practices and ideologies inherent in both community and business organisations. You will apply the analytical skills acquired through your major, and through class seminars and readings, to a project designed by a local company or community group. Please check out the website for further information and specific project descriptions: www.arts.canterbury.ac.nz/internships

P: 150 points, special application and interview, and permission of the Internship Director.

R: ARTS395

EQ: ARTS395

Domestic Fee: \$1,570 (2021)

International Fee: \$7,000 (2021)

PACE395-21SU2 (C) Summer (Nov 21)**PACE395-22A (C) Starts Anytime****PACE395-22S1 (C) Semester 1****PACE395-22S2 (C) Semester 2***Limited entry. See limitation of entry regulations. A student will be selected for a specific project. Only students accepted for projects will be allowed into the course. Please go to <http://www.arts.canterbury.ac.nz/internships> for more information.***RUSS318 The Soviet Experiment and Its Aftermath**

30 Points 0.2500 EFTS

The emphasis is on Russia's 20th century Communist experience and its many legacies in the fast-changing post-Soviet society. Together we will examine the causes of the Bolshevik Revolution and the greatest social experiment in the history of humankind that followed it. The course will explore the roots of Stalinism, the causes and consequences of Soviet victory over Nazi Germany in World War II, the space race and other Cold War competitions between the superpowers, Gorbachev's reforms and the collapse of the USSR. Was the end of the Communist rule in the Soviet Union predetermined?

P: Any 30 points at 200 level from EURA, HIST, or RUSS, or any 60 points at 200 level from the Schedule V of the BA.

R: RUSS218, HIST274, HIST374, EURA214

RP: RUSS235/HIST235/EURA235

EQ: HIST374

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

RUSS318-22S2 (C) Semester 2**RUSS330 Advanced Russian Language A**

30 Points 0.2500 EFTS

This is the first of two advanced Russian language courses. It aims at improving students' all-round knowledge of contemporary Russian language and communication skills.

P: RUSS231, or placement test.

R: RUSS301

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

RUSS330-22S1 (C) Semester 1

RUSS331 Advanced Russian Language B

30 Points 0.2500 EFTS

This is the second of two advanced Russian language courses. It aims at improving students' all-round knowledge of contemporary Russian language and communication skills. In addition, students' translation skills will be enhanced through work on media sources and fictional texts.

P: RUSS330, or placement test.

R: RUSS301

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

RUSS331-22S2 (C) Semester 2**RUSS335 Tsardom to Empire: Russian History 1480 to 1917**

30 Points 0.2500 EFTS

Not offered in 2022

This course explores aspects of social, political, economic, cultural, religious, and intellectual history of Russia prior to 1917, with a particular emphasis on the autocratic tradition as developed from 1480 onwards. The course also investigates the making of the Russian Empire while also examining ways in which political forces unique to Russia shaped the country's cultural specificity in the European context.

P: Any 30 points at 200 level from EURA, HIST, or RUSS, or any 60 points at 200 level from the Schedule V of the BA.

R: HIST138, HIST235, HIST335, RUSS111, RUSS235, RUSS335, EURA235, EURA335

EQ: HIST335, EURA335

Postgraduate

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

RUSS403 Independent Course of Study

30 Points 0.2500 EFTS

Not offered in 2022

P: Subject to approval of the Programme Coordinator.

R: RUSS 409

RUSS406 Special Linguistic Study

30 Points 0.2500 EFTS

Not offered in 2022

A study of some aspects of Russian culture and its symbolic language with the help of semiotic theory.

P: Subject to approval of the Programme Coordinator.

R: EURO411

EQ: EURO411

RUSS409 Russian Language

30 Points 0.2500 EFTS

A survey course of Russian post-Soviet language, which enhances further some practical skills, such as translation and comprehension. It studies Russian contemporary slang, idiomatic expressions, loan words from English, and contemporary media. A good knowledge of Russian language is essential.

P: Subject to approval of the Programme Coordinator.

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

RUSS409-22S2 (C) Semester 2**RUSS412 Nationalism and Ethnic Conflict in the Post-Soviet Space**

30 Points 0.2500 EFTS

Not offered in 2022

Following the ideological bankruptcy of Soviet internationalism, ethnic clashes and tensions have swept across the expanses of the former USSR, fostering new nationalistic discourse and new cultural expressions of ethnic awareness. This course studies the historical and ideological roots and current manifestations of nationalism and ethnic conflict in Russia and the former Soviet republics.

P: Subject to approval of the Programme Coordinator.

R: DIPL415, EURO415

EQ: EURO420, DIPL415

RUSS480 Research Essay

30 Points 0.2500 EFTS

In this course, students explore a research topic of their choice under the supervision of an appropriate staff member, subject to approval by the programme coordinator. This course is compulsory for all Honours students.

P: Subject to approval of the Programme Coordinator.

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

RUSS480-22W (C) Whole Year (S1 and S2)**RUSS481 Study Abroad in Russia**

30 Points 0.2500 EFTS

This course is studied in Russia during Semester One or Semester Two, with supervision from Canterbury. The course content depends on the offerings of the Russian partner university, but must consist of language-focused modules for RUSS481 and culture-focused modules for RUSS482 approved by the Russian Programme Director.

P: Subject to approval of the Programme Coordinator.

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

RUSS481-22S2 (C) Semester 2**RUSS482 Study Abroad in Russia**

30 Points 0.2500 EFTS

This course is studied in Russia during Semester One or Semester Two, with supervision from Canterbury. The course content depends on the offerings of the Russian partner university, but must consist of language-focused modules for RUSS481 and culture-focused modules for RUSS482 approved by the Russian Programme Director.

P: Subject to approval of the Programme Coordinator.

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

RUSS482-22S2 (C) Semester 2**RUSS650 MA Dissertation**

60 Points 0.5000 EFTS

MA Dissertation

P: Subject to approval of the Head of Department.

Domestic Fee: \$3,610 (2021)

International Fee: \$16,500 (2021)

RUSS650-22A (C) Starts Anytime**RUSS650-22S1 (C) Semester 1****RUSS650-22S2 (C) Semester 2****RUSS690 MA Thesis**

120 Points 1.0000 EFTS

P: Subject to approval of the Programme Coordinator.

Domestic Fee: \$7,220 (2021)

International Fee: \$33,000 (2021)

RUSS690-22A (C) Starts Anytime*Part-time enrolment (0.65 EFTS) is available on approval.***RUSS790 Russian PhD**

120 Points 1.0000 EFTS

P: Subject to approval of the Head of School.

Domestic Fee: \$7,220 (2021)

International Fee: \$33,000 (2021)

RUSS790-22A (C) Starts Anytime

*Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Science*Te Kaupeka Pūtaiao | Faculty of Science***SCIE101 Science, Society and Me**

15 Points 0.1250 EFTS

In this foundational course, we examine stimulating questions such as what science is, how does science, how is science practiced, how do science, culture and society interact and how science is communicated to differing audiences. This course will draw on a variety of historical and contemporary case-studies, leading edge research, ethical challenges and controversial issues. Students will gain an understanding of the civic roles, responsibilities and influence of science in our Māori, New Zealand, and global communities. Students will learn how to work effectively as a team and communicate successfully to communities and end-users. Students will learn what it means to be a successful scientist in Aotearoa (New Zealand) and the world in the 21st century.

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

SCIE101-22S2 (C) Semester 2**SCIE101-22S2 (D) Semester 2**

SCIE303 Internship

15 Points

0.1250 EFTS

Not offered in 2022

This course is designed for students wanting to apply the skills that they have learnt during their Science degree to a work-based learning experience. You will gain practical experience working in a science or technology based business or organisation enabling you to gain many useful skills for when you enter the workforce. You will have the opportunity to learn how to be more innovative and entrepreneurial as well as learn some basic business skills. This will ultimately provide you with a competitive advantage for whatever you choose to do next whether it is to enter the workforce or enter postgraduate study.

P: 105 points, including 45 points at 200-level. Special application and interview, with permission of Internship Manager.

RP: Students should attend UC careers CV writing and interview skills workshop prior to submitting internship application

SCIE304 Science Communicators

15 Points

0.1250 EFTS

Do you think you could inspire the next generation of scientists? Do you want to improve your communication skills? Would you like to do something that makes a real difference? This course is for students who are passionate and enthusiastic about communicating their subject. You will have multiple opportunities to communicate science. You will be assigned to a local school and work with a teacher mentor in their classroom for most of a term. An important goal will be to create and deliver a series of lessons or activities for akonga, leaving a memorable experience for them and hopefully inspiring a new generation of scientists. These sessions include receiving an induction into classroom work and have the chance to observe pupils and teachers before getting stuck in. This will be a hands-on course in a real work environment and ideal for anyone considering a possible career in education or science communication. We won't lie - it will be hard work, however, it will also be an experience like no other you will have had at Uni and hopefully a lot of fun! Acceptance by application and selection only.

P: (1) 45 points at 200-level from the majoring requirements for Computer Science or Mathematics; (2) Approval by Head of Department

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

SCIE304-22S1 (C) Semester 1

Science Education

Te Kura Ārahi Ako | School of Educational Studies and Leadership

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

SCED790 Science Education PhD

120 Points

1.0000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$7,220 (2021)

International Fee: \$33,000 (2021)

SCED790-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.

Science, Māori and Indigenous Knowledge

*Te Kaupeka Pūtaiao | Faculty of Science***SCIM101 Science, Māori and Indigenous Knowledge**

15 Points

0.1250 EFTS

This is an integrated multi-disciplinary course between Aotahi: School of Māori and Indigenous Studies and the College of Science. This course provides a basic understanding of Māori and indigenous peoples' knowledge in such fields as astronomy, physics, conservation biology, aquaculture, resource management and health sciences. The course provides unique perspectives in indigenous knowledge, western science and their overlap. The course will provide an essential background in cultural awareness and its relationship with today's New Zealand scientific community.

R: MAOR172

EQ: MAOR172

Domestic Fee: \$892 (2021)

International Fee: \$4,563 (2021)

SCIM101-22S2 (C) Semester 2

Sculpture

*Te Kura Kōwaiwai | Ilam School of Fine Arts***SCUL211 Sculpture 2A**

45 Points

0.3750 EFTS

Students will be introduced to developing technical competence in, and broad operational of, theoretical knowledge within the specialised studio discipline. Projects relating to the conventions and techniques of Sculpture practice, participation in group meetings, critiques, reading groups and critical reflections, documentation of all work.

P: FINA103, or subject to approval of the Head of the School of Fine Arts. Entry to this course is limited.

Domestic Fee: \$2,675 (2021)

International Fee: \$12,938 (2021)

SCUL211-22S1 (C) Semester 1

SCUL212 Sculpture 2B

45 Points

0.3750 EFTS

Students will continue the development of technical competence in, and broad operational of, theoretical knowledge within the specialised studio discipline. Projects relating to the conventions and techniques of Sculpture practice, participation in group meetings, critiques, reading groups and critical reflections, documentation of all work.

P: SCUL211, or subject to approval of the Head of the School of Fine Arts. Entry to this course is limited.

Domestic Fee: \$2,675 (2021)

International Fee: \$12,938 (2021)

SCUL212-22S2 (C) Semester 2

SCUL311 Sculpture 3

90 Points

0.7500 EFTS

P: SCUL212

Domestic Fee: \$5,351 (2021)

International Fee: \$25,875 (2021)

SCUL311-22W (C) Whole Year (S1 and S2)

SCUL411 Sculpture 4

90 Points

0.7500 EFTS

P: SCUL311

Domestic Fee: \$5,351 (2021)

International Fee: \$25,875 (2021)

SCUL411-22W (C) Whole Year (S1 and S2)

Postgraduate

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

SCUL601 Sculpture

120 Points

1.0000 EFTS

P: Subject to approval of the Head of School.

Domestic Fee: \$7,900 (2021)

International Fee: \$37,500 (2021)

SCUL601-22A (C) Starts Anytime

Social Work

*School of Languages, Social and Political Sciences***SOWK101 Introduction to Social Policy**

15 Points

0.1250 EFTS

An introduction to the provision of welfare in New Zealand, providing students with the opportunity to examine socio-cultural, economic and political factors that have influenced current welfare policies, practice and services. The course addresses basic organising concepts of welfare, using historical and contemporary case studies. Students will be introduced to tools and frameworks that will enable them to develop research skills and critical thinking. Using current case studies of service delivery presented by guest practitioners, contemporary research practices, social worlds/issues and welfare services/responses are analysed.

R: HSRV101

EQ: HSRV101

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

SOWK101-22S2 (D) Semester 2

SOWK101-22S2 (C) Semester 2

SOWK102 Social Services in Aotearoa

15 Points 0.1250 EFTS

A course that introduces the history, and contemporary organisation, and functions of the social services industry in New Zealand society. Particular emphasis is placed on the development of students' capacities to understand and critically analyse the impact of service delivery on diverse populations.

R: HSRV102

EQ: HSRV102

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

SOWK102-22S1 (D) Semester 1**SOWK102-22S1 (C) Semester 1****SOWK104 Youth Realities**

15 Points 0.1250 EFTS

The course introduces students to the diverse realities of youth with a focus on youth in multiple contexts. Students will explore issues that place youth outside the margins of dominant society that often increases the level of prejudice and discrimination against them. Throughout the course students will engage in current debates within five key sections: Transgressing masculinities and femininities; Embodied identity; Youth technologies, spaces and things; Negotiating sexualities; Missing youth rights. Each of these sections will introduce diverse youth perspectives, issues, challenges and debates, and encourages students to critically consider the responses, models, theoretical frameworks used in youth work and human service sectors in general.

R: HSRV104

EQ: HSRV104

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

SOWK104-22S1 (C) Semester 1**SOWK104-22S1 (D) Semester 1****SOWK202 Human Behaviour and Human Systems**

15 Points 0.1250 EFTS

This course examines the applications to human services of primary knowledge about human functioning and social behaviours, drawing on contemporary theories of psychosocial processes. The course explores selected developmental and external challenges facing children and families in New Zealand. The focus of the course is on usual developmental processes and the interface between individual and societal expectations, and implications for social service delivery.

P: Any 15 points at 100 level from HSRV or SOWK, or any 60 points at 100 level from the Schedule V of the BA, or from the Schedule C to the BSW(Hons).

R: HSRV202

EQ: HSRV202

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

SOWK202-22S1 (C) Semester 1**SOWK202-22S1 (D) Semester 1****SOWK203 Policy Debates in the Social Services**

15 Points 0.1250 EFTS

This course examines key principles guiding policy on the provision of social services. Trends and debates around the shifting relationship between welfare systems and the state are explored along with factors influencing the delivery of human services in Aotearoa/New Zealand. Students will learn to critically assess the implications of social service delivery for providers and consumers of welfare services, and issues around the impact of inequalities in society.

P: Any 15 points at 100 level from HSRV or SOWK, or any 60 points at 100 level from the Schedule V of the BA, or from the Schedule C to the BSW(Hons).

R: HSRV203

EQ: HSRV203

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

SOWK203-22S2 (C) Semester 2**SOWK203-22S2 (D) Semester 2****SOWK205 Social Work and Community Engagement**

15 Points 0.1250 EFTS

This course focuses on the development of the practice skills needed by students to engage well with individuals and community groups.

P: With the permission of the Programme Co-ordinator.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

SOWK205-22S2 (C) Semester 2*Limited entry. See limitation of entry regulations.***SOWK206 Communication for Practice**

15 Points 0.1250 EFTS

This course will include substantive content on communicating across the life course, communication for practice with Māori, communication for working with diverse communities, communication for advocacy, professional communication (legal and ethical), documenting for practice, and working in groups (teamwork). This course is an introduction to aspects of professional communication in a practice/workplace environment. Common communication dynamics associated with teamwork, breaking bad news, addressing conflict, and macro advocacy will be explored. The course utilises a blended learning format.

P: Any 15 points at 100 level from HSRV or SOWK, or any 60 points at 100 level from the Schedule V of the BA or BC, or from Schedule C to the BSW(Hons).

R: HSRV201, SOWK201

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

SOWK206-22S1 (C) Semester 1*Limited entry. See limitation of entry regulations.***SOWK212 Family Violence**

15 Points 0.1250 EFTS

This course will provide substantive content on the dynamics of family violence across three forms of violence including child abuse and neglect, intimate partner violence and elder abuse. Specialist law provides the means through which family violence concerns can be addressed by the State. Both voluntary and statutory responses are used in response to family violence. This course provides a broad overview of the ways in which the family and the state attempt to address the issue of family violence. Students will be introduced to research and literature pertaining to family violence from an international and New Zealand perspective and will use this to critique how family violence is both framed and responded to. The course utilises a blended learning format.

P: Any 15 points at 100 level in HSRV or SOWK, or any 60 points at 100 level from the Schedule V of the BA or from Schedule C or E of the BCJ.

R: HSRV206, HSRV212

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

SOWK212-22S2 (D) Semester 2**SOWK301 Theory, Methods and Integration**

30 Points 0.2500 EFTS

This course provides the theoretical and methodological foundation to the programme. A major component is a review and analysis of major theories and models that influence social work practice. Social work process is explored in relation to these theoretical underpinnings. Finally, practice modalities relevant to family, group and community work are considered. These studies will be integrated with methods and analysis from policy, cross-cultural and contextual perspectives.

P: Any 240 points at 100 and 200 level from the Schedule C and E of the BSW(Hons). Head of Department approval mandatory.

C: SOWK308. For students undertaking part-time study, SOWK301, together with SOWK308, must be completed in the last two years of study.

R: SOWK514/614

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

SOWK301-22W (C) Whole Year (S1 and S2)*Limited entry. See limitation of entry regulations.***SOWK303 Mental Health**

15 Points 0.1250 EFTS

Mental health is studied within the social work context by examining the conceptual frameworks and legislation that distinguish mental health from mental illness, introducing the major diagnostic classifications. The course considers the context of mental disorders and consequently considers issues around human adaptation, culture and gender, policy and service provision. Students are supported to achieve an understanding of how theory applies to social work practice via on independent learning project, and online class discussions based on case studies and readings. Aotearoa New Zealand as a bicultural and multicultural country is woven throughout the course. Implications for working in multi-disciplinary teams, within mental health services or associated services as a social work practitioner are foundational features of this course.

P: Any 240 points at 100 and 200 level from the Schedule C and E of the BSW(Hons). Head of Department approval mandatory.

R: SOWK611

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

SOWK303-22S2 (D) Semester 2**SOWK304 Indigenous Practice**

15 Points 0.1250 EFTS

This course draws together considerations for effective social work practice in New Zealand's bi-cultural society. It also considers issues of cultural identity, ethnic relations, power and control as the basis for cross-cultural work with ethnic minorities, settler communities and refugees. One or more marae-based hui are a course requirement.

P: Any 240 points at 100 and 200 level from the Schedule C and E of the BSW(Hons). Head of Department approval mandatory.

R: HSRV304

EQ: HSRV304

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

SOWK304-22S1 (C) Semester 1

Social Work

SOWK308 Social Work Principles and Skills

30 Points 0.2500 EFTS

Interpersonal communication and counselling skills are examined using a social work process framework with an emphasis on cultural and strengths perspectives. Skill development must be demonstrated and a pass obtained to progress to fieldwork placements.

P: Any 240 points at 100 and 200 level from the Schedule C and E of the BSW(Hons). Head of Department approval mandatory.

C: SOWK301. For students undertaking part time study, SOWK301 together with SOWK308, must be completed in the last two years of study.

R: SOWK515, SOWK615

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

SOWK308-22W (C) Whole Year (S1 and S2)

Limited entry. See limitation of entry regulations.

SOWK311 Independent Course of Study: Social Policy and Practice in International Social Work

15 Points 0.1250 EFTS

Not offered in 2022

P: Any 240 points at 100 and 200 level from the Schedule C and E of the BSW(Hons). Head of Department approval mandatory.

SOWK340 Practice research for social work

30 Points 0.2500 EFTS

This course covers the fundamentals of social research, including: problem formulation; ethical considerations; sampling and measurement; varieties of research methods; data analysis and, dissemination and distribution of research knowledge related to social work.

P: Any 240 points at 100 and 200 level from the Schedule C and E of the BSW(Hons). Head of Department approval mandatory.

R: HSRV302; HSRV305; SOWK302; SOWK305; SOWK310; SOWK390

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

SOWK340-22W (C) Whole Year (S1 and S2)

SOWK490 Social Work Practice Integration Research Project

30 Points 0.2500 EFTS

This course reviews the fundamentals of social research, including: ethical considerations; sampling and data collection; data analysis and, dissemination and distribution of research knowledge related to the social work. The major course assessment is a research project.

P: 360 points including SOWK301, SOWK303, SOWK304, SOWK308 and SOWK340

C: SOWK491 and SOWK492

R: SOWK451, SOWK456, SOWK525, SOWK526, SOWK572

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

SOWK490-22A (C) Starts Anytime

SOWK490-22W (C) Whole Year (S1 and S2)

Limited entry. See limitation of entry regulations.

SOWK491 Social Work Fieldwork Practicum I

45 Points 0.3750 EFTS

Field experience of 60 days in social service agencies under the guidance of accredited fieldwork teachers. Teaching and learning methods seek to facilitate an effective framework for initial practice, in accord with the New Zealand Association of Social Workers competency standards.

P: 360 points including SOWK301, SOWK303, SOWK304, SOWK308 and SOWK390

C: SOWK490

R: SOWK571, SOWK671

EQ: SOWK671

Domestic Fee: \$2,906 (2021)

International Fee: \$12,375 (2021)

SOWK491-22A (C) Starts Anytime

SOWK491-22S1 (C) Semester 1

Limited entry. See limitation of entry regulations.

SOWK492 Social Work Fieldwork Practicum II

45 Points 0.3750 EFTS

Field experience of 60 days in social service agencies under the guidance of accredited fieldwork teachers. Teaching and learning methods seek to facilitate an effective framework for initial practice, in accord with the New Zealand Association of Social Workers competency standards.

P: SOWK491

C: SOWK490

R: SOWK572, SOWK672

EQ: SOWK672

Domestic Fee: \$2,906 (2021)

International Fee: \$12,375 (2021)

SOWK492-22A (C) Starts Anytime

SOWK492-22S2 (C) Semester 2

Limited entry. See limitation of entry regulations.

Postgraduate

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

SOWK611 Human Behaviour and Mental Health

15 Points 0.1250 EFTS

This course builds on students' foundation knowledge of human behaviour and social work theory and methods. Mental health is studied by examining notions of mental health and mental illness, and then introducing the major classifications. The topic is explored within the context of a developmental ecological, evolutionary and Māori perspectives. Implications for working in multi-disciplinary teams, within mental health services or associated services, as a social work practitioner, are foundational features of this course. Teaching methods include reflective/reflexive group process and an independent learning project.

P: Subject to approval of the Head of Department.

R: SOWK303

Domestic Fee: \$969 (2021)

International Fee: \$4,125 (2021)

SOWK611-22S2 (D) Semester 2

SOWK612 Mana Motuhake, a Bicultural Analysis

15 Points 0.1250 EFTS

This course provides a critical analysis of culture, diversity and contemporary debates within Aotearoa New Zealand society. There is a focus on racial diversity and the part that the Treaty of Waitangi plays in developing biculturalism as a precursor to multiculturalism.

P: Subject to approval of the Head of Department.

R: SOWK512

Domestic Fee: \$969 (2021)

International Fee: \$4,125 (2021)

SOWK612-22S1 (D) Semester 1

SOWK614 Social Work Theory, Research and Practice

30 Points 0.2500 EFTS

This course provides the theoretical and methodological foundation to the programme. A major component is a review and analysis of major theories and models that influence social work practice. Social work process is explored in relation to these theoretical underpinnings. Finally, practice modalities relevant to family, group and community work are considered. These studies will be integrated with methods and analysis from policy, cross-cultural and contextual perspectives.

P: Subject to approval of the Head of Department.

C: SOWK615. For students undertaking part-time study, SOWK614, together with SOWK615, must be completed in the last two years of study.

R: SOWK514/301

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

SOWK614-22W (D) Whole Year (S1 and S2)

Limited entry. See limitation of entry regulations.

SOWK615 Social Work Principles and Skills

30 Points 0.2500 EFTS

The Principles and Skills course integrates the principles of social work with the study of practice and technique. A framework for social work practice is introduced, comprising values, ethics, perspectives, and practices. This framework is used as the context for the development of skills in relation to practice in individual, family, group, and community development contexts. Skill development and analysis will take place in a series of labs, where practice is considered in relation to context and diversity. The concept of supervision is introduced and applied in these labs.

P: Subject to approval of the Head of Department.

R: SOWK308; SOWK515

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

SOWK615-22W (D) Whole Year (S1 and S2)

Limited entry. See limitation of entry regulations.

SOWK618 Independent Course of Study: Qualitative Research and Programme Evaluation Strategies

15 Points 0.1250 EFTS

P: Subject to approval of the Head of Department.

R: SOWK617

Domestic Fee: \$969 (2021)

International Fee: \$4,125 (2021)

SOWK618-22S2 (C) Semester 2

SOWK640 Practice research for social work

30 Points 0.2500 EFTS

This course covers the fundamentals of social research, including: problem formulation; ethical considerations; sampling and measurement; varieties of research methods; data analysis and, dissemination and distribution of research knowledge related to social work.

P: Subject to approval of the HOD.

C: SOWK612, SOWK614, SOWK615, SOWK611

R: SOWK621/HSRV421; SOWK617

Domestic Fee: \$1,937 (2021)
International Fee: \$8,250 (2021)

SOWK640-22W (D) Whole Year (S1 and S2)

SOWK671 Fieldwork Practicum 1

45 Points 0.3750 EFTS

Field experience of 60 days in social service agencies under the guidance of accredited fieldwork teachers. Teaching and learning methods seek to facilitate an effective framework for initial practice, guided by the Social Workers Registration Board 10 core competencies. Students enrolled in SOWK 671 must provide attestations as to character and suitability for continuing practice and agree to practice and be bound by the Code of Ethics of the New Zealand Association of Social Workers and the New Zealand Social Workers Registration Board's registration: Fit and Proper Person Policy. Students enrolled in this course whose circumstances change in regard to character or suitability must inform the course co-ordinator immediately. Changes in circumstances, whether notified by the student or others, may result in the student being required to undergo a re-assessment arranged by the Head of Department. Registered social work field educators and individual students on placement are supported by a designated teaching liaison person.

P: Subject to approval of the Head of Department.

C: SOWK624

R: SOWK471, SOWK571

Domestic Fee: \$2,906 (2021)

International Fee: \$12,375 (2021)

SOWK671-22A (D) Starts Anytime

SOWK671-22S1 (D) Semester 1

Limited entry. See limitation of entry regulations.

SOWK672 Fieldwork Practicum II

45 Points 0.3750 EFTS

Field experience of 60 days in social service agencies under the guidance of accredited fieldwork teachers. Teaching and learning methods seek to facilitate an effective framework for initial practice, guided by the Social Workers Registration Board 10 core competencies. Students enrolled in SOWK672 must provide attestations as to character and suitability for continuing practice and agree to practice and be bound by the Code of Ethics of the New Zealand Association of Social Workers and the New Zealand Social Workers Registration Board's registration: Fit and Proper Person Policy. Students enrolled in this course whose circumstances change in regard to character or suitability must inform the course co-ordinator immediately. Changes in circumstances, whether notified by the student or others, may result in the student being required to undergo a re-assessment arranged by the Head of Department. Registered social work field educators and individual students on placement are supported by a designated teaching liaison person.

P: SOWK671. Subject to approval of the Head of Department.

C: SOWK624

R: SOWK472/572

Domestic Fee: \$2,906 (2021)

International Fee: \$12,375 (2021)

SOWK672-22A (D) Starts Anytime

SOWK672-22S2 (D) Semester 2

Limited entry. See limitation of entry regulations.

SOWK673 Practice Research Integration

30 Points 0.2500 EFTS

This course is specifically designed for students with a demonstrated ability to conduct advanced research and/or progress to thesis writing. The course requires students to demonstrate the application of their knowledge and understanding in relation to a specific social work issue and to take an active role in developing an investigation for the benefit of a wider audience. The course will require students to plan a small scale research project and complete a research report.

P: Subject to approval of the Head of Department.

C: SOWK671, SOWK672

R: SOWK490, SOWK624, SOWK670

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

SOWK673-22W (D) Whole Year (S1 and S2)

Limited entry. See limitation of entry regulations.

SOWK695 Social Work MSW Thesis

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$7,220 (2021)

International Fee: \$33,000 (2021)

SOWK695-22A (C) Starts Anytime

SOWK790 Social Work PhD

120 Points 1.0000 EFTS

P: Subject to approval of the Head of School.

Domestic Fee: \$7,220 (2021)

International Fee: \$33,000 (2021)

SOWK790-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.

Sociology

Te Kura Mātāpuna Tangata | School of Language, Social and Political Sciences

SOCI111 Exploring Society

15 Points 0.1250 EFTS

An introduction to the major themes in contemporary sociology in a way that is relevant to New Zealand culture and society.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

SOCI111-22S1 (C) Semester 1

SOCI112 Global Society

15 Points 0.1250 EFTS

Combining sociological theory and concepts with arguments and examples drawn from around the globe, this course conveys the scope and value of sociology for understanding the complex and fast-changing world in which we live.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

SOCI112-22S2 (C) Semester 2

SOCI201 Social Theory for Contemporary Life

15 Points 0.1250 EFTS

This course engages with a range of classical and contemporary social theories dealing with the complexity of the social and everyday life. Even though social theories aim to provide a general interpretation of the social forces that have shaped the modern, contemporary world; we use them every day in informal ways. This course focuses on how social theorists have set out to make sense of the world. Students will be introduced to a selection of theorists and perspectives in an approachable manner and use material that is relevant to our contemporary social world. This course is compulsory for the Sociology major.

P: Any 15 points at 100 level from ANTH or SOCI, or any 60 points at 100 level from the Schedule V of the BA.

R: SOCI301, SOCI393 (2013).

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

SOCI201-22S1 (C) Semester 1

SOCI202 Constructing Bodies

15 Points 0.1250 EFTS

This course focuses on the ways in which the body is shaped in culturally/historically specific contexts, which include the lived body as a site of knowledge and experience. It explores a range of body practices, representations and technologies such as non-mainstream body modification, sexuality education, trans medico-surgical practices and the sexualization of culture.

P: Any 15 points at 100 level from ANTH, CULT, or SOCI, or any 60 points at 100 level from the Schedule V of the BA.

R: GEND102, FMST102, GEND112, AMST113, CULT112, AMST142, GEND201, CULT207

EQ: GEND201, CULT207

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

SOCI202-22S2 (C) Semester 2

SOCI209 Te Tiriti: The Treaty of Waitangi

15 Points 0.1250 EFTS

This course uses the Treaty of Waitangi to frame examinations of contemporary New Zealand society. We ask questions designed to highlight and emphasise the relevance of the Treaty of Waitangi to everyday New Zealanders. In addition, the course looks at the importance of this document in the maintenance of Crown and Māori relations. Topics covered range from the signing of the Treaty, and historical developments, to the protest movements and activism of the continuing Māori renaissance period, race relations and one law-for-all.

P: Any 15 points at 100 level from ANTH, CULT, HIST, HSRV, MAOR, POLS, SOCI, or SOWK, or any 60 points at 100 level from the Schedule V of the BA.

R: HIST268, MAOR219, POLS218, POLS258, HSRV207, CULT219

EQ: HIST268, MAOR219, POLS258, HSRV207, CULT219

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

SOCI209-22S2 (C) Semester 2

SOCI212 Kinship and Family in Comparative Perspective

15 Points 0.1250 EFTS

This course focuses on the importance and nature of family and kinship in the construction and maintenance of social relations by individuals as well as groups, in a variety of ethnographic contexts.

P: Any 15 points at 100 level from ANTH or SOCI, or any 60 points at 100 level from the Schedule V of the BA.

R: ANTH312, ANTH212, GEND218, GEND318 and SOCI312

EQ: ANTH212, GEND218

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

SOCI212-22S1 (C) Semester 1

Sociology

SOCI218 Crime and Justice

15 Points 0.1250 EFTS

This course examines the development of criminological theory, before moving to consider crime in New Zealand itself. The final section of the course deals with corrections and the criminal justice system.

P: Any 15 points at 100 level from ANTH, CRJU, LAWS, or SOCI, or any 60 points at 100 level from the Schedule V of the BA.

R: SOCI318, CRJU201

EQ: CRJU201

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

SOCI218-22S1 (C) Semester 1

SOCI220 Environment and Society

15 Points 0.1250 EFTS

This course considers the relationship between ecology and environmental sociology, collective dilemmas, energy and society, the environment and politics and some other selected environmental issues.

P: Any 15 points at 100 level from ANTH or SOCI, or any 60 points at 100 level from the Schedule V of the BA.

R: SOCI230 (2005), SOCI320, SOCI330 (2005)

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

SOCI220-22S2 (C) Semester 2

SOCI223 Ethnicity, Racism and History

15 Points 0.1250 EFTS

This course provides a critical introduction to the historical and anthropological study of ethnicity, racism, genocide and migration.

P: Any 15 points at 100 level from ANTH, HIST, MAOR, or SOCI, or any 60 points at 100 level from the Schedule V of the BA.

R: ANTH223, HIST283, MAOR230, PACS204

EQ: ANTH223, HIST283, MAOR230, PACS204

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

SOCI223-22S2 (C) Semester 2

SOCI243 Sociology of Health and Medicine

15 Points 0.1250 EFTS

This course explores sociological ways of thinking about health and medicine. Focusing on health institutions, people's experiences within the health system, and different ways of constructing health and illness, we will look at inequalities and health, mental health, disabilities, chronic illness, and complementary medicine, amongst other topics. Students will engage in a policy project and will gain a broad understanding of the Aotearoa New Zealand health scene. Students will also have an opportunity to think about health and illness in relation to their own lives.

P: Any 15 points at 100 level from ANTH or SOCI, or any 60 points at 100 level from the Schedule V of the BA.

R: SOCI343

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

SOCI243-22S1 (C) Semester 1

SOCI244 On Death and Dying: Current Controversies in Thanatology

15 Points 0.1250 EFTS

'On Death and Dying' introduces students to this most pervasive yet under-examined aspect of social life. Students will be given the opportunity to explore death, dying and bereavement from a sociological point of view. We will explore the different and complex ways people attend to death through a guided programme that includes a study of the notion of sequestered death, the body in death, the social stratification of death, customary practices past and present including Aotearoa/New Zealand, death and medicine, good death/bad death, near death experiences, ghosts, euthanasia, suicide, the funeral profession, grief and mourning, memento mori, mass death, death and the media/popular culture.

P: Any 15 points at 100 level from ANTH or SOCI, or any 60 points at 100 level from the Schedule V of the BA.

R: SOCI344, POLS404

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

SOCI244-22S2 (C) Semester 2

SOCI255 Sociology of the City

15 Points 0.1250 EFTS

This course is concerned with the city as it is experienced today: as shifting mixes of public and private spaces in which disruptions provoke different points of view, multiple memories and complex associations.

P: Any 15 points at 100 level from ANTH, CULT, or SOCI, or any 60 points at 100 level from the Schedule V of the BA.

R: SOCI292, SOCI392, SOCI355, CULT210, CULT310

EQ: CULT210

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

SOCI255-22S1 (C) Semester 1

SOCI262 Food and Eating

15 Points 0.1250 EFTS

Not offered in 2022

This course explores the food chain, from production, through consumption, to exchange and considers the ways in which food is implicated in the reproduction of, and resistance to, inequalities of class, gender, ethnicity and nationalism.

P: Any 15 points at 100 level from ANTH or SOCI, or any 60 points at 100 level from the Schedule V of the BA.

R: ANTH208, ANTH308, SOCI362

EQ: ANTH208

SOCI263 Sociology of the Everyday World

15 Points 0.1250 EFTS

This course introduces students to a range of issues associated with the sociology of the everyday world. It examines how the elements of everyday life - shopping, credit cards, leisure, the meaning of home, food, relationships with companion animals, and other student selected topics reveal our entanglement with wider social processes. Everyday worlds will also be examined as a nexus for our engagement with contemporary issues ranging from environmental awareness to social justice.

P: Any 15 points at 100 level from ANTH or SOCI, or any 60 points at 100 level from the Schedule V of the BA.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

SOCI263-22S1 (C) Semester 1

SOCI278 Religion and Society: Why God Won't Die

15 Points 0.1250 EFTS

This course is an introduction to the sociology of religion focused on thinking and rethinking religion & society. Central to the discussion is why god and religion has not disappeared as was predicted in much modern social theory. In considering this question, the course provides a critical discussion of the ways religion, god and religious practices have been thought, dismissed and applied over the past 150 years within the Sociology of Religion.

P: Any 15 points at 100 level from ANTH or SOCI, or any 60 points at 100 level from the Schedule V of the BA.

R: ANTH298, SOCI292, SOCI392 in 2012

EQ: ANTH298

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

SOCI278-22S2 (C) Semester 2

SOCI291 Special Topic

15 Points 0.1250 EFTS

Not offered in 2022

P: Any 15 points at 100 level from ANTH or SOCI, or any 60 points at 100 level from the Schedule V of the BA.

R: SOCI392

SOCI293 The History of Gangs in New Zealand

15 Points 0.1250 EFTS

An introduction to the sociology of gangs, focusing on the historical development of gangs in New Zealand and the methods which have been taken to control them.

P: Any 15 points at 100 level in SOCI, ANTH, CRJU, or LAWS, or any 60 points at 100 level from the Schedule V of the BA.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

SOCI293-22S2 (C) Semester 2

PACE395 Internship

30 Points 0.2500 EFTS

What can you do with your major? With your degree? The purpose of the internship course is to explore both the ideological and practical assumptions guiding this question. The course is designed to be a critical, theoretical and "real-world" examination of the practices and ideologies inherent in both community and business organisations. You will apply the analytical skills acquired through your major, and through class seminars and readings, to a project designed by a local company or community group. Please check out the website for further information and specific project descriptions: www.arts.canterbury.ac.nz/internships

P: 150 points, special application and interview, and permission of the Internship Director.

R: ARTS395

EQ: ARTS395

Domestic Fee: \$1,570 (2021)

International Fee: \$7,000 (2021)

PACE395-21SU2 (C) Summer (Nov 21)

PACE395-22A (C) Starts Anytime

PACE395-22S1 (C) Semester 1

PACE395-22S2 (C) Semester 2

Limited entry. See limitation of entry regulations. A student will be selected for a specific project. Only students accepted for projects will be allowed into the course. Please go to <http://www.arts.canterbury.ac.nz/internships> for more information.

SOCI311 Mental Health and Society

30 Points 0.2500 EFTS

Not offered in 2022

This course will engage with debates and issues associated with mental health, mental illness and addictions. It will consider: differing approaches to 'madness'; critiques of the war on drugs; debates around psychotropic medications; Māori and indigenous perspectives on mental health; policy debates relating to mental health and addictions; global differences in the expression of mental distress; mental health consumers movements; and social and cultural determinants of mental health.

P: Any 30 points at 200 level from ANTH or SOCI, or any 60 points at 200 level from the Schedule V of the BA.

R: SOCI347; ANTH311

EQ: ANTH311

SOCI344 On Death and Dying: Current Controversies in thanatology

30 Points 0.2500 EFTS

'On Death and Dying' introduces students to this most pervasive yet under-examined aspect of social life. Students will be given the opportunity to explore death, dying and bereavement from a sociological point of view. We will explore the different and complex ways people attend to death through a guided programme that includes a study of the notion of sequestered death, the body in death, the social stratification of death, customary practices past and present including Aotearoa/New Zealand, death and medicine, good death/bad death, near death experiences, ghosts, euthanasia, suicide, the funereal profession, grief and mourning, memento mori, mass death, death and the media/popular culture.

P: Any 30 points at 200 level from ANTH or SOCI, or any 60 points at 200 level from the Schedule V of the BA.

R: SOCI244, POLS404

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

SOCI344-22S2 (C) Semester 2**SOCI355 Sociology of the City**

30 Points 0.2500 EFTS

This course is concerned with the city as it is experienced today: as shifting mixes of public and private spaces in which disruptions provoke different points of view, multiple memories and complex associations.

P: Any 30 points at 200 level from ANTH, CULT, or SOCI, or any 60 points at 200 level from the Schedule V of the BA.

R: SOCI292, SOCI392, SOCI255, CULT210, CULT310

EQ: CULT310

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

SOCI355-22S1 (C) Semester 1**SOCI358 Prisons and Corrections**

30 Points 0.2500 EFTS

This course looks at the evolution of corrections internationally and in New Zealand, and examines a number of contemporary correctional issues.

P: Any 30 points at 200 level from ANTH or SOCI, or any 60 points at 200 level from the Schedule V of the BA.

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

SOCI358-22S2 (C) Semester 2**SOCI361 Social Movements**

30 Points 0.2500 EFTS

Not offered in 2022

This course explores diverse social movements, asking how we can make sense of them. How do they bring about social change? The course looks at abortion movements, environmental movements, civil rights movements, and many other movements. Collective identity, internet activism, framing, and various theories of social movements are considered. Students will do a presentation on a social movement of their choice.

P: Any 30 points at 200 level from ANTH or SOCI, or any 60 points at 200 level from the Schedule V of the BA.

R: GEND227, GEND327, SOCI261

SOCI363 Investigating Social Worlds

30 Points 0.2500 EFTS

The course provides students with 'hands on' experiential learning in conducting, and participating in, life stories and focus group research. Students will gain skills in one-to-one interviewing, focus group interviews, research ethics, transcript analysis and reflexive research practice.

P: Any 30 points at 200 level from ANTH or SOCI, or any 60 points at 200 level from the Schedule V of the BA.

R: SOCI340, SOCI341

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

SOCI363-22S1 (C) Semester 1**SOCI368 The Politics of Need: Globalisation, Poverty and Welfare Provision**

30 Points 0.2500 EFTS

An advanced study of globalisation that examines how our new world of risk (including global financial risk) shapes our experiences of wealth, poverty and belonging. As well as using case studies from around the world, it covers groundbreaking theorisations of globalisation and an interrogation of New Zealand's place in a global world.

P: 30 points of SOCI including 15 points at 200 level; OR 30 points of SOCI or ANTH at 200 level; OR 60 points in related subjects including 30 points at 200 level with the approval of the Head of Department.

R: SOCI268, SOCI348 (prior to 2006), HSRV205

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

SOCI368-22S2 (C) Semester 2**SOCI378 Special Topic**

30 Points 0.2500 EFTS

Not offered in 2022

P: Any 30 points at 200 level from ANTH or SOCI, or any 60 points at 200 level from the Schedule V of the BA.

SOCI392 Special topic

30 Points 0.2500 EFTS

Not offered in 2022

P: Any 30 points at 200 level from ANTH or SOCI, or any 60 points at 200 level from the Schedule V of the BA.

R: SOCI291

Postgraduate

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

SOCI402 Methods and Strategies in Research

30 Points 0.2500 EFTS

Not offered in 2022

This course centres around the development of research skills by students and a critical understanding of research carried out by others.

P: Subject to approval of the Head of Department.

SOCI404 Sexualities, Gender and Relationalities

30 Points 0.2500 EFTS

This course explores the changing landscape of sexuality and gender categories and identities, as well as new forms and understandings of attraction and relationality. It considers how various identities, representations and practices disrupt and/or reproduce traditional gender, sexual and/or relationship normativities in various ways, for example, asexuality, the 'manosphere' and consensual non-monogamies.

P: Subject to approval of the Head of Department.

R: CULT415

EQ: CULT415

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

SOCI404-22S1 (C) Semester 1**SOCI410 Multispecies Studies**

30 Points 0.2500 EFTS

Not offered in 2022

This course introduces a new subfield of anthropology concerned with the interconnectedness of humans and other life forms. Recognizing that the human condition cannot be understood in isolation, it considers the meaningful agency of nonhuman others and their entanglement with human lives, landscapes and technologies. The course introduces students to cutting-edge studies of mammalian interspecies intimacies, to intersections with insects, fish, fungi, and microbes, to issues of extinction and invasion, and to the implications of other species for human bodies, economies, foods and technologies.

P: Subject to approval of the Head of Department.

R: ANTH410, CULT421

EQ: CULT421

SOCI413 Topics in Ethnicity, Migration and Nationalism

30 Points 0.2500 EFTS

Not offered in 2022

This course explores ethnicity, race, racism, indigeneity, migration, nationalism and related phenomena in a range of different times and places.

P: Subject to approval of the Head of Department.

R: HSRV413, MAOR422

EQ: HSRV413

SOCI415 Understanding Society in 21st century

30 Points 0.2500 EFTS

Not offered in 2022

Social Scientists study society. But what is a Society? This course takes a critical, historical and conceptual look at models of society to convey the range of techniques, styles, methodologies and consequences of approaching the question of 'what is society?'

P: Subject to approval of the Head of Department.

SOCI420 The Politics of Need

30 Points 0.2500 EFTS

The Politics of Need is a critical engagement with local and global society and the issues that have arisen and continue to arise. What does - and can - society mean? What are the debates, challenges and possibilities as we find ourselves in the second decade of the 21st century? Why does Need still occur? How can we think critically past the all-too-often simplistic pieties and blames of both the left and the right? How are governments, think tanks, NGOs, social movements, intellectuals and public debate responding? How might we critique, respond to and rethink structural inequality and the welfare state?

P: Subject to approval of the Head of Department.

R: SOCI368

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

SOCI420-22S2 (C) Semester 2

SOCI441 Independent Course of Study

30 Points 0.2500 EFTS

P: Subject to approval of the Head of Department

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

SOCI441-22S2 (C) Semester 2

SOCI470 Supervised Research

30 Points 0.2500 EFTS

This course is intended to allow students to explore a research topic of their choice under the supervision of an appropriate staff member.

P: Subject to approval of the Head of Department.

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

SOCI470-22S1 (C) Semester 1

SOCI470-22S2 (C) Semester 2

SOCI650 MA Dissertation

60 Points 0.5000 EFTS

MA Dissertation

P: Subject to approval of the Head of Department.

Domestic Fee: \$3,610 (2021)

International Fee: \$16,500 (2021)

SOCI650-22A (C) Starts Anytime

SOCI650-22S1 (C) Semester 1

SOCI650-22S2 (C) Semester 2

SOCI690 MA Thesis

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$7,220 (2021)

International Fee: \$33,000 (2021)

SOCI690-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval.

SOCI790 Sociology PhD

120 Points 1.0000 EFTS

P: Subject to approval of the Head of Department.

Domestic Fee: \$7,220 (2021)

International Fee: \$33,000 (2021)

SOCI790-22A (C) Starts Anytime

*Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Software Engineering

Department of Computer Science and Software Engineering

SENG199 Software Engineering Workshop Training Course

0 Points 0.0000 EFTS

Compulsory workshop training course for Software Engineering students.

P: Approval into the BE(Hons) Software Engineering.

Domestic Fee: \$0 (2021)

International Fee: \$0 (2021)

SENG199-22W (C) Whole Year (S1 and S2)

SENG201 Software Engineering I

15 Points 0.1250 EFTS

This course provides an introduction to the principles, processes, practices, techniques and tools of software engineering. The underlying theory and practical applications of a variety of topics in software engineering are covered with particular reference to object-oriented software development.

P: (1) COSC121 or COSC131; (2) COSC122; (3) 15 points from MATH, STAT or EMTH. MATH120/STAT101 are strongly recommended.

Domestic Fee: \$892 (2021)

International Fee: \$4,563 (2021)

SENG201-22S1 (C) Semester 1

SENG202 Software Engineering Project Workshop

15 Points 0.1250 EFTS

The Software Engineering Project Workshop gives students in-depth experience in developing software applications using modern techniques. Participants work either individually or in small groups to develop a medium-complexity application. At the end of this course they will have practised the fundamental skills required to develop software systems using modern tools, practices and development environments.

P: SENG201 AND Approval into the BE(Hons) Software Engineering programme.

Domestic Fee: \$892 (2021)

International Fee: \$4,563 (2021)

SENG202-22S2 (C) Semester 2

SENG301 Software Engineering II

15 Points 0.1250 EFTS

SENG301 builds on the material introduced in SENG201 (Introduction to Software Engineering) and is intended as a companion course to SENG302 (Software Engineering Group Project). The focus is on quality and how to model, measure and maintain it as project size and complexity scale up.

P: SENG201.

R: COSC314, COSC324

RP: COSC110 OR COSC101, ENCE260.

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

SENG301-22S1 (C) Semester 1

SENG302 Software Engineering Group Project

30 Points 0.2500 EFTS

The Software Engineering group project gives students in-depth experience in developing software applications in groups. Participants work in groups to develop a complex real application. At the end of this course you will have practiced the skills required to be a Software Engineer in the real world, including gaining the required skills to be able to develop complex applications, dealing with vague (and often conflicting) customer requirements, working under pressure and being a valuable member of a software development team.

P: SENG201 and COSC265

C: SENG301

Domestic Fee: \$2,005 (2021)

International Fee: \$11,250 (2021)

SENG302-22W (C) Whole Year (S1 and S2)

SENG365 Web Computing Architectures

15 Points 0.1250 EFTS

This course introduces the fundamental concepts and techniques for developing applications that are delivered via the world wide web. Students will gain practical experience in developing software using a variety of current web application platforms, and will gain an understanding of the technical details of the underlying frameworks used and their implications when producing complex web-based software systems.

P: COSC265 or two courses out of (INFO223, INFO253, INFO263).

R: COSC365

RP: SENG 201 is strongly recommended.

Domestic Fee: \$1,002 (2021)

International Fee: \$5,625 (2021)

SENG365-22S1 (C) Semester 1

SENG401 Software Engineering III

15 Points 0.1250 EFTS

This course will build on SENG201 and SENG301, deepening study of design and quality assurance in software projects.

P: SENG301 and SENG302

R: COSC427

Domestic Fee: \$1,051 (2021)

International Fee: \$5,000 (2021)

SENG401-22S1 (C) Semester 1**SENG402 Software Engineering Research Project**

30 Points 0.2500 EFTS

The Software Engineering Research Project gives students in-depth experience in researching complex, open-ended software engineering problems, and developing and evaluating potential solutions. Participants work individually or in teams to investigate and develop solutions for a complex real-world problem. There may be the opportunity to work on a project in conjunction with industry. At the end of this course you will have practiced the skills required to develop solutions for complex problems involving the development of substantial software solutions of significant complexity. You will also be comfortable with dealing with vague (and often conflicting) customer requirements, working under pressure and providing technical leadership.

P: SENG301, SENG302 AND Approval into the BE(Hons) Software Engineering programme.

Domestic Fee: \$2,101 (2021)

International Fee: \$10,000 (2021)

SENG402-22W (C) Whole Year (S1 and S2)**SENG403 Software Process and Product Quality**

15 Points 0.1250 EFTS

This course introduces software quality key concepts, practices, methodologies and techniques present through the software lifecycle.

P: SENG301 and approval by Head of Department

Domestic Fee: \$1,051 (2021)

International Fee: \$5,000 (2021)

SENG403-22S2 (C) Semester 2**SENG404 Software Requirements and Architecture**

15 Points 0.1250 EFTS

This course explores software requirements and software architecture in the software development and software product life cycle.

P: (1) SENG 301, or (2) Subject to approval by Head of Department

Domestic Fee: \$1,051 (2021)

International Fee: \$5,000 (2021)

SENG404-22S1 (C) Semester 1**SENG405 Model-Driven Software Engineering**

15 Points 0.1250 EFTS

Not offered in 2022

The purpose of this course is to introduce students to model-driven software engineering practices where models (e.g., software component or activity diagrams, state or flow charts,...) are not used as documentation and reasoning artefacts solely, but are first class products from which other modelling, simulation artefacts or executable source code can be produced. Students will first learn about appropriate methodologies and suitable tooling support for model-driven software engineering. Then, they will develop team work skills as software language engineers where they will create their own software language and implement a dedicated development environment. Last, they will conduct a scientifically-grounded empirical evaluation of a domain specific language framework developed by their peers. The course will use a mix of theoretical lectures (e.g., language engineering, model notations, knowledge management, ontologies) and practical labs (using e.g., Arduinos, testing frameworks) to put in practice both software language engineering and model-driven engineering techniques. The assignments will be executed in pairs and presented to the whole class. The final examination will be an open book exam.

P: COSC261 and SENG301

SENG406 Software Security

15 Points 0.1250 EFTS

Building secure software is an intricate task that involves careful design of both preemptive and corrective measures. This course will cover the secure development lifecycle where students will learn about techniques to model security threats, follow secure coding standards and perform security-focused testing to prevent software to expose vulnerabilities. Students will learn how to combine tools of various natures to identify threats as part of a continuous integration pipeline. The course also addresses data privacy and governance issues, including (indigenous) data sovereignty principles.

P: SENG201 and ENCE260, or approval by the Head of Department

R: COSC424

Domestic Fee: \$1,051 (2021)

International Fee: \$5,000 (2021)

SENG406-22S2 (C) Semester 2**SENG440 Special Topic: Topics in Mobile Computing**

15 Points 0.1250 EFTS

This course explores topics of mobile computing platforms. It will explore a range of issues, for example user experience (UX) and the importance of asynchronous and event driven software design, and the implications of resource constraints, e.g., battery and memory. The course will likely use the Google Android platform as the primary example to demonstrate the topics; and will complement this example with brief consideration of other platforms and app development frameworks (e.g., iOS development using Swift and cross-platform development using React Native).

P: SENG301

Domestic Fee: \$1,051 (2021)

International Fee: \$5,000 (2021)

SENG440-22S2 (C) Semester 2**SENG442 Special Topic**

15 Points 0.1250 EFTS

Not offered in 2022

Special Topic in Software Engineering

P: Subject to the approval of the Director of Studies

Postgraduate

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

SENG690 Software ME Thesis

120 Points 1.0000 EFTS

Software ME Thesis

P: Subject to approval of the Head of Department

Domestic Fee: \$7,900 (2021)

International Fee: \$40,000 (2021)

SENG690-22A (C) Starts Anytime**Soil Science***Te Kura Ngahere | School of Forestry***SOIL203 Soil Fertility**

15 Points 0.1250 EFTS

Basic soil properties; soil formation and soils in the New Zealand landscape; soil chemical and physical properties which are important to sustainable land use and environmental protection; assessment of soil nutrient availability, particularly with respect to forests.

P: 30 points from CHEM, GEOL, BIOL, FORE or by approval Chair Forestry Board of Studies

R: SOIL201

Domestic Fee: \$1,002 (2021)

International Fee: \$5,063 (2021)

SOIL203-22S2 (C) Semester 2*Limited entry. See limitation of entry regulations.***Spanish***Te Kura Mātāpuna Tangata | School of Language, Social and Political Sciences***SPAN101 Beginners' Spanish A**

15 Points 0.1250 EFTS

An introductory language course for students with no previous knowledge of Spanish.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

SPAN101-22S1 (C) Semester 1**SPAN102 Beginners' Spanish B**

15 Points 0.1250 EFTS

A language course following on from SPAN 101, for those with limited knowledge of Spanish.

P: SPAN101, NCEA Level 2, or placement test.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

SPAN102-22S2 (C) Semester 2

SPAN121 From Fiesta to Siesta: the Magical Culture of the Spanish-speaking World

15 Points 0.1250 EFTS

This course is an introduction to the fascinating world of the Hispanic cultures covering Spain, Mexico, Central America, most of South America and much of the Caribbean. Topics covered will revolve around a general approach to the main cultural features of the Spanish-speaking world. The magic and colours of its lands and people will guide students through a pathway of cultural varieties that even sharing the Spanish language they still preserve their indigenous languages and cultural legacy. Ko te toa I a tiki, I a mano o te takatao. [It is the bravery of a multitude, of thousands of people]. The passion and mixture of its music and dances, gastronomy and customs that have always walked hand in hand with the folklore and the festivals, will provide students with stories of unique roots, belief-systems, myths and traditions. A brief historical overview will finally allow students to understand the fine arts' conglomerate in the Hispanic world as for painting, architecture, literature as well as performing arts and film that draw on very diverse influences. No previous knowledge of the Spanish language is required as it is taught in English.

Domestic Fee: \$785 (2021)

International Fee: \$3,500 (2021)

SPAN121-21SU2 (C) Summer (Nov 21)

SPAN121-21SU2 (D) Summer (Nov 21)

SPAN201 Intermediate Spanish Language A

15 Points 0.1250 EFTS

Review of the basic features of Spanish that leads into an intensified examination of more complex structures for both conversational and written Spanish, including a wide range of verb structures.

P: SPAN102, NCEA Level 3, or placement test.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

SPAN201-22S1 (C) Semester 1

SPAN202 Intermediate Spanish Language B

15 Points 0.1250 EFTS

The course focuses on developing students' ability to read and write Spanish of a level commensurate with original texts drawn from contemporary cultural and scholarly debates.

P: SPAN201 or placement test. Note: This course assumes a relatively high level of proficiency in the Spanish language. Even well prepared high school students should therefore enrol for the prerequisite course SPAN201 before trying to enter SPAN202.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

SPAN202-22S2 (C) Semester 2

SPAN203 Spanish Conversation and Pronunciation

15 Points 0.1250 EFTS

Conducted strictly in Spanish, this course will offer students an opportunity to engage in conversation on a number of captivating topics given in a variety of formats with the goal of further developing oral proficiency, improving grammatical accuracy and improving pronunciation. Different types of discourse such as narration, debate, and dramatic dialogue will be emphasized. At the same time, students will also be exposed to other language skills such as listening, reading and writing.

P: SPAN201 or placement test.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

SPAN203-22S2 (C) Semester 2

SPAN205 Journey through Hispanic Civilisation and Culture

15 Points 0.1250 EFTS

This course employs a historical approach to study Hispanic civilisation and culture. The first part of the course will focus on Spanish history and culture and the second part will be devoted to the history and the culture of Latin America. This course does not require any previous knowledge of Spanish as it will be taught in English.

P: Any 15 points at 100 level from SPAN, or any 60 points at 100 level from the Schedule V of the BA.

R: SPAN305

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

SPAN205-22S1 (C) Semester 1

PACE395 Internship

30 Points 0.2500 EFTS

What can you do with your major? With your degree? The purpose of the internship course is to explore both the ideological and practical assumptions guiding this question. The course is designed to be a critical, theoretical and "real-world" examination of the practices and ideologies inherent in both community and business organisations. You will apply the analytical skills acquired through your major, and through class seminars and readings, to a project designed by a local company or community group. Please check out the website for further information and specific project descriptions: www.arts.canterbury.ac.nz/internships

P: 150 points, special application and interview, and permission of the Internship Director.

R: ARTS395

EQ: ARTS395

Domestic Fee: \$1,570 (2021)

International Fee: \$7,000 (2021)

PACE395-21SU2 (C) Summer (Nov 21)

PACE395-22A (C) Starts Anytime

PACE395-22S1 (C) Semester 1

PACE395-22S2 (C) Semester 2

Limited entry. See limitation of entry regulations. A student will be selected for a specific project.

Only students accepted for projects will be allowed into the course. Please go to <http://www.arts.canterbury.ac.nz/internships> for more information.

SPAN301 Advanced Spanish A

30 Points 0.2500 EFTS

The aim of this course is to give students advanced proficiency in Spanish across the four skills (speaking, listening, reading and writing). The course also introduces students to the history and culture of the different Hispanic countries. By the end of this course students will be able to recognise a variety of discourses and idiomatic expressions as well as communicate at an advanced level in Spanish.

P: SPAN202 or placement test.

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

SPAN301-22S1 (C) Semester 1

SPAN302 Advanced Spanish B

30 Points 0.2500 EFTS

This course is a continuation of SPAN301. Students' linguistic skills will be improved and reinforced through extended readings, written assignments and aural/oral activities in class. Grammar will be taught in a cultural content-based context. By the end of this course, students will have a broader knowledge of Hispanic cultures; students will be able to communicate more effectively (orally and in writing) with native and other competent speakers.

P: SPAN301 or placement test.

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

SPAN302-22S2 (C) Semester 2

SPAN305 Journey Through Hispanic Civilisation and Culture

30 Points 0.2500 EFTS

This course employs a historical approach to study Hispanic civilisation and culture. The first part of the course will focus on Spanish history and culture and the second part will be devoted to the history and the culture of Latin America. This course requires previous knowledge of Spanish as part of its content and some assessments will be entirely in Spanish.

P: Any 45 points at 200 level from any subject, including SPAN202 or placement test.

R: SPAN205

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

SPAN305-22S1 (C) Semester 1

Postgraduate

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

SPAN405 Translation Studies: Focus on Spanish

30 Points 0.2500 EFTS

This is a language specific translation course whose aim is to provide students with a solid understanding of the main issues involved in Translation Studies. This course will have both theoretical and practical components, with an emphasis on the connections between translation theory and practice. It will introduce students to the main grammatical and translation-related concepts and strategies necessary to achieve equivalence effects between source and target language. This will be achieved by concentrating on those areas in the relationship between English and Spanish which are characterized by non-equivalence.

P: Subject to approval of the Programme Director. Note: Advanced knowledge of Spanish language is required.

RP: BA and demonstrable knowledge of Spanish

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

SPAN405-22S2 (C) Semester 2

SPAN411 Research Essay

30 Points 0.2500 EFTS

In this course, students study a research topic of their choice under the supervision of an appropriate staff member, subject to approval by the programme coordinator. This course is compulsory for all Spanish honors students.

P: Subject to approval of the Programme Director.

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

SPAN411-22S1 (C) Semester 1

SPAN411-22S2 (C) Semester 2

SPAN412 Advanced Spanish Language

30 Points 0.2500 EFTS

This course is designed to place students' practical knowledge of Spanish within a broader, and scientific framework. Students will be introduced to a variety of linguistic and sociolinguistic topics including a general overview of the history and formation of the language, the sound system, morphology, syntax, varieties of Peninsular and Latin American Spanish, writing styles and register, and idiomatic expressions. The content of this course is designed to engage students to reflect on the use and formation of the Spanish language from a theoretical and a practical approach so that they can develop critical skills and do further research while they master their communicative and writing proficiency.

P: Subject to approval of the Programme Director. Note: Advanced knowledge of Spanish language is required.

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

SPAN412-22S2 (C) Semester 2**SPAN650 MA Dissertation**

60 Points 0.5000 EFTS

MA Dissertation

P: Subject to approval of the Head of Department.

Domestic Fee: \$3,610 (2021)

International Fee: \$16,500 (2021)

SPAN650-22A (C) Starts Anytime**SPAN650-22S1 (C) Semester 1****SPAN650-22S2 (C) Semester 2****SPAN690 MA Thesis**

120 Points 1.0000 EFTS

P: Subject to approval of the Programme Director.

Domestic Fee: \$7,220 (2021)

International Fee: \$33,000 (2021)

SPAN690-22A (C) Starts Anytime*Part-time enrolment (0.65 EFTS) is available on approval.***SPAN790 Spanish PhD**

120 Points 1.0000 EFTS

P: Subject to approval of the Head of School

Domestic Fee: \$7,220 (2021)

International Fee: \$33,000 (2021)

SPAN790-22A (C) Starts Anytime

*Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Speech and Language Pathology

*Te Kura Mahi ā-Hirikapo | School of Psychology, Speech and Hearing***SPSC114 The Science of Human Communication**

15 Points 0.1250 EFTS

SPSC114 examines how we communicate, how that is influenced by our culture, the neural and cognitive processes underpinning communication, and how communication is affected by external contexts such as noise and stress. It highlights theories and practical strategies to enhance the success of communication, in written and spoken format, as a university student and future professional. Drawing on case studies from the fields of medicine and aviation, we explore the effects of communication failure-and how those issues can be mitigated. We explore how communication differs across groups-such as children, older adults and those with communication difficulty. Students also gain exposure to the different academic disciplines that examine communication and the scientific methods they employ.

Domestic Fee: \$979 (2021)

International Fee: \$4,938 (2021)

SPSC114-21SU2 (D) Summer (Nov 21)**HEAR243 Introduction to Audiologic Assessment and Management**

15 Points 0.1250 EFTS

This course provides students with foundational knowledge in audiology and of the role of the audiologist in the diagnosis and management of hearing and balance disorders, as well as a thorough understanding of how to develop and implement aural rehabilitation plans for children and adults and their family members. Skills acquired include competence in hearing screening audiometry and the interpretation of basic audiometric data in paediatric and adult audiology.

R: HEAR663

Domestic Fee: \$995 (2021)

International Fee: \$5,063 (2021)

HEAR243-22S1 (C) Semester 1**CMDS368 Professional Studies 1**

15 Points 0.1250 EFTS

Not offered in 2022

In this course students engage in an interactive lecture series focussing on professional studies related to speech-language pathology. Students will develop an understanding of professional issues in speech-language pathology and apply knowledge of professional issues to client management.

P: CMDS281, CMDS282

R: CMDS664

Sport Coaching

*Te Kaupeka Oranga | Faculty of Health***SPCO101 Introduction to Sport Coaching**

15 Points 0.1250 EFTS

This course introduces students to the contemporary practice of coaching and recent developments in research and practice in the field. It encourages open attitudes to innovations in coaching and the need for informed reflective practice. Students are encouraged to reflect upon their existing beliefs about coaching and how they dispose them toward recent developments in the field and the growing influence of research on practice. Students will gain knowledge and understanding about relevant aspects of human development and pedagogy with a focus on how to coach for learning rather than what to coach. They will be exposed to the idea of a spectrum of coaching styles from direct instruction to problem solving approaches and how the particular sporting context and sport affects decisions about which approach to take. It involves reflecting upon first hand experience as learners and coaches informed by relevant literature.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

SPCO101-22S1 (D) Semester 1**SPCO101-22S1 (C) Semester 1****SPCO102 Theoretical Foundations of Coaching and Teaching**

15 Points 0.1250 EFTS

This course introduces students to the philosophical assumptions, learning theory and theories of communication that underpin coaching practice. Understanding the philosophical assumptions, theories of human learning and of communication that coaching sits upon provides important foundational knowledge that coaches can draw upon to make important decisions about coaching at any level. The course includes participating in practical sessions across a range of sports that students will reflect upon and draw upon relevant literature to develop into well informed, inquisitive and reflective coaches.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

SPCO102-22S2 (C) Semester 2**SPCO102-22S2 (D) Semester 2****SPCO103 Sport Psychology**

15 Points 0.1250 EFTS

This course introduces students to the relationship between sport and psychology. Basic sport psychology theories, methods, and findings are examined in terms of their implications for athletes, coaches, and the sporting environment, and fundamental principles for developing performance, participation, and enjoyment in sport are evaluated.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

SPCO103-22S1 (C) Semester 1**SPCO103-22S1 (D) Semester 1****SPCO104 Anatomy and Physiology**

15 Points 0.1250 EFTS

In this course, students will explore the human body's structure and functions, and how systems interact and adapt to exercise.

R: TEPE102

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

SPCO104-22S2 (C) Semester 2**SPCO104-22S2 (D) Semester 2**

Sport Coaching

SPCO105 Social History of Sport and Physical Education

15 Points 0.1250 EFTS

An introduction to the history and philosophy of physical education, physical activity and sport, critiquing the development of movement culture with particular reference to New Zealand sport development and physical education. In order to understand the nature and purpose of contemporary movement contexts, this course provides historical and philosophical frameworks.

R: TEPE204, TEPE105

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

SPCO105-22S2 (D) Semester 2

SPCO105-22S2 (C) Semester 2

SPCO107 Sport Nutrition

15 Points 0.1250 EFTS

This course provides an understanding of nutritional principles for healthy living and maintaining and improving sporting performance. The course will identify recommended nutritional practices for various populations including athletes, recreational exercisers, and groups with specific nutritional needs. The use of nutritional supplements in sporting performance will also be examined.

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

SPCO107-22S1 (D) Semester 1

SPCO107-22S1 (C) Semester 1

SPCO107-22S2 (C) Semester 2

SPCO110 Practicum 1

15 Points 0.1250 EFTS

This course provides the application of sport coaching theory to practice. Students will apply and evaluate aspects of coaching pedagogy and exercise science during coaching sessions with a primary school team, through a season of practices and interschool games.

P: 1) Enrolment in BSpC degree, or 2) Approval of Programme Coordinator based on police vetting
C: SPCO101

R: EDSP130

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

SPCO110-22S1 (D) Semester 1

SPCO110-22S1 (C) Semester 1

SPCO126 Land Journeys and Ethics

15 Points 0.1250 EFTS

Informed by experiential education approaches, students will complete a weekend backpacking trip with instructors as part of the overall course and use reflections from these experiences, in conjunction with coursework on human-nature relationships, to critically analyse and develop a personal land ethic. The field trip explores the concept of wilderness in land ethics through a direct experience of actual wilderness. The course has a focus on bi-culturally competent and globally connected understandings of the relationships between humans and nature.

R: TEPE112

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

SPCO126-22S1 (C) Semester 1

SPCO201 Learner-Centred Teaching and Coaching

15 Points 0.1250 EFTS

This course engages students with exciting and innovative coaching and teaching approaches that are learner-centred, inquiry-based and growing in popularity across the globe. Through a blend of theory and practical application students will gain a working knowledge of the philosophical and pedagogical developments underpinning this approach. This is enhanced through student engagement with cutting-edge research as they critically reflect upon their own teaching and coaching experiences as active learners.

P: Any 60 points at 100 level from any subject.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

SPCO201-22S2 (C) Semester 2

SPCO201-22S2 (D) Semester 2

SPCO204 Biomechanics

15 Points 0.1250 EFTS

Gain knowledge of the mechanical principles governing movement, with application to a range of sporting and other movement contexts. The course will explore biomechanical concepts through both tutorial-based and practical activities, equipping students to analyse and assess movement from both qualitative and quantitative viewpoints.

P: Any 60 points at 100 level from any subject.

R: TEPE202

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

SPCO204-22S1 (C) Semester 1

SPCO204-22S1 (D) Semester 1

SPCO207 Ethics in Sport

15 Points 0.1250 EFTS

In achieving a dominant position, sport has become institutionalised and its meaning, significance and moral and ethical influence has a profound and powerful effect on society. This course introduces students to philosophical, moral and ethical foundations of sport. It examines a range of philosophical views of sport and considers its powerful influence on the attitudes and values of the individual and contemporary society. Sporting scenarios are examined and ethical decision making applied to critique the role, functions, meaning, and moral bases of sport.

P: Any 60 points at 100 level from any subject.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

SPCO207-22S2 (C) Semester 2

SPCO207-22S2 (D) Semester 2

SPCO208 Sport and Culture in New Zealand

15 Points 0.1250 EFTS

Sport does more than merely reflect mainstream society and culture. It plays a significant and dynamic role in the production and reproduction of culture. Approached from a critical perspective this course examines sport in New Zealand with a focus on its unique bi-cultural nature and the social and cultural issues related to its practice and its significance in New Zealand. The progression towards successful integration of some aspects of Māori and NZ European cultures is a feature of New Zealand sport on the world stage but the interaction of culture and sport is complex and tied into larger social issues that are often overlooked. This course examines a range of cultural and social issues in New Zealand sport with a focus on its bicultural nature and how this should inform coaching practice. With teaching and assessment built around field trips it adopts innovative experiential pedagogy with learning bases upon real world experience.

P: Any 60 points at 100 level from any subject.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

SPCO208-22S2 (D) Semester 2

SPCO208-22S2 (C) Semester 2

SPCO209 Exercise Physiology

15 Points 0.1250 EFTS

This course is designed to develop each student's knowledge and skills in relation to the theory and practice of exercise physiology. The lecture sessions will cover, in detail, the energy systems as they underpin health and performance. The laboratory sessions will provide students with the knowledge, time and opportunity to develop hands-on practical skills for fitness assessments both in the field and laboratory – essential for every exercise physiologist. In addition students will gain experience and skills in reading and critiquing research papers, analysing data using statistics as well as writing research papers.

P: SPCO104

R: SPCO206, TEPE203, TEPE103

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

SPCO209-22S1 (C) Semester 1

SPCO209-22S1 (D) Semester 1

SPCO210 Practicum 2

15 Points 0.1250 EFTS

This course provides further application of sport coaching theory to practice. Students will plan, implement and evaluate aspects of coaching pedagogy, sociology and sport science while coaching their selected sport. This occurs during coaching sessions with an Under 15 team, throughout a season of practices and interschool or club games/events.

P: SPCO110 and approval based on police vetting.

R: EDSP230

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

SPCO210-22W (C) Whole Year (S1 and S2)

SPCO210-22W (D) Whole Year (S1 and S2)

SPCO210-22A (C) Starts Anytime

SPCO210-22A (D) Starts Anytime

SPCO221 Injury and Rehabilitation

15 Points 0.1250 EFTS

This course will provide students with an understanding of prevention, treatment, management and rehabilitation of acute and chronic sports injuries, essential for sports coaches. The injury risk to special population groups such as children, adolescents, and female athletes will be highlighted.

P: Any 60 points at 100 level from any subject, or any 15 points at 100 level from SPCO.

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

SPCO221-22S2 (C) Semester 2

SPCO221-22S2 (D) Semester 2

SPCO222 Analysis of Expeditioning

15 Points 0.1250 EFTS

Not offered in 2022

This course will extend each student's knowledge and understanding of coaching water based activities through involvement with canoesport - specifically canoeing as a vehicle for journeying and expeditioning. Through the course students will develop practical canoe and expeditioning skills which will form the basis for a safe descent of a South Island river during a 3 - 5 day expedition. Students will collect data for a socio-cultural, environmental, bi-cultural, historical or physiological study whilst taking part in the canoe expedition.

P: Any 60 points at 100 level from any subject, or any 15 points at 100 level from SPCO.

SPCO223 Applied Sport Psychology

15 Points 0.1250 EFTS

This course will examine the theory, philosophy and practice of psychological skills training in sport. Students will critically reflect on the application of sport psychology theories to psychological skills training programmes, examine the social psychology influences of sport and exercise participation and apply this knowledge to sport coaches and the sporting environment.

P: Any 60 points at 100 level from any subject, or any 15 points at 100 level from SPCO

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

SPCO223-22S1 (C) Semester 1

SPCO223-22S1 (D) Semester 1

SPCO224 Sport Management

15 Points 0.1250 EFTS

Sport Management in New Zealand is experiencing a noted increase in professional organisational management approaches as well as maintaining a strong volunteer base at grass-roots level. Effective sport managers need to have a varying set of skills and be aware of best practices for the effective management of people, club and sporting events. Volunteer management, funding sources/models, development models, marketing, technology and other future issues will be discussed for the wide variety of sport organisations in New Zealand, from clubs to fitness centres to national/regional sports organisations.

P: Any 60 points at 100 level from any subject, or any 15 points at 100 level from SPCO.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

SPCO224-22S1 (C) Semester 1

SPCO224-22S1 (D) Semester 1

SPCO226 Rock Climbing Contexts and Techniques

15 Points 0.1250 EFTS

This course develops students' skills and knowledge relevant to contemporary rock climbing physiology and educational approaches. Content focuses on knowledge necessary to develop, implement and evaluate a training programme to enhance rock climbing performance. Teaching will also focus on current approaches to teaching and analysing rock climbing movement skills both indoors and on natural rock outdoors. The course uses a type of rock climbing called bouldering (completing difficult moves close to the ground without the ropes) with only a small amount of rope work in preparation for SPCO326 Rock Climbing Leadership. There are two field trips to Kura Tawhiti/ Castle Hill where students learn about the importance of place to climbers and significance to tangata whenua.

P: Any 60 points at 100 level from any subject, or any 15 points at 100 level from SPCO.

R: TEPE110

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

SPCO226-22S1 (C) Semester 1

Limited entry. See limitation of entry regulations.

SPCO227 Paddle Sport Contexts and Techniques

15 Points 0.1250 EFTS

Not offered in 2022

This course develops students' skills and knowledge relevant to contemporary paddlesports research and educational approaches. Content focuses on knowledge necessary to use digital technology to analyse and evaluate a paddlesports skill to enhance performance. Drawing on practical experiences in pool sessions and also on natural bodies of water, this course develops an understanding of Tikanga Māori and paddlesports.

P: Any 60 points at 100 level from any subject, or any 15 points at 100 level from SPCO.

R: TEPE111

Limited entry. See limitation of entry regulations.

SPCO231 Introduction to Performance Analysis

15 Points 0.1250 EFTS

This course provides students with an understanding and appreciation of the development and position of performance analysis in sport. Practical skills using modern performance analysis techniques will be developed. Students will be required to track and analyse the performance of an athlete within a team sport through the duration of the course.

P: Any 60 points at 100 level from any subject, or any 15 points at 100 level from SPCO.

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

SPCO231-22S2 (C) Semester 2

SPCO231-22S2 (D) Semester 2

SPCO232 Motor Learning and Performance

15 Points 0.1250 EFTS

Not offered in 2022

This course provides students with an understanding of the process of skill acquisition and development of retained memories and motor programmes. Students will learn how to provide appropriate feedback to different learners. Students will critically analyse training methods, and will appreciate individual differences, as well as the development of motor skills.

P: Any 60 points at 100 level from any subject, or any 15 points at 100 level from SPCO.

SPCO241 Introduction to Strength and Conditioning

15 Points 0.1250 EFTS

This course provides students with an understanding and appreciation of the position of strength and conditioning coaches in both occupational and sporting environments. Practical skills using modern strength and conditioning techniques and technologies will be developed. Students will be required to coach and analyse the performance of two participants from an occupational / sport perspective through the duration of the course.

P: Any 60 points at 100 level from any subject, or any 15 points at 100 level in SPCO.

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

SPCO241-22S1 (C) Summer (Jan 22)

SPCO241-22S1 (C) Semester 1

SPCO241-22S1 (D) Semester 1

SPCO242 Nutrition and Exercise Prescription

15 Points 0.1250 EFTS

This course provides students with a multidisciplinary perspective and appreciation of contemporary issues in weight management. Applied weight management strategies and techniques fundamental to strength and conditioning will be developed. The coursework is designed to assist students in gaining proficiency supporting and working with weight management clientele.

P: Any 60 points at 100 level from any subject, or any 15 points at 100 level from SPCO.

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

SPCO242-22S2 (C) Semester 2

SPCO242-22S2 (D) Semester 2

SPCO301 Sport Coaching and Leadership

15 Points 0.1250 EFTS

This course critically examines and applies sport coaching pedagogy in a range of sporting contexts. Importantly, this course looks at the interrelatedness of leadership, power and culture and the effects these factors may have on a positive team and organisational environment. Students will critically examine the possible directions of sport coaching and explore possible ways of managing such changes. Students will explore the course content through micro-coaching sessions within a variety of sport coaching contexts.

P: SPCO201

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

SPCO301-22S2 (C) Semester 2

SPCO301-22S2 (D) Semester 2

SPCO302 Athlete-Centred Coaching for Individual Sports

15 Points 0.1250 EFTS

Research led but grounded in practice, this course engages students with some of the most recent and cutting edge developments in sport coaching that have sought to apply the wide range of benefits evident in athlete-centred approaches to coaching team sports to individual sports and coaching other physical activities. It engages students with approaches to applying the holistic and humanistic pedagogical principles of athlete centred coaching in team games such as Game Sense to individual, technique-intensive sports such as swimming and athletics. Specifically, it draws on the concept of Positive Pedagogy informed by the pedagogical features of Game Sense adapted to individual sports, Positive Psychology and the work on positive approaches to promoting health and well-being. It engages students with the most recent developments in this field while providing experience through practical sessions as learners and coaches with assessment structured around reflections on this experience informed by the literature.

P: Any 60 points at 100 level from any subject, or any 15 points at 100 level from SPCO.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

SPCO302-22S1 (C) Semester 1

SPCO302-22S1 (D) Semester 1

SPCO304 Applied Biomechanics

15 Points 0.1250 EFTS

This course explores practical applications of biomechanics to equip students to support athletes to enhance sporting performance and minimise injury occurrence. Students will gain an understanding of the use of analytical methods and tools to make quantitative measurements and apply the principles of biomechanics to measuring and supporting performance.

P: SPCO204, or 30 points at 100-level MATH or PHYS and approval from Programme Coordinator.

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

SPCO304-22S2 (C) Semester 2

SPCO304-22S2 (D) Semester 2

Sport Coaching

SPCO305 Sociology of Sport

15 Points 0.1250 EFTS

This course will provide students with the opportunity to examine the socio-cultural context of sport through a range of sociological perspectives relevant to sport coaching, physical education teaching and sport leadership and management. It identifies concerns with the ongoing development of sport as a social institution framed by tensions between the notion of sport as education and sport as business. Issues examined include the impact of globalisation, the commodification of sport, the influence of sport on young people, media-sport, and sport and gender.

P: SPCO208

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

SPCO305-22S1 (C) Semester 1

SPCO305-22S1 (D) Semester 1

SPCO308 Inclusive Practice in Teaching and Coaching

15 Points 0.1250 EFTS

This course examines sociological and pedagogical theories and practices related to sport for athletes with disabilities. Historical and contemporary perspectives will be critiqued and students will gain an understanding of the implications of these perspectives for sporting environments. The course will provide students with the opportunity to apply inclusive coaching practices in a variety of settings.

P: Any 30 points at 200 level from SPCO.

R: EDSP285

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

SPCO308-22S1 (C) Semester 1

SPCO308-22S1 (D) Semester 1

SPCO309 Applied Exercise Physiology

15 Points 0.1250 EFTS

This course provides students with a comprehensive examination of the interaction between the body's energy systems and its response to training. Students learn to critically analyse current trends in nutritional support and training strategies. Students are required to assess, train and analyse the performance of a small group of athletes through the duration of the course.

P: 1) SPCO209 or 2) SPCO206

R: SPCO306

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

SPCO309-22S1 (C) Semester 1

SPCO309-22S1 (D) Semester 1

SPCO310 Practicum 3

15 Points 0.1250 EFTS

This course provides a final application of sport coaching theory to practice. Students will plan, implement and critically evaluate aspects of coaching pedagogy, sociology and sport science while coaching their selected sport. This will occur during coaching sessions with a team or individuals at any sporting level, throughout a season of practices and games or events.

P: SPCO210 or SPCO241

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

SPCO310-22W (C) Whole Year (S1 and S2)

SPCO310-22W (D) Whole Year (S1 and S2)

SPCO310-22A (C) Starts Anytime

SPCO310-22A (D) Starts Anytime

SPCO320 Internship

15 Points 0.1250 EFTS

This course brings together knowledge gained throughout the Sport Coaching programme, providing students with experience in a professional sport-related workplace of their choice, with a view to future employment or further study. The internship provides students with an opportunity to gain an understanding of management structures and practices with a professional sporting organisation, while specialising in the area of their chosen endorsement. Students will work towards a substantial project in an authentic setting. Students will develop critical reflection skills and technical and interpersonal skills required to work successfully in a professional workplace.

P: Successful completion of required 100 level and 200 level courses from the Sport Coaching schedule

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

SPCO320-22A (C) Starts Anytime

SPCO320-22A (D) Starts Anytime

SPCO320-22W (C) Whole Year (S1 and S2)

SPCO320-22W (D) Whole Year (S1 and S2)

SPCO326 Rock Climbing Leadership

15 Points 0.1250 EFTS

Not offered in 2022

This course will extend each student's knowledge and understanding of the educational possibilities of top-roped rock climbing in New Zealand. Through the course students will critically analyse the literature relevant to top-roped rock climbing and use this analysis to plan, implement and evaluate a rock climbing experience which incorporates contemporary approaches to outdoor education and is supported by the New Zealand Curriculum. The technical and legal aspects of safety and risk are explored and students develop skills in establishing educational and safe rock climbing experiences. Through field trips to climbing areas in the Port Hills/ Nga Kohatu Whakarekareka o Tamatea Pokai Whenua, students learn about the importance of place to climbers and the significance to Tangata Whenua.

P: Any 60 points at 200 level from any subject.

R: TEPE210

Limited entry. See limitation of entry regulations.

SPCO331 Performance Analysis 2: Tools and Techniques

15 Points 0.1250 EFTS

This course equips students to analyse skilled performance in both a team and individual setting using a range of software, equipment and methodologies. Successful students will be able to analyse technique, tactical, movements and decision making abilities. The importance of designing effective key performance indicators and producing opposition analysis and scouting reports will be introduced and discussed. Modern techniques will be taught including the SportsCode Pro video analysis software. Students will get an opportunity to test and become more proficient in effective communication methods.

P: SPCO231

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

SPCO331-22S1 (C) Semester 1

SPCO331-22S1 (D) Semester 1

SPCO332 Applied Performance Analysis

15 Points 0.1250 EFTS

This course further develops the practical and theoretical skills of performance analysis learned in previous related courses. Students will learn about psychological and physiological aspects of performance analysis. Modelling of performance and performance forecasting techniques will be introduced and critically analysed. Interpreting big data will be discussed as well as profiling individuals and teams over the duration of a season and beyond. Best practices from New Zealand and international teams will be critically discussed along with the latest research.

P: SPCO231

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

SPCO332-22S2 (C) Semester 2

SPCO332-22S2 (D) Semester 2

SPCO334 The Body, Movement, and Well-being

15 Points 0.1250 EFTS

Not offered in 2022

Through movement, social theories will be used to critically analyse dominant discourses of the body, movement, and well-being. It will deconstruct hidden messages that influence the way we think and behave towards the body, movement and well-being. The content will include gender and other forms of stereotyping, scientisation of the body and movement, marginalisation of indigenous knowledge's, hegemonic power relations, moral reasoning, ethical decision making and the analysis of technologies of power. Through the critical analysis process, students will become more culturally and globally aware, and responsible for fostering personal and collective well-being.

P: SPCO208

Limited entry. See limitation of entry regulations.

SPCO335 Learning through Sport and Exercise Science

15 Points 0.1250 EFTS

This course develops students' capability to learn in, through and about the sport & exercise sciences and translate this knowledge into quality learning experiences. Students will consider theories of learning and consider their relevance in creating quality learning experiences within Health & Physical Education in the New Zealand Curriculum. There is a strong focus on critical analysis and application of knowledge.

P: SPCO209

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

SPCO335-22S1 (C) Semester 1

SPCO335-22S1 (D) Semester 1

Limited entry. See limitation of entry regulations.

SPCO336 Physical Education Curriculum in Action

15 Points 0.1250 EFTS

This course will draw on the historical curriculum development literature in physical education and critically evaluate how this has shaped current understandings of curriculum knowledge, learning and teaching. Students will also consider the embodiment of movement, ethics and the role technology might play in creating personal meaning and understanding in future iterations of physical education. Through a blend of theory and practical sessions, students will conceptualise, implement and critically reflect on effective teaching and learning approaches in physical education contexts in Aotearoa New Zealand.

P: SPCO208

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

SPCO336-22S2 (C) Semester 2**SPCO336-22S2 (D) Semester 2**

Limited entry. See limitation of entry regulations.

SPCO341 Strength and Conditioning for Sports Performance

15 Points 0.1250 EFTS

This course provides students with an introduction to the software and technologies used by high performance sports teams. Students will gain experience implementing innovative training methodologies, and learn to organise and concisely report large sets of training and testing data. Furthermore they will develop practical skills working in a team environment and will learn to prioritise training objectives within a short-term training plan.

P: SPCO241

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

SPCO341-22S2 (C) Semester 2**SPCO341-22S2 (D) Semester 2****SPCO343 Performance Nutrition and Recovery Monitoring**

15 Points 0.1250 EFTS

This course challenges students to critically assess various contemporary nutritional and recovery techniques and delve into the research to determine their effectiveness. Students will look at the multidisciplinary relationship between the sports nutritionist and the strength and conditioning coach. Additionally, students will gain an appreciation of when it is appropriate to recommend a particular supplement / recovery intervention.

P: SPCO242

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

SPCO343-22S1 (C) Semester 1**SPCO343-22S1 (D) Semester 1**

Sport Science

Te Kaupeka Oranga | Faculty of Health

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

SSCI403 The Competitive Edge: Innovation in Sport Science

30 Points 0.2500 EFTS

The course will examine how to gain a competitive edge through the application of sport science. It will consider aspects in relation to a range of disciplines including, but not limited to, biomechanics, exercise physiology, strength and conditioning, sport psychology, sport nutrition, performance analysis and motor learning. The course will be set in the context of sports science in a contemporary bicultural Aotearoa New Zealand.

P: Subject to approval of the Head of School

Domestic Fee: \$2,168 (2021)

International Fee: \$10,000 (2021)

SSCI403-22S1 (C) Semester 1**SSCI404 Advanced Internship for Sport Science**

30 Points 0.2500 EFTS

This course places students in an advanced internship in a professional sporting workplace, with a view to enhancing employability through working in an authentic workplace setting. Students will work within an existing sporting workplace to gain experience in providing sport science support and development in a professional environment.

P: Subject to approval of the Head of School

Domestic Fee: \$2,168 (2021)

International Fee: \$10,000 (2021)

SSCI404-22A (C) Starts Anytime**SSCI405 Special Topic: Psychology of Sport and Exercise**

30 Points 0.2500 EFTS

This course addresses contemporary understanding of the intersection between psychology, sport, exercise and science. Psychological aspects of sport performance and exercise behaviour will be examined, and the relationship between sport/exercise and human wellbeing evaluated. Key theoretical, methodological, and applied issues relevant to understanding and enhancing performance, participation, and wellbeing in sport and exercise settings will be critically evaluated.

P: Subject to approval of the Head of School

Domestic Fee: \$2,168 (2021)

International Fee: \$10,000 (2021)

SSCI405-22S2 (C) Semester 2**SSCI407 Enhancing Physical Performance**

30 Points 0.2500 EFTS

The course explores recent and more complex aspects of strength and conditioning and nutrition. The focus of this course will be upon both sport performance and health improvement. The course will be practical and theoretical and require students to critique new methods and recent research directions in the field.

P: Subject to approval of the Head of School

Domestic Fee: \$2,168 (2021)

International Fee: \$10,000 (2021)

SSCI407-22S2 (C) Semester 2**SSCI408 Sport Science Independent Study**

30 Points 0.2500 EFTS

Not offered in 2022

This course allows for supervised research in an area of personal interest. It is of particular value for sports scientists who wish to make an in-depth examination of a specific issue and develop research expertise.

P: Subject to approval of the Head of School

SSCI409 Extreme Sport Science

30 Points 0.2500 EFTS

This course examines how to analyse and apply practical multi-disciplinary sport science knowledge to enhance performance with a few extreme, i.e. non-traditional sports. The course is both practical and theoretical and requires students to use a step-by-step methodical approach to research, collect, analyse, report and ultimately present findings. Students experience first-hand how a sport scientist interacts professionally with athletes and coaches throughout this process.

P: Subject to approval of the Head of School

Domestic Fee: \$2,168 (2021)

International Fee: \$10,000 (2021)

SSCI409-22S1 (C) Semester 1**SSCI680 Sport Science Research Project**

30 Points 0.2500 EFTS

The course requires students to demonstrate the application of their knowledge and understanding in relation to a specific sport science issue or opportunity, and to take an active role in developing an investigation for the benefit of a wider audience. The course will require students to plan a small-scale project and present the findings in the form of a written report.

P: EDME601; or HLTH464; or 30 points of approved research methods; or approval from the Head of School.

Domestic Fee: \$2,168 (2021)

International Fee: \$10,000 (2021)

SSCI680-22A (C) Starts Anytime**SSCI681 Sport Science Research Dissertation**

60 Points 0.5000 EFTS

The course requires students to demonstrate the application of their knowledge and understanding in relation to a specific sport science issue or opportunity, and to take an active role in developing an investigation for the benefit of a wider audience. The course will require students to plan a small-scale dissertation and present the findings in the form of a written dissertation.

P: EDME601; or HLTH464; or 30 points of approved research methods; or approval from the Head of School

Domestic Fee: \$4,335 (2021)

International Fee: \$20,000 (2021)

SSCI681-22A (C) Starts Anytime

Statistics

Te Kura Hanga Otinga | School of Product Design

STAT101 Statistics 1

15 Points 0.1250 EFTS
An introduction to the ideas, techniques and applications of statistics and probability.

R: STAT111, STAT112, DIGI103
EQ: STAT111, STAT112, DIGI103
Domestic Fee: \$788 (2021)
International Fee: \$4,438 (2021)

STAT101-21SU2 (C) Summer (Nov 21)

STAT101-22S1 (C) Semester 1

STAT101-22S1 (D) Semester 1

STAT101-22S2 (C) Semester 2

STAT101-22S2 (D) Semester 2

STAT201 Applied Statistics

15 Points 0.1250 EFTS
A practical introduction to commonly used statistical methods, designed to increase the breadth of statistics skills. The emphasis is on the application of statistical techniques to solve problems involving real data.

P: STAT101 or DATA101 or 15 points from 100-level MATH or EMTH (excluding MATH110)
R: FORE210, STAT220, FORE224, STAT222
Domestic Fee: \$802 (2021)
International Fee: \$4,563 (2021)

STAT201-22S1 (C) Semester 1

STAT202 Regression Modelling

15 Points 0.1250 EFTS
Regression models are the most widely used statistical tools for examining the relationships among variables. This course will provide a practical introduction to the fundamentals of regression modelling.

P: STAT101 or DATA101 or 15 points from 100-level MATH or EMTH (excluding MATH110)
R: FORE210, STAT220, FORE224, STAT224
Domestic Fee: \$802 (2021)
International Fee: \$4,563 (2021)

STAT202-22S2 (C) Semester 2

STAT211 Random Processes

15 Points 0.1250 EFTS
This course introduces some of the most useful probability concepts and models that are widely used in biology, medicine, economics, finance, engineering, physics and many other areas. The models that will be covered are Markov chains and Poisson processes.

P: Either a) MATH199; or b) 15 points from MATH102 or EMTH118, and another 15 points from 100 level STAT, DATA, MATH, or EMTH (excluding MATH101 and MATH110)

R: STAT216
Domestic Fee: \$802 (2021)
International Fee: \$4,563 (2021)

STAT211-22S1 (C) Semester 1

STAT213 Statistical Inference

15 Points 0.1250 EFTS
This course provides the theoretical foundations for statistical estimation and testing at an introductory level. These are essential for more advanced studies in statistics at higher levels because they facilitate a deeper understanding of statistical techniques and their applications.

P: Either a) MATH199; or b) 15 points from MATH102 or EMTH118, and another 15 points from 100 level STAT, DATA, MATH, or EMTH (excluding MATH101 and MATH110)

R: STAT214
Domestic Fee: \$802 (2021)
International Fee: \$4,563 (2021)

STAT213-22S2 (C) Semester 2

STAT221 Introduction to Statistical Computing Using R

15 Points 0.1250 EFTS
Statistical computing skills are essential within the modern workplace of statisticians and other quantitative/analytical positions. This course will develop and build your skills in computer programming for statistics, using the free statistical computing package R which is one of the most widely used tools for data analysis. The course provides excellent preparation for the many UC statistics courses that use R and, more generally, courses that require quantitative computing skills. The newly developed computing skills will also be used to unleash the power of modern computational statistical techniques for analysing complex real world data.

P: Either a) MATH199; or b) 15 points from MATH102 or EMTH118, and another 15 points from 100 level STAT, DATA, MATH, or EMTH (excluding MATH101 and MATH110)

R: STAT218
Domestic Fee: \$802 (2021)
International Fee: \$4,563 (2021)

STAT221-22S2 (C) Semester 2

STAT312 Data Collection and Sampling Methods

15 Points 0.1250 EFTS
Data collection and sampling methods. Designs for surveys of populations.

P: 30 points from 200 level STAT
Domestic Fee: \$802 (2021)
International Fee: \$4,563 (2021)

STAT312-22S1 (C) Semester 1

STAT313 Computational Statistics

15 Points 0.1250 EFTS
This course is an introduction to nonparametric statistical methods based on empirical distribution functions, kernel smoothing, bootstrap, and resampling. We will study these methods by looking at their theoretical properties and their performance in practical data analysis

P: 15 points from 200 level MATH or EMTH, STAT210-299 or DATA203
Domestic Fee: \$802 (2021)
International Fee: \$4,563 (2021)

STAT313-22S1 (C) Semester 1

STAT314 Bayesian Inference

15 Points 0.1250 EFTS
This course explores the Bayesian approach to statistics by considering the theory, methods for computing Bayesian solutions, and examples of applications.

P: 15 points from 200 level MATH or EMTH, STAT210-299 or DATA203
Domestic Fee: \$802 (2021)
International Fee: \$4,563 (2021)

STAT314-22S2 (C) Semester 2

STAT315 Multivariate Statistical Methods

15 Points 0.1250 EFTS
Detailed study of multivariate methods. Application of multivariate methods, test statistics and distributions.

P: 15 points from MATH 102, EMTH118 or MATH199; and 15 points from 200 level STAT; and a further 15 points from 200 level STAT, or DATA203 or MATH103.
Domestic Fee: \$802 (2021)
International Fee: \$4,563 (2021)

STAT315-22S1 (C) Semester 1

STAT316 Applied Stochastic Modelling

15 Points 0.1250 EFTS
Not offered in 2022
Theory and applications of Markov processes. Applications to population dynamics, queuing and reliability.

P: 15 points from STAT 211, STAT 212, STAT 221 or MATH 201.
R: MATH376

STAT317 Time Series Methods

15 Points 0.1250 EFTS
Analysis of sequentially collected data including data modelling and forecasting techniques.

P: 15 points from MATH102, EMTH118 or MATH199; and another 30 points from 200 level STAT or ECON213
R: ECON323, FINC323
Domestic Fee: \$802 (2021)

International Fee: \$4,563 (2021)

STAT317-22S2 (C) Semester 2

STAT318 Data Mining

15 Points 0.1250 EFTS
Parametric and non-parametric statistical methodologies and algorithms for data mining.

P: 15 points from MATH102, EMTH118 or MATH199; and another 30 points from 200 level STAT, COSC, DATA, MATH or EMTH
Domestic Fee: \$802 (2021)

International Fee: \$4,563 (2021)

STAT318-22S1 (C) Semester 1

STAT318-22S2 (C) Semester 2

STAT319 Generalised Linear Models

15 Points 0.1250 EFTS
STAT319 is a course in Generalised Linear Models (GLM), suited to anyone with an interest in analysing data. In this course we introduce the components of GLM and other advanced data analysis techniques. We use the free-ware package R. R is becoming the preferred computer package for many statisticians. In this course we will show you how to use the package, enter, manipulate and analyse data in R.

P: 30 points from STAT200-299

Domestic Fee: \$802 (2021)
 International Fee: \$4,563 (2021)
STAT319-22S1 (C) Semester 1

STAT391 Special Topic
 15 Points 0.1250 EFTS
 This special topic will allow flexibility to offer new or one-off courses of strategic importance to the Department. Its potential uses include: new staff developing a course in their areas of research specialisation; visiting Erskine fellows offering courses covering exciting new developments.
 P: Subject to the approval of the Head of School.
 Domestic Fee: \$802 (2021)
 International Fee: \$4,563 (2021)
STAT391-22S1 (C) Semester 1

STAT392 Special Topic
 15 Points 0.1250 EFTS
 This special topic will allow flexibility to offer new or one-off courses of strategic importance to the Department. Its potential uses include: new staff developing a course in their areas of research specialisation; visiting Erskine fellows offering courses covering exciting new developments.
 P: Subject to approval of the Head of School.
 Domestic Fee: \$802 (2021)
 International Fee: \$4,563 (2021)
STAT392-22S2 (C) Semester 2

STAT393 Independent Course of Study
 15 Points 0.1250 EFTS
 P: Subject to approval of the Head of School.
 Domestic Fee: \$802 (2021)
 International Fee: \$4,563 (2021)
STAT393-22S1 (C) Semester 1

STAT394 Independent Course of Study
 15 Points 0.1250 EFTS
 P: Subject to approval of the Head of School.
 Domestic Fee: \$802 (2021)
 International Fee: \$4,563 (2021)
STAT394-22S2 (C) Semester 2

STAT395 Statistics Project
 15 Points 0.1250 EFTS
 This 150 hour course provides students with an opportunity to develop statistical research skills to extend and strengthen their understanding of an area of statistics. Note: This course cannot be included as part of the 300 level requirement for a Mathematics or Statistics major.
 P: Subject to approval of the Head of School
 Domestic Fee: \$788 (2021)
 International Fee: \$4,438 (2021)
STAT395-21SU2 (C) Summer (Nov 21)

Postgraduate

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

STAT440 Probability Theory
 15 Points 0.1250 EFTS
Not offered in 2022
 P: Subject to approval of the Head of School.

STAT445 Financial Time Series
 15 Points 0.1250 EFTS
 P: Subject to approval of the Head of School.
 Domestic Fee: \$1,017 (2021)
 International Fee: \$5,000 (2021)
STAT445-22S2 (C) Semester 2

STAT446 Generalised Linear Models
 15 Points 0.1250 EFTS
 P: Subject to approval of the Head of School.
 Domestic Fee: \$1,017 (2021)
 International Fee: \$5,000 (2021)
STAT446-22S1 (C) Semester 1
STAT446-22S1 (D) Semester 1

STAT447 Official Statistics
 15 Points 0.1250 EFTS
 This course provides an overview of the key areas of Official Statistics. Topics covered include data sources (sample surveys and administrative data); the legal and ethical framework of official statistics; an introduction demography; the collection and analysis of health, social and economic data; data visualisation including presentation of spatial data; data matching and integration; the system of National Accounts.
 P: Subject to approval of the Head of School
 R: STAT474
 Domestic Fee: \$1,017 (2021)
 International Fee: \$5,000 (2021)
STAT447-22S2 (C) Semester 2

STAT448 Big Data
 15 Points 0.1250 EFTS
 STAT448 is suited to anyone with an interest in data, and how it can be used in decision making. In this course we introduce you to big data and some of the techniques you can use to access, explore and investigate it. Students enrolling in this course should be familiar with statistics and with programming.
 P: Subject to approval of the Head of School
 Domestic Fee: \$1,017 (2021)
 International Fee: \$5,000 (2021)
STAT448-22S1 (C) Semester 1
STAT448-22S1 (D) Semester 1
STAT448-22S2 (C) Semester 2
STAT448-22S2 (D) Semester 2

STAT449 Project
 30 Points 0.2500 EFTS
 P: Subject to approval of the Head of School.
 Domestic Fee: \$2,033 (2021)
 International Fee: \$10,000 (2021)
STAT449-22W (C) Whole Year (S1 and S2)
STAT449-22CY (C) Cross Year

STAT450 Advanced Statistical Modelling
 15 Points 0.1250 EFTS
 This course focuses on recent advances in modelling techniques for analysing data including mixed models and nonparametric tests.
 P: Subject to approval of the Head of School.
 Domestic Fee: \$1,017 (2021)
 International Fee: \$5,000 (2021)
STAT450-22S1 (C) Semester 1

STAT451 Survival and Longitudinal Data Analysis
 15 Points 0.1250 EFTS
Not offered in 2022
 P: Subject to approval of the Head of School.

STAT452 Applied Statistics
 15 Points 0.1250 EFTS
Not offered in 2022
 P: Subject to approval of the Head of School.

STAT453 Mathematical Statistics
 15 Points 0.1250 EFTS
Not offered in 2022
 P: Subject to approval of the Head of School.

STAT454 Analysis of Longitudinal data
 15 Points 0.1250 EFTS
Not offered in 2022
 P: Subject to approval of the Head of School.

STAT455 Data Collection and Sampling Methods
 15 Points 0.1250 EFTS
 P: Subject to approval of the Head of School.
 Domestic Fee: \$1,017 (2021)
 International Fee: \$5,000 (2021)
STAT455-22S1 (C) Semester 1
STAT455-22S1 (D) Semester 1

Statistics

STAT456 Time Series and Stochastic Processes

15 Points 0.1250 EFTS

P: Subject to approval of the Head of School.

R: ECON663, ECON614

Domestic Fee: \$1,017 (2021)

International Fee: \$5,000 (2021)

STAT456-22S2 (C) Semester 2

STAT457 Nonparametric Methods

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Head of School.

STAT458 Applied Stochastic Modelling

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Head of School.

STAT459 Computational Statistics

15 Points 0.1250 EFTS

This course is an introduction to nonparametric statistical methods based on empirical distribution functions, kernel smoothing, bootstrap, and resampling. We will study these methods by looking at their theoretical properties and their performance in practical data analysis.

P: Subject to approval of the Head of School.

Domestic Fee: \$1,017 (2021)

International Fee: \$5,000 (2021)

STAT459-22S1 (C) Semester 1

STAT460 Extreme Value Statistics

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Head of School.

STAT461 Bayesian Inference

15 Points 0.1250 EFTS

P: Subject to approval of the Head of School.

Domestic Fee: \$1,017 (2021)

International Fee: \$5,000 (2021)

STAT461-22S2 (C) Semester 2

STAT462 Data Mining

15 Points 0.1250 EFTS

P: Subject to approval of the Head of School.

Domestic Fee: \$1,017 (2021)

International Fee: \$5,000 (2021)

STAT462-22S1 (C) Semester 1

STAT462-22S1 (D) Semester 1

STAT462-22S2 (C) Semester 2

STAT462-22S2 (D) Semester 2

STAT463 Multivariate Statistical Methods

15 Points 0.1250 EFTS

P: Subject to approval of the Head of School.

Domestic Fee: \$1,017 (2021)

International Fee: \$5,000 (2021)

STAT463-22S1 (C) Semester 1

STAT463-22S1 (D) Semester 1

STAT464 Statistical Inference

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Head of School.

STAT465 Advanced Data Analysis and Statistical Consulting

15 Points 0.1250 EFTS

Not offered in 2022

This course teaches students to apply the statistical methods in a variety of practical situations, to communicate in an interdisciplinary environment, to provide critique and respond to it.

P: STAT315, and one of (STAT314, STAT317, STAT319)

STAT471 Special Topic in Statistics

15 Points 0.1250 EFTS

P: Subject to approval of the Head of School.

Domestic Fee: \$1,017 (2021)

International Fee: \$5,000 (2021)

STAT471-22S1 (C) Semester 1

STAT472 Special Topic in Statistics

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Head of School.

STAT474 Special Topic in Statistics

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Head of School.

STAT475 Independent Course of Study

15 Points 0.1250 EFTS

P: Subject to approval of the Head of School.

Domestic Fee: \$1,017 (2021)

International Fee: \$5,000 (2021)

STAT475-22S1 (C) Semester 1

STAT475-22S2 (C) Semester 2

STAT478 Special Topic in Statistics

15 Points 0.1250 EFTS

Not offered in 2022

Special Topic in Statistics

P: Subject to approval of the Head of School

STAT479 Special Topic

15 Points 0.1250 EFTS

P: Subject to approval of the Head of School

Domestic Fee: \$1,017 (2021)

International Fee: \$5,000 (2021)

STAT479-22S1 (C) Semester 1

STAT479-22S2 (C) Semester 2

STAT481 Special Topic

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Head of School

STAT491 Research Project

15 Points 0.1250 EFTS

This 150 hour course provides students with an opportunity to develop mathematical or statistical research skills to extend and strengthen their understanding of an area of mathematics or statistics. Students will be involved in a research project with a supervisor. The project will be closely aligned with the supervisor's existing research programme.

P: Subject to approval of the Head of School.

Domestic Fee: \$1,000 (2021)

International Fee: \$4,938 (2021)

STAT491-21SU2 (C) Summer (Nov 21)

STAT491-22A (C) Starts Anytime

STAT689 MMathSci Thesis (Statistics)

90 Points 0.7500 EFTS

This course will give you research experience by completing an independent study on a project in Statistics. You will have an academic supervisor to provide research guidance throughout your project. Your research project topic will be chosen in discussion with your academic supervisor. We work with you to pair you up with a suitable supervisor. You will develop an initial research proposal and then undertake the research work. You will complete the project by producing a thesis and giving an oral presentation of your work.

P: Subject to approval of the Head of Department

Domestic Fee: \$5,925 (2021)

International Fee: \$30,000 (2021)

STAT689-22A (C) Starts Anytime

STAT690 MSc Thesis
120 Points 1.0000 EFTS
P: Subject to approval of the Head of School.
Domestic Fee: \$7,900 (2021)
International Fee: \$40,000 (2021)
STAT690-22A (C) Starts Anytime
Part-time enrolment (0.65 EFTS) is available on approval.

STAT695 MA Thesis
120 Points 1.0000 EFTS
P: Subject to approval of the Head of School.
Domestic Fee: \$7,900 (2021)
International Fee: \$40,000 (2021)
STAT695-22A (C) Starts Anytime

STAT790 Statistics PhD
120 Points 1.0000 EFTS
P: Subject to approval of the Head of School.
Domestic Fee: \$7,900 (2021)
International Fee: \$40,000 (2021)
STAT790-22A (C) Starts Anytime
*Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Taxation

Department of Accounting and Information Systems

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

TAXA690 MCom Thesis
120 Points 1.0000 EFTS
P: Subject to approval of the Head of Department.
R: ACIS690, AFIS690
Domestic Fee: \$7,558 (2021)
International Fee: \$31,800 (2021)
TAXA690-22A (C) Starts Anytime
Part-time enrolment (0.65 EFTS) is available on approval.

TAXA694 MCom Thesis
90 Points 0.7500 EFTS
P: Subject to approval of the Head of Department
Domestic Fee: \$5,669 (2021)
International Fee: \$23,850 (2021)
TAXA694-22A (C) Starts Anytime

TAXA790 Taxation PhD
120 Points 1.0000 EFTS
P: Subject to approval of the Head of Department.
R: ACIS790, AFIS790
Domestic Fee: \$7,558 (2021)
International Fee: \$31,800 (2021)
TAXA790-22A (C) Starts Anytime
*Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Teacher Education

Te Kura Whakangungu Kaiako | School of Teacher Education

AKOA161 Mana Aoturoa 1 | Practice Exploration 1
15 Points 0.1250 EFTS
Not offered in 2022

This course and first teaching practice experience provides opportunities for pre-service teachers to enact learning about teaching and demonstrate professional skills, knowledge and dispositions. Mana aoturoa is a way of describing how, through a process of exploration on teaching practice, pre-service teachers learn how to teach. During this process of self-discovery and understanding of their own developing teacher identity, pre-service teachers develop skills of collaboration, problem-solving, perseverance, curiosity and confidence. Practice experience is focused on understanding and responding to learners, design for learning, establishing a learning-focused culture, fostering professional relationships, enacting principles relating to Te Tiriti o Waitangi, and engaging in professional learning. The course and teaching practice experience is closely linked to other courses in the BTChLn programme.

P: 30 points from 100 level AKOE, AKOM or AKOP courses

AKOA261 Mana Aoturoa 2 | Practice Exploration 2
15 Points 0.1250 EFTS
Not offered in 2022

This course and second teaching practice experience provides opportunities for Pre-service teachers to advance learning about teaching and demonstrate professional skills, knowledge and dispositions. Mana aoturoa is a way of describing how, through a process of exploration on teaching practice, pre-service teachers learn how to teach. During this process of self-discovery and understanding of their own developing teacher identity, pre-service teachers develop skills of collaboration, problem-solving, perseverance, curiosity and confidence. Practice experience is focused on understanding and responding to learners, design for learning, establishing a learning-focused culture, fostering professional relationships, enacting principles relating to Te Tiriti o Waitangi, and engaging in professional learning. The course and teaching practice experience is closely linked to other courses in the BTChLn programme.

P: AKOA161

AKOA262 Mana Aoturoa 3 | Practice Exploration 3
15 Points 0.1250 EFTS
Not offered in 2022

This course and third teaching practice experience provides opportunities for pre-service teachers to deepen their learning and reflection for teaching and demonstrate professional skills, knowledge and dispositions. Mana aoturoa is a way of describing how, through a process of exploration on teaching practice, pre-service teachers learn how to teach. During this process of self-discovery and understanding of their own developing teacher identity, pre-service teachers develop skills of collaboration, problem-solving, perseverance, curiosity and confidence. Practice experience is focused on understanding and responding to learners, design for learning, establishing a learning-focused culture, fostering professional relationships, enacting principles relating to Te Tiriti o Waitangi, and engaging in professional learning. The course and teaching practice experience is closely linked to other courses in the BTChLn programme.

P: AKOA261

AKOA263 Mana Aoturoa | Transitional Practice Exploration 2
15 Points 0.1250 EFTS
Not offered in 2022

This course and second teaching practice experience provides opportunities for Pre-service teachers to advance learning about teaching and demonstrate professional skills, knowledge and dispositions. Mana aoturoa is a way of describing how, through a process of exploration on teaching practice, pre-service teachers learn how to teach. During this process of self-discovery and understanding of their own developing teacher identity, pre-service teachers develop skills of collaboration, problem-solving, perseverance, curiosity and confidence. Practice experience is focused on understanding and responding to learners, design for learning, establishing a learning-focused culture, fostering professional relationships, enacting principles relating to Te Tiriti o Waitangi, and engaging in professional learning. The course and teaching practice experience is closely linked to other courses in the BTChLn programme.

P: AKOA161

AKOA264 Mana Aoturoa | Transitional Practice Exploration 3
15 Points 0.1250 EFTS
Not offered in 2022

This course and third teaching practice experience provides opportunities for pre-service teachers to deepen their learning and reflection for teaching and demonstrate professional skills, knowledge and dispositions. Mana aoturoa is a way of describing how, through a process of exploration on teaching practice, pre-service teachers learn how to teach. During this process of self-discovery and understanding of their own developing teacher identity, pre-service teachers develop skills of collaboration, problem-solving, perseverance, curiosity and confidence. Practice experience is focused on understanding and responding to learners, design for learning, establishing a learning-focused culture, fostering professional relationships, enacting principles relating to Te Tiriti o Waitangi, and engaging in professional learning. The course and teaching practice experience is closely linked to other courses in the BTChLn programme.

P: AKOA262

C: AKOP250

AKOA361 Mana Aoturoa 4 | Primary Practice Exploration 4

15 Points

0.1250 EFTS

Not offered in 2022

This course and fourth teaching practice experience provides opportunities for Primary pre-service teachers to refine their learning and reflection on teaching and demonstrate professional skills, knowledge and dispositions. Mana aoturoa is a way of describing how, through a process of exploration on teaching practice, pre-service teachers learn how to teach. During this process of self-discovery and understanding of their own developing teacher identity, pre-service teachers develop skills of collaboration, problem-solving, perseverance, curiosity and confidence. Practice experience is particularly focused on designing learning, including teaching and assessment, of mathematics and literacy within the Primary school programme. Pre-service teachers will be expected to respond to learners, establish a learning-focused culture, foster professional relationships, enact principles relating to Te Tiriti o Waitangi, and engage in professional learning. The course and teaching practice experience is closely linked to other courses in the BTChLn programme.

P: AKOA262

AKOA362 Mana Aoturoa 5 | Primary Practice Exploration 5

15 Points

0.1250 EFTS

Not offered in 2022

This course and final teaching practice experience provides opportunities for Primary pre-service teachers to refine their learning and reflection on teaching and demonstrate professional skills, knowledge and dispositions. Mana aoturoa is a way of describing how, through a process of exploration on teaching practice, pre-service teachers learn how to teach. During this process of self-discovery and understanding of their own developing teacher identity, pre-service teachers develop skills of collaboration, problem-solving, perseverance, curiosity and confidence. During this practice experience, there is a particular focus on the use of inquiry to enhance professional capability about teaching and assessment practices. Pre-service teachers will be expected to understand and respond to learners, establish a learning-focused culture, foster professional relationships, enact principles relating to Te Tiriti o Waitangi, and engage in professional learning. The course and teaching practice experience is closely linked to other courses in the BTChLn programme.

P: AKOA361

AKOA363 Mana Aoturoa 4 | Early Childhood Practice Exploration 4

15 Points

0.1250 EFTS

Not offered in 2022

This course and fourth teaching practice experience provides opportunities for pre-service teachers to deepen their learning and reflection on teaching and demonstrate professional skills, knowledge and dispositions. Mana Aoturoa is a way of describing professional practice as a process of exploration to support learning. Pre-service teachers will develop skills of collaboration, problem-solving, perseverance, curiosity and confidence as they explore their own developing teacher identity. Practice experience is focused on managing their own learning and leadership. The course and teaching practice experience is closely linked to other courses in the BTChLn programme.

P: AKOA262

AKOA364 Mana Aoturoa 5 | Early Childhood Practice Exploration 5

15 Points

0.1250 EFTS

Not offered in 2022

This course and fifth teaching practice experience provides opportunities for pre-service teachers to deepen their learning and reflection on teaching and demonstrate professional skills, knowledge and dispositions. Mana Aoturoa is a way of describing professional practice as a process of exploration to support learning. Pre-service teachers will develop skills of collaboration, problem-solving, perseverance, curiosity and confidence as they explore their own developing teacher identity. Practice experience is focused on leadership. The course and teaching practice experience is closely linked to other courses in the BTChLn programme.

P: AKOA363

AKOE170 Ko wai au? Who am I?

15 Points

0.1250 EFTS

Not offered in 2022

This course will support pre-service teachers to identify their personal values, beliefs and attitudes and discuss how these may impact on their emerging identity as a teacher. The pre-service teachers will be supported to develop an emerging understanding of the tensions between personal and professional identities within the teaching profession. The dimensions of hauora well-being including tinana, wairua, hinengaro, whānau and whakapapa are explored and understood in the wider context of the professional sector of early childhood education.

AKOE171 Whai oranga: Pursuing wellbeing of children

15 Points

0.1250 EFTS

Not offered in 2022

This course establishes a foundation in theory, concepts, processes and knowledge of children's development in the early childhood period within the context of culture, whānau/family, and community. Students will acquire an understanding of the processes that take place within and across developmental domains and the risk and protective factors that shape developmental trajectories.

R: EDUC102

AKOE172 Infant and toddler pedagogies in action

15 Points

0.1250 EFTS

Not offered in 2022

This course will introduce and explore a variety of early childhood philosophies and respectful practices that uphold the mana, confidence and competence of infants and toddlers. Pre-service students will begin to critique factors that influence specialised pedagogical practices for infants and toddlers.

AKOE173 Curriculum: Te Whariki

15 Points

0.1250 EFTS

Not offered in 2022

This course provides a foundation for developing knowledge and pedagogical approaches within the early childhood curriculum, Te Whariki: He Whariki Matauranga mo nga mokopuna o Aotearoa. This course will support student teachers to develop knowledge of the early childhood curriculum and begin to help them notice the central role of identity and knowledge in fostering interests and learning of tamariki.

AKOE174 ECE as a contested profession: Looking back, moving forward

15 Points

0.1250 EFTS

Not offered in 2022

The course is designed to provide initial early childhood teacher education students with knowledge of the social, cultural, political, and ecological contexts of early childhood education in Aotearoa | New Zealand. Students will identify and begin to critique contemporary policies and legislation that impact upon their practices by exploring the whakapapa of these governing documents and looking back at the historical, and contested, foundations of early childhood education. Identification of Te Tiriti o Waitangi informed practices will support students to develop a clear understanding of how to move forward as an kaiako into the early childhood educational sector.

AKOE270 Ngakau Urutanga Whanui: Diversity and Inclusion at the Heart

15 Points

0.1250 EFTS

Not offered in 2022

The course is designed to provide initial early childhood teacher education students with knowledge of the cultures, policies and practices that contribute to inclusion and exclusion in early childhood education. As part of wider themes of belonging, relationships and communities, students in this course will develop a critical awareness of the contested pedagogies and theoretical debates around inclusion within the social, historical, cultural and political context in Aotearoa New Zealand. The barriers to effective participation and learning and how these influence practice and outcomes are considered. Students will develop their understanding, knowledge and skills to ensure that all children and their families/whānau right to belong, be included and supported in early childhood settings is upheld.

P: 30 points from 100 level AKOE

AKOE272 Becoming an Intentional Teacher

15 Points

0.1250 EFTS

Not offered in 2022

This course introduces pre-service teachers to contemporary thinking related to intentional teaching in early childhood settings in bicultural Aotearoa New Zealand. Pre-service teachers will engage with theoretical and practical frameworks for responsive teaching that take account of the diverse backgrounds of tamariki and whānau and draw on local contexts. As a part of a wider progression in curriculum design, there will be a focus on the application of the processes of noticing and recognising children's interests and learning.

P: AKOE173

AKOE371 ECE as a contested profession: Leadership and criticality in ECE

15 Points

0.1250 EFTS

Not offered in 2022

This course critically examines discourses of leadership within early childhood education in Aotearoa. Pre-service teachers will analyse and critique theories and styles of leadership and tensions that arise. They will apply these understandings to practice. The course will complement learning in other courses in the Bachelor of Teaching and Learning (Early Childhood), including Professional Practice.

P: 45 points from 200 level AKOE, AKOM or AKOT

AKOE372 ECE as a contested profession: Ethics, politics and teaching

15 Points

0.1250 EFTS

Not offered in 2022

This course critically examines some of the broader social, ethical and political contexts in which early childhood education is situated. Pre-service teachers will engage with a range of contemporary ethical dilemmas facing the early childhood profession. Drawing on selected critical frameworks, pre-service teachers will analyse and critique social, political and pedagogical conditions affecting practice. The course will complement learning in other courses in the Bachelor of Teaching and Learning (Early Childhood), including Professional Practice.

P: 45 points from 200 level AKOE or AKOT

AKOE373 Curriculum: Designing holistic and bicultural learning experiences

15 Points 0.1250 EFTS

Not offered in 2022

This course supports pre-service teachers to understand and apply the holistic, bicultural early childhood curriculum Te Whariki. Pre-service teachers will engage with theoretical and practical frameworks for responsive teaching in early years teaching. These frameworks will take account of learners' diverse backgrounds and draw on local contexts. Pre-service teachers will examine assessment frameworks, intentional and pedagogical strategies to support the development of learning dispositions and working theories. Pre-service teachers will implement principles of assessment that recognise the important role of responsive and reciprocal nga hononga relationships. The central role of identities and knowledges in fostering interests and learning of tamariki will be critically examined in the context of early childhood settings. The course will complement learning in other courses in the Bachelor of Teaching and Learning (Early Childhood), including Professional Practice.

P: 45 points from 200 level AKOE, AKOM, or AKOT

AKOE374 Curriculum: leading design

15 Points 0.1250 EFTS

Not offered in 2022

This course will support pre-service teachers to critically examine the various purposes for assessment and the relationships between assessment practices and teaching and learning. Through analysing intentional teaching in curriculum design pre-service teachers will critically reflect on their role as an intentional teacher. Through evaluating the complexities of curriculum design within bicultural Aotearoa pre-service teachers will demonstrate leadership within one area of the curriculum. This course will complement learning in other courses in the Bachelor of Teaching and Learning (Early Childhood), including Professional Practice.

P: AKOE373

AKOE375 Reading between the lines: Leading the way with storying and picture books

15 Points 0.1250 EFTS

Not offered in 2022

This course provides an opportunity for students to critically examine storying as a vehicle for learning within an integrated, inclusive and holistic curriculum. There is a specific emphasis on looking beyond emergent literacy in isolation to include not only language and literacy skills, but also children's dispositions, identities and working theories. The course also offers opportunities to display leadership through acknowledging and celebrating whānau funds of knowledge and their ability to promote rich storying and literacy experiences.

P: 60 points from 200 level AKOE, AKOM or AKOT

AKOE376 Engaging with Philosophies, Pedagogies, and Theories in Early Childhood Education

15 Points 0.1250 EFTS

Not offered in 2022

This course supports pre-service teachers to understand and critically engage with the complex relationships between philosophies, theories, and pedagogical practices within the context of bicultural Aotearoa New Zealand. Through an examination of the underpinning theories of Te Whariki and a range of historical and contemporary philosophical and theoretical positions, pre-service teachers will articulate connections and tensions, and apply this understanding to develop their own philosophical position with clear links to pedagogical practice.

P: 60 points from 200 level AKOE, AKOM or AKOT

AKOE377 Pedagogical inquiry for quality practice

15 Points 0.1250 EFTS

Not offered in 2022

This course provides pre-service teachers with the opportunity to plan, implement and evaluate a small-scale professional inquiry exploration based on an area of pedagogical interest in relation to early childhood education.

P: 60 points from 200 level AKOE, AKOM or AKOT

AKOE378 Wicked problem solving for education in Aotearoa

15 Points 0.1250 EFTS

Not offered in 2022

In this course students will develop design thinking inquiry skills that will enable them to collaboratively respond to a real life wicked problem posed by and for a bicultural New Zealand education sector.

P: 60 points from 200 level AKOE, AKOM or AKOT

AKOM191 Mana Atua Tahī

15 Points 0.1250 EFTS

Not offered in 2022

This course is forefronted by Mātauranga Māori and will be taught and assessed bilingually: in te reo Māori and English. Mana Atua will introduce akonga to kaupapa Māori perspectives of wellbeing ensuring all dimensions; tinana, wairua, hinengaro, whānau and whakapapa are explored. The development of tamariki from 0-12 will be explored as well as how to notice and support the unique talents and matea ako (learning needs) of diverse learners within these years.

AKOM192 Mana Reo Tahī

30 Points 0.2500 EFTS

Not offered in 2022

This course will be taught bilingually: in te reo Māori and English. This course aims to increase the fluency of kaiako in te reo Māori and will provide a wide range of conversational and contextual opportunities to engage in te reo Māori. Kaiako will be able to demonstrate an understanding of te reo Māori me nga tikanga-a-iwi applicable to a variety of learning contexts, and informal contexts with whānau and community.

AKOM193 Mana Tangata

15 Points 0.1250 EFTS

Not offered in 2022

Mana tangata will explore how to notice, celebrate and support the unique skills and strengths of our tamariki/ mokopuna. As well as how to enhance the 'kaupapa ngakau nui (the passions) of the tamaiti/ rangatahi. The Maramataka including how to plan, support, guide, teach and assess according to signs within the taiao, wairua and ihi of akonga will be introduced.

AKOM194 Te Puna Marautanga Tahī

15 Points 0.1250 EFTS

Not offered in 2022

This course provides a foundation for developing knowledge, pedagogical approaches within the early childhood curriculum, Te Whariki: He Whariki Matauranga mo nga mokopuna o Aotearoa as well as an introduction to Te Marautanga o Aotearoa and the matapono o Te Aho Matua. This course will support pre-service kaiako to develop understandings of Māori medium contexts and relevant marau and begin to help them notice the central role of whakapapa, tikanga and ura to nurture relationships and foster talents and interests.

AKOM195 Mana Whenua

15 Points 0.1250 EFTS

Not offered in 2022

This course will have two main components. Both will aim to explore traditional knowledge systems that stem from te taiao, nga wai me te whenua. Through Mana Whenua akonga will listen to kaikorero and research place based stories and pedagogies on the land in which they originated. Kai Tahu cultural narratives will be explored as well as other purakau of different rohe in order to appreciate and teach from a historical and traditional context. Pre-service kaiako will consider how to appropriately teach purakau in both primary and early childhood contexts to engage learners and transfer knowledge whilst honouring the hau kainga. A second and integral component of this course will encourage pre-service kaiako to view themselves as kaitiaki and encourage their future akonga to be kaimanaaki taiao. They will explore traditional mahinga kai practices including mara kai and indigenous kai, guided by Te Maramataka as well as wider tikanga Māori practices. Kaitiakitanga of the whenua, wai and wider taiao connecting to atua Māori, will be the foundation of both components of this course. This will involve a practical component.

AKOM291 Mana atua Rua

15 Points 0.1250 EFTS

Not offered in 2022

Mana Atua Rua will explore and analyse kaupapa Māori perspectives of wellbeing ensuring all dimensions; tinana, wairua, hinengaro, whānau and whakapapa are explored. Responding to learner needs and interests in reference to inclusive education models and indigenous pedagogies will be explored. Language development, language acquisition and language revitalisation; centralising Māori and indigenous forms of language transfer will be explored.

P: AKOM191 and AKOM192

AKOM292 Te Puna Marautanga Rua

15 Points 0.1250 EFTS

Not offered in 2022

This course will be taught bilingually: in te reo Māori and English. This course explores a range of marau and aromatawai (including and not limited to Nga Whanaketanga and Te Whatu Pokaka) linked to Māori medium contexts. Interdisciplinary learning with a strong focus on pangarau and te reo matatini and also intertwining other curriculum areas (kaupapa based learning) will be explored.

P: AKOM192 and AKOM194

AKOM293 Mana Reo Rua

15 Points 0.1250 EFTS

Not offered in 2022

This course will be taught bilingually: in te reo Māori and English. This course aims to further advance the fluency of kaiako in te reo Māori and will provide a wide range of conversational and contextual opportunities to engage in te reo Māori with a particular focus on 'Te Wahi Ako. Kaiako will be able to demonstrate an understanding of te reo Māori me nga tikanga-a-iwi applicable to a variety of learning contexts, and informal contexts with whānau and community with increased ability and confidence.

P: AKOM192

Teacher Education

AKOM294 Mana Tangata Rua

15 Points 0.1250 EFTS

Not offered in 2022

Mana tangata 2 will analyse how to respond to, celebrate and support the unique skills and strengths of our tamariki/ mokopuna as well as how to enhance the 'kaupapa ngakau nui (the passions) of the tamaiti/ rangatahi. Multiple intelligences including: social intelligence, emotional intelligence, academic intelligence, cultural intelligence, linguistic intelligence, and spirituality will be explored and analysed. The Maramataka including how to plan, support, guide, teach and assess according to signs within the taiao, wairua and ihi of akonga will be explored and analysed.

P: AKOM193

AKOM391 Mana Atua Toru

15 Points 0.1250 EFTS

Not offered in 2022

This course will be taught in te reo Māori and will examine areas of wellbeing, hinengaro, tinana, wairua and whānau. Mana Atua Toru will focus on Māori success, empowering the mana of each individual to carve out their own pathway according to strengths, as well as characteristics of leadership. Preservice kaiako will analyse the responsibilities, service professional, cultural and ethical elements of becoming a leader within kaupapa Māori education as well as explore traditional Māori leadership and leadership in today's society.

P: AKOM291 and AKOM293

AKOM392 Te Puna Marautanga Toru

15 Points 0.1250 EFTS

Not offered in 2022

This course will be taught in te reo Māori. This course explores a range of marau and teaching and learning contexts including Pasifika contexts. Interdisciplinary learning in conjunction with Hangarau Matihiko will be explored. Pre-service kaiako enrolled in this course will have had experiences in both early childhood and primary contexts and will connect their learning in Te Puna Marautanga 3 to the particular sector they are interested in teaching in as a graduate of the Mātauranga Māori endorsement.

P: AKOM292 and AKOM293

AKOM393 Te Puna Marautanga Wha

15 Points 0.1250 EFTS

Not offered in 2022

This course will be taught in te reo Māori. This course explores a range of marau and aromatawai linked to Māori medium contexts. Interdisciplinary learning intertwining all curriculum areas (kaupapa based learning) will be explored with a strong focus on putaiao and nga toi and pre-service kaiako will experience planning for putaiao and nga toi within early childhood and primary contexts.

P: AKOM292 and AKOM293

AKOM394 Mana Reo Toru

15 Points 0.1250 EFTS

Not offered in 2022

This course will be taught in te reo Māori. This course aims to enhance the fluency and knowledge of kaiako in te reo Māori me ona tikanga and will provide a wide range of conversational and contextual opportunities. Kaiako will be able to demonstrate an understanding of te reo Māori me nga tikanga-a-iwi applicable to a variety of learning contexts, and informal contexts with whānau and community with increased ability and confidence. Students will have a greater understanding of Mātauranga Māori and tikanga Māori through the teaching and learning of te reo Māori. Knowledge of dialect and matauranga of the mana whenua will be threaded into this course. This course continues the study of the structure of the language and extends speaking skills and confidence.

P: AKOM293

AKOP150 Teacher as Learner

15 Points 0.1250 EFTS

Not offered in 2022

This course introduces pre-service teachers to what it means to be a teacher in the primary school sector in Aotearoa New Zealand. It explores theories and models of professional identity, professional learning and the expectations of conduct and integrity required to be a member of the teaching profession. It examines the teacher's role in establishing and maintaining a learning culture that supports diversity and inclusion. This course will complement learning in other courses in the Bachelor of Teaching and Learning (Primary).

AKOP153 Designing the Curriculum

15 Points 0.1250 EFTS

Not offered in 2022

This course will examine the different ways The New Zealand Curriculum for English-medium New Zealand schools is experienced by learners. This will support the development of positive, inclusive, learning-focussed teaching in diverse school settings. Students will engage with various learning areas through practical and collaborative experiences. They will be better informed to understand factors that impact on curriculum decision making in order to successfully design learning. The course builds upon AKOP131 'Exploring the Curriculum' and prepares students for the associated Professional Practice.

P: 30 points of 100-level AKOP courses.

AKOP154 Curriculum for Practice: Literacy and Mathematics

15 Points 0.1250 EFTS

Not offered in 2022

This course focuses on evidence-based pedagogies and practices for effective teaching and learning of literacy and mathematics from Years 0 to 8. There will be a specific emphasis on the teaching and learning of foundational knowledge and skills in literacy and mathematics. Pre-service teachers will be introduced to pedagogical and assessment practices in mathematics and literacy, while building their own content knowledge. Additionally, content within the course will support and guide learning during their professional practice experiences in year one.

AKOP250 Teacher as Practitioner

15 Points 0.1250 EFTS

Not offered in 2022

This course introduces pre-service teachers to theories and models of reflection that support practice and the development of the self as a co-learner. It explores how the Code of Professional Responsibility can support decision making and the implementation of safe practices when faced with ethical dilemmas. It examines ways to notice and understand learners and develop strategies for adapting practice within an inclusive curriculum. This course will complement learning in other courses in the Bachelor of Teaching and Learning (Primary).

P: AKOP150 and a further 30 points from 100 level AKOP

AKOP251 Weaving the Curriculum: Learning Languages and Social Sciences

15 Points 0.1250 EFTS

Not offered in 2022

This course introduces pre-service teachers to contemporary thinking related to Learning Languages and Social Sciences education in primary schools in Aotearoa/New Zealand. Students will engage with theoretical and practical frameworks for responsive teaching in Social Sciences and Learning Languages that take account of learners' diverse backgrounds and draw on local contexts. Students will examine pedagogical strategies, assessment activities and resources to support their development of the knowledge, skills, and dispositions to facilitate effective learning opportunities in these two learning areas. The course will complement learning in other courses in the Bachelor of Teaching and Learning (Primary), including Professional Practice.

P: 30 points from 100 level AKOP

AKOP252 Developing learning in literacy and mathematics

15 Points 0.1250 EFTS

Not offered in 2022

This course continues to develop students' knowledge of evidence-based pedagogies and practices for the effective teaching and learning of literacy and mathematics from Years 0 to 8. Students will evaluate and apply formative and summative assessment practices in mathematics and literacy. There will be a specific emphasis on teaching literacy and mathematics in the middle and upper years of primary and intermediate schooling.

P: AKOP154 and a further 30 points from 100 level AKOP

AKOP253 Weaving the Curriculum: The Arts and Health and Physical Education

15 Points 0.1250 EFTS

Not offered in 2022

This course introduces content, pedagogy and practices associated with teaching and learning in, through and about the Arts and Health and Physical Education (HPE) in the New Zealand Curriculum (2007). Students will engage with content that will support the design of effective, inclusive classroom and learning programmes that maximise learners' physical, social, cultural and emotional safety and promote Hauora/ well-being in four levels (1-4) of the New Zealand Curriculum. The course will complement learning in other courses in the Bachelor of Teaching and Learning (Primary Endorsement).

P: 30 points from 100 level AKOP

AKOP254 Weaving the Curriculum: Science and Technology

15 Points 0.1250 EFTS

Not offered in 2022

This course supports pre-service teacher development of curriculum knowledge and pedagogy of teaching science and technology in schools in Aotearoa New Zealand. Pre-service teachers explore science and technology education through engagement in future focussed themes and issued situated in authentic contexts, local curriculum, and Mātauranga Māori and Matauranga-a-iwi. Pre-service teachers will successfully plan, resource, implement, assess and evaluate the learning areas of science and technology while learning strategies for integrating and connecting these learning areas to other curriculum areas. The course will complement learning in other courses in the BTChLn (Primary), including Professional Practice.

P: 30 points from 100 level AKOP

AKOP350 Teacher as Professional

15 Points 0.1250 EFTS

Not offered in 2022

This course examines the ways frameworks for inquiry can be used to identify and resolve practice challenges and dilemmas in relation to possible causes, teacher decision-making and practice responses. Pre-service teachers will analyse how the Code of Professional Responsibility and the Standards for the Profession of Teaching guide the ethical behaviour and high quality practices expected of the teaching professional. They will develop strategies for noticing,

understanding and responding to learners with diverse and additional learning needs, within an inclusive learning-focused culture. This course will complement learning in other courses in the Bachelor of Teaching and Learning (Primary).

P: AKOP250

AKOP351 Connecting the Curriculum

15 Points 0.1250 EFTS

Not offered in 2022

This course explores process and approaches for effective, purposeful and authentic problem-based learning that draws across learning areas. The course builds students' pedagogical content knowledge and their use of evidence-based teaching approaches that do not fit neatly within traditional academic disciplines. The course will support students to develop their knowledge, understanding, practical and critical thinking skills through connected, problem-based learning.

P: AKOP252 and a further 30 points from AKOP251, AKOP253 or AKOP254

AKOP352 Teaching Sustainability, Justice and the Local Curriculum

15 Points 0.1250 EFTS

Not offered in 2022

This place-conscious course introduces students to multiple perspectives related to critically examining intersections between sustainability and justice that may arise in relation to the design and delivery of local curriculum activities. Students will engage with theoretical and practical frameworks for critical/trans-disciplinary teaching related to the environment and sustainability, as per the Key Competencies and Values of the New Zealand Curriculum. This course will consequently take account of learners' diverse backgrounds and draw on local, national and international contexts - of the past, present and future. Students will engage with, and undertake, case studies to enable them to employ critical pedagogies of place and land based pedagogies to empower learners/communities to take action on issues of concern, and understand the importance of balancing rights, roles, and responsibilities and of contributing to the quality and sustainability of social, cultural, physical and economic environments.

P: 30 points from 200 level AKOP courses

AKOP353 Building teacher agency and capability through inquiry

15 Points 0.1250 EFTS

Not offered in 2022

Me maumahara ki to ake ahureitanga. - Remember your absolute uniqueness. All pre-service kaiako have their own unique taonga, passions and areas for growth. In this course pre-service teachers are given an opportunity to explore in greater depth, an area of interest they wish to pursue, to further develop capability for teaching and learning in primary school settings. Through an inquiry approach they will research, synthesize and evaluate new knowledge, in order to articulate what and how they can contribute to different learning communities. In doing so, they may be a tuakana in some areas and a teina in others. Through this experience they will have a process for their own continued professional learning, to build agency as an emerging leader in their areas of strength.

P: 30 points from 200 level AKOP

AKOT101 Nga Tangata o Aotearoa: Te Mana o Te Tiriti o Waitangi

15 Points 0.1250 EFTS

Not offered in 2022

This course will provide pre-service teachers with an understanding of the historical context of Te Tiriti o Waitangi and the implications across time and place. Reflecting on personal development in relation to Te Tiriti o Waitangi and making connections with emerging pedagogical practice are fundamental to the course.

AKOT110 Te Reo Māori Tahi: ma te kaiako

15 Points 0.1250 EFTS

Not offered in 2022

This course will be taught in English and at times in te reo Māori. This course aims to develop the pronunciation and increase the fluency of pre-service teachers in te reo Māori and will provide a range of conversational and contextual opportunities to engage in te reo Māori appropriate for the ECE and primary education sectors and beyond. Kaiako will be able to demonstrate an understanding of te reo Māori me nga tikanga-a-iwi applicable to a variety of learning contexts, and informal contexts with whānau and community.

AKOT210 Te Reo Māori rua: ma te kaiako

15 Points 0.1250 EFTS

Not offered in 2022

This course will be taught and assessed in English and in Te Reo Māori. This course aims to further advance pronunciation and communicative competence of pre-service teachers in te reo Māori. Learning will be based on scaffolded conversational and contextual opportunities to engage in te reo Māori consistent with the level 2 achievement objectives of Te Aho Arataki Marau -TAAM (the Māori Language Curriculum for mainstream New Zealand schools) and in accordance with the kaupapa whakahaere | principles of Te Whariki (The Early Childhood Curriculum). Pre-service teachers will be able to demonstrate an understanding of te reo Māori me nga tikanga-a-iwi applicable to a variety of formal and informal learning contexts with whānau and community with increased ability and confidence.

P: AKOT110

AKOT230 Whānau tangata: Possibilities, Opportunities and Tension

15 Points 0.1250 EFTS

Not offered in 2022

This course explores complex notions of whānaungatanga, whānau and community. Students will actively engage with whānau/community in order to discover implications for education, teaching and self as an emerging teacher. Through the course, students will critique teachers' professional responsibilities and commitment to whānau community.

P: 30 points from 100 level AKOE or AKOM

AKOT231 Saili Matagi - 'Seeking the winds of change in Pasifika Education'

15 Points 0.1250 EFTS

Not offered in 2022

This course will support Early Childhood and Primary pre-service teachers to understand key historical, socio-economic and cultural contexts/events from a range of perspectives that have informed Pasifika community experiences in Aotearoa. Pre-service teachers will identify, and critically examine, contextual factors, professional practices and pedagogical approaches required to raise the engagement and achievement/learning outcomes of Pasifika students, families and communities. To that end, this course will enable student engagement with Pasifika community leaders (and other experts) to help students contextualise their development of quality teaching practices for Pasifika learners. It will also require students to apply various Pasifika theoretical and research lens to their application of the Standards for the Teaching Profession (Our Code/Our Standards) and Tapasa (2018). Pre-service teachers will, ultimately, be supported to consider the important role they must play to support 'Saili Matagi', the 'winds of change', needed for the success of Pasifika learners in New Zealand centres and schools.

P: 30 points from 100 level AKOE, AKOM or AKOP

AKOT232 Whanaungatanga: Relationally connected

15 Points 0.1250 EFTS

Not offered in 2022

This course examines Māori world views from both traditional and contemporary perspectives of teaching and learning and their relevance to a broad range of early childhood educational contexts. Conversant and confident applications of written te reo Māori me ona tikanga within assessment practices is an essential foci for this course. Through acknowledging the unique place of Māori as tangata whenua this provides pathways for you to implement bicultural curricula collaboratively with whānau, hapu and iwi.

P: 30 points from 100 level AKOE or AKOM

AKOT310 Te Reo Māori toru: ma te kaiako

15 Points 0.1250 EFTS

Not offered in 2022

This course will be taught and assessed in English and in Te Reo Māori. This course aims to further advance pronunciation and communicative competence of pre-service teachers in te reo Māori. Learning will be based on scaffolded conversational and contextual opportunities to engage in te reo Māori consistent with the level 3 achievement objectives of Te Aho Arataki Marau - TAAM (the Māori Language Curriculum for mainstream New Zealand schools) and in accordance with the kaupapa whakahaere | principles of Te Whariki (The Early Childhood Curriculum). Pre-service teachers will be able to demonstrate an understanding of te reo Māori me nga tikanga-a-iwi applicable to a variety of formal and informal learning contexts with whānau and community with increased ability and confidence.

P: AKOT210

EDEM603 Research Project in Learning, Teaching and Curriculum

30 Points 0.2500 EFTS

Not offered in 2022

This course focuses on teaching, learning and curriculum issues in the primary and early childhood areas. This course will enable students to examine and critique the theories and principles which underpin the New Zealand Curriculum and Te Whaariki. Students will investigate the extent to which these documents and current classroom/centre practice are supported by research literature. As part of this course students will spend time in classrooms/centres during which they will investigate and reflect on the relationships of curriculum planning, decision-making and implementation issues to their own philosophies and practices.

P: Subject to approval of the Head of School.

R: EDTL828

EDEM606 Curriculum Implementation in Science Education

30 Points 0.2500 EFTS

The course is designed to give teachers the opportunity to improve their professional practice by critically examining significant issues regarding course design and implementation in science contexts. Participants will develop research skills and investigate theories and practices in science education.

P: Subject to approval of the Head of School

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

EDEM606-22S2 (C) Semester 2

EDEM606-22S2 (D) Semester 2

EDEM607 Contemporary Issues in Literacy Education

30 Points 0.2500 EFTS

This course explores different theoretical perspectives on literacy and how they relate to contemporary practice and research. It examines the theoretical, historical and political aspects of curriculum development in the teaching of literacy. It includes an exploration of current teaching and learning practices and processes relevant to the area. An analysis and critique of the development and use of and approaches to text is integral to the course.

P: Subject to approval of the Head of School

R: EDTL834

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

EDEM607-22S1 (D) Semester 1**EDEM608 Understanding Emotions in Education, Leadership and Health**

30 Points 0.2500 EFTS

This course is designed to specifically address current interest in emotions and emotional intelligence in teaching, learning and leadership. Current research findings and interdisciplinary theories of emotion will be explored, discussed, critiqued and applied as relevant to the overall bicultural context of Aotearoa New Zealand, and situated within the individual contexts of the participants. Participants will engage with and adapt a research-informed theory of emotional intelligence that has been applied in international research, in ways that are relevant to their daily lives, and /or support their pedagogical or relevant professional practice. This course will be of interest not only to teachers, educators, and leaders, but also to managers, coaches, human resource professionals, psychologists, parents, students and anyone who is interested in understanding emotions in themselves and others.

P: Subject to approval of the Head of School.

Domestic Fee: \$1,905 (2021)

International Fee: \$8,000 (2021)

EDEM608-21SU2 (D) Summer (Nov 21)**EDEM611 Diversity and the Politics of Knowledge**

30 Points 0.2500 EFTS

Not offered in 2022

This course explores the ways in which differing knowledges hold more status and exercise more power than others, at particular social and historical points in time. We critically engage with the ways in which dominant knowledges shape notions of learner difference and diversity, and how this can play a role in perpetuating the status quo. The institutional and societal implications of the 'knowledges considered worth knowing' about a range of diversities are considered. The course investigates agentive possibilities for engaging with difference and diversity within a range of diverse educational contexts.

P: Subject to approval of the Head of School

R: EDTL840

EDEM614 Assessment for Learning

30 Points 0.2500 EFTS

This course seeks to promote the understanding and use of assessment for improving learning. Recognising the diversity of learners and education sectors, topics covered will include discussion of socio-cultural theories of assessment; narrative assessment approaches; national exemplars in special education, early childhood, primary and secondary settings and national assessment tools. There will be an opportunity for class members to pursue an assessment topic of their own interest.

P: Subject to approval of the Head of School

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

EDEM614-22S2 (D) Semester 2**EDEM615 Learning and Teaching Languages**

30 Points 0.2500 EFTS

Participants will gain a comprehensive overview of current thinking about instructed language learning and the ability to judiciously plan for, and deliver research-informed language courses for a variety of settings and learners. This course will also include insights into the practical aspects of language teaching, including the teaching of listening, speaking, reading and writing skills.

P: Subject to approval of the Head of School.

R: EDEM681 (note this is between 2014-2015 only)

Domestic Fee: \$1,905 (2021)

International Fee: \$8,000 (2021)

EDEM615-21SU2 (C) Summer (Nov 21)**EDEM615-21SU2 (D) Summer (Nov 21)****EDEM617 Enhancing Reading Development in Young Children at Risk**

30 Points 0.2500 EFTS

This course will focus on teaching students methods to enhance reading development in young children at risk of literacy difficulty. A major element of the course will examine the provision of effective phonological awareness intervention in individual, small-group and classroom settings. Practical sessions will be used to demonstrate the effective teaching strategies covered in the course content. This course would be suitable for teachers, early childhood educators, literacy specialists and speech-language therapists looking to promote early literacy success for all children.

P: Subject to approval of the Head of School

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

EDEM617-22S1 (D) Semester 1**EDEM618 Dyslexia: Identification and Intervention**

30 Points 0.2500 EFTS

The aim of this course is to provide the students with an understanding of dyslexia as it relates to educational practice. Identifying procedures will be covered, which will provide the student with an understanding of the main characteristics associated with dyslexia. This will also cover theories of causes of dyslexia and literacy problems, as well as ways of differentiating dyslexia from other learning difficulties. This background will be used to cover some of the methods that have been used to overcome some of the learning problems related to dyslexia.

P: Subject to approval of the Head of School

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

EDEM618-22S2 (C) Semester 2**EDEM618-22S2 (D) Semester 2****EDEM620 Inclusive and Special Education**

30 Points 0.2500 EFTS

This course provides students with advanced knowledge and understanding of inclusive and special education history, philosophy, policy and practice. The course will examine the historical development of inclusive and special education at global, regional and local levels. Philosophies and theories underpinning inclusive and special education policies and practices will be investigated. Students will research and critically evaluate aspects pertaining to current and past practices, theories and debates in the field.

P: Subject to approval of the Head of School

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

EDEM620-22S1 (D) Semester 1**EDEM620-22S1 (C) Semester 1****EDEM622 Teaching and Learning in Inclusive Settings**

30 Points 0.2500 EFTS

This course examines the theoretical and practical aspects of teaching and learning in inclusive settings. Students will examine and critique current teaching and learning theory and practices as they pertain to inclusive and special education. Students will gain knowledge of and skills in a range of inclusive teaching and learning practices and processes within a framework of Universal Design for Learning.

P: Subject to approval of the Head of School

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

EDEM622-22S2 (D) Semester 2**EDEM622-22S2 (C) Semester 2****EDEM624 Autism Spectrum Disorders**

30 Points 0.2500 EFTS

The aim of this course is to examine Autism Spectrum Disorders (ASD) with a particular emphasis on educational issues and implications. The course includes an exploration of the features and characteristics of ASD and a critical review of principles, practices, issues and research related to successful educational inclusion for children and young people with ASD.

P: Subject to approval of the Head of School

R: EDSN766, EDTL866

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

EDEM624-22S1 (D) Semester 1**EDEM626 Implementing Computational Thinking in the Curriculum**

30 Points 0.2500 EFTS

Not offered in 2022

The Technological area of Computational Thinking was introduced to the New Zealand Curriculum and Te Marautanga o Aotearoa for primary and secondary schools and kura in 2018.

This course is designed to equip participants to teach relevant Computational Thinking topics to students in schools and kura, from primary school to NCEA. Each of the main topics will be critically examined in terms of pedagogical and subject knowledge while at the same time developing teachers' understanding of theoretical perspectives of Computational Thinking. Participants will develop through investigating theories and practices in Digital Technologies education and industry. A key component is an individual research project to develop, implement and critically evaluate a resource to develop students' computational thinking. The course does not cover teaching of computer programming or learning to program a computer.

P: Subject to approval of the Head of School.

EDEM628 Designing for effective learning in digital education

30 Points 0.2500 EFTS

This course will engage students in authentic learning experiences as they explore an educational challenge in their own context. Drawing on design-based research the course engages with theories, models and processes for instruction and learning design, and explores concepts around learner experience design and design thinking to understand and develop effective digital practices and learning design solutions. As a community of practice, students help guide the course focus, through identification and presentation of relevant issues in their own education or training contexts before carrying out an independent project to enhance both their professional practice and the theoretical understandings of digital education. Given the authentic learning focus, the course is suitable for educators in all phases of education and training, including early childhood, schools and industry training and community organisations.

P: Subject to approval of the Head of School
 R: EDTL894
 Domestic Fee: \$1,937 (2021)
 International Fee: \$8,250 (2021)
EDEM628-22S2 (D) Semester 2

EDEM630 Leading Change in Digital Education

30 Points 0.2500 EFTS

As societies shift towards the age of digitalisation, digital education leadership is becoming a growing concern for students, educators and policy makers. This course is designed to study the role of 'change agents' in digital education, including teachers and trainers as change agents. Students will explore current issues that are affecting the digital world and reflect on their influence on education and training. Through exploring models of leadership and change, and critical reflection on their own experiences, the course aims to help each student develop as a digital education leader. Students will lead online seminars, conduct field observation and engage in project work to prompt and understand change within their own contexts in an evolving, digitally mediated society.

P: Subject to the approval of Head of School
 Domestic Fee: \$1,937 (2021)
 International Fee: \$8,250 (2021)

EDEM630-22S1 (D) Semester 1

EDEM631 Foundations of Language Acquisition and Learning

30 Points 0.2500 EFTS

This course extends the professional knowledge-base of educational professionals through the examination of the main theories of first and second language acquisition, examining the linguistic, psychological and social processes that underlie language(s) learning and use.

P: Subject to approval by the Head of School.
 Domestic Fee: \$1,937 (2021)
 International Fee: \$8,250 (2021)

EDEM631-22S1 (C) Semester 1

EDEM631-22S1 (D) Semester 1

EDEM633 Digital pedagogies for enhanced learning

30 Points 0.2500 EFTS

Participants will gain a comprehensive overview of the field of technology-enhanced learning and develop an ability to select, evaluate and create digital tools in a variety of digital education contexts. This course explores the evolution of digital education, and the impact digital technology has on learning practice and theories. Drawing on theories of affordances, students learn about the opportunities and constraints of a wide variety of digital tools, and materials, and how they can be used in a pedagogically appropriate way to enhance learning. Focusing on digital pedagogies the course will enable participants to learn about how best they can use digital tools for teaching and learning in a particular context.

P: Subject to approval of the Head of School
 Domestic Fee: \$1,937 (2021)
 International Fee: \$8,250 (2021)

EDEM633-22S2 (D) Semester 2

EDEM637 Distributing Leadership Through Coaching and Mentoring

30 Points 0.2500 EFTS

This course explores and applies the theoretical and practical bases of supporting others in developing their professional roles, responsibilities and expertise. It is suitable for those who have coaching and mentoring roles with new and existing members of staff and recognise the need to complement specialist knowledge with professional learning and development strategies.

P: Subject to approval of the Head of School
 R: EDTL821
 Domestic Fee: \$1,937 (2021)
 International Fee: \$8,250 (2021)

EDEM637-22S1 (D) Semester 1

EDEM638 Teachers as Leaders

30 Points 0.2500 EFTS

This course is designed to encourage new and aspiring teacher leaders (within named roles or without) to explore and develop strategies for leading curriculum change. The course will involve critical reflection on teacher leadership models that create and sustain effective curriculum practices. The course will be presented in two sections: Leadership by teachers; and theories and approaches to leadership of change. The research component requires an analysis of a professional learning conversation to establish the current coaching and mentoring skillset.

P: Subject to approval of the Head of School
 R: EDTL841
 Domestic Fee: \$1,937 (2021)
 International Fee: \$8,250 (2021)

EDEM638-22S2 (D) Semester 2

EDEM641 Educational Leadership and the Law in New Zealand

30 Points 0.2500 EFTS

This course examines the intersection between education and the law in New Zealand. It combines legal theory with practical legal challenges that education professionals may

encounter. The course assumes no prior legal training, addresses contemporary challenges and covers areas such as statutory interpretation, judicial review, employment law and privacy law, as well as issues relating to school discipline and child protection. There is scope for students to research in an area of education law that is of interest to them.

P: Subject to the approval of the Head of School
 Domestic Fee: \$1,937 (2021)
 International Fee: \$8,250 (2021)

EDEM641-22S2 (D) Semester 2

EDEM649 Te Tiriti o Waitangi i te Ao Mātauranga

30 Points 0.2500 EFTS

This course is taught in Te Reo Māori. It will enable teachers and educators to gain a sound knowledge of the Treaty of Waitangi, its role in the history of New Zealand and its implications for theory and practice in learning communities today. In the course students will select a nominated area of study which will enable them to align Māori and bicultural principles to current policies and practices. Students will critically analyse the context of their practice and prepare a strategic plan which meets the needs of Māori and non-Māori in relation to the treaty partnership in their educational settings.

P: Subject to approval of the Head of School
 R: EDTL826

Domestic Fee: \$1,937 (2021)
 International Fee: \$8,250 (2021)

EDEM649-22S2 (C) Semester 2

EDEM650 Educational Philosophy and Policy

30 Points 0.2500 EFTS

This course will be of interest to anyone who has pondered the nature and purpose of education and considered its significance in building better worlds. With a central theme of 'utopia and education', the course encourages students to address questions such as these: What is education for and why does it really matter? How can education contribute to a more meaningful and worthwhile life? What should we seek to know and why? What social ideals should we seek to uphold, and what are some of the impediments to the pursuit of these ideals? The course will draw on literary works and the visual arts as well as more traditional educational and philosophical sources. Students will have the opportunity to apply insights from the course to policy contexts, and to explore the implications of educational theory for professional practice and everyday life.

P: Subject to the approval of Head of School
 R: EDUC414

Domestic Fee: \$1,937 (2021)
 International Fee: \$8,250 (2021)

EDEM650-22S2 (C) Semester 2

EDEM650-22S2 (D) Semester 2

EDEM651 Re-examining Education Early Years and Beyond

30 Points 0.2500 EFTS

This course introduces students to critiques of education in the early years and beyond. It uses postmodern theories to analyse research, practices and contexts in a range of educational contexts. This course is offered alternative years (even years).

P: Subject to approval of the Head of School
 Domestic Fee: \$1,937 (2021)
 International Fee: \$8,250 (2021)

EDEM651-22S1 (D) Semester 1

EDEM653 Meeting the needs of students with literacy difficulties

30 Points 0.2500 EFTS

This course provides advanced study into the variety of literacy learning difficulties that learners may present with from school entry through to adulthood. It examines the theory and research that informs how these difficulties are understood in the current educational context with a focus on identifying and supporting students with literacy learning difficulties.

P: Subject to approval of the Head of School
 Domestic Fee: \$1,937 (2021)
 International Fee: \$8,250 (2021)

EDEM653-22S2 (D) Semester 2

EDEM656 Rautaki Whakaako Reo

30 Points 0.2500 EFTS

This course will explore, develop and critically assess communicative teaching and learning methodologies and strategies for a range of learners and learning styles in Māori bilingual and immersion settings. Students will explore and critique international models and practices in first and second language teaching and assessment. Students will design effective language programmes and assessments practices appropriate to age group and language experiences of learners, inclusive of Māori values and cultural practices. Note: This course will be taught through the medium of te reo Māori.

P: Subject to approval of the Head of School
 R: EDHP701
 Domestic Fee: \$1,937 (2021)
 International Fee: \$8,250 (2021)

EDEM656-22X (C) 25 Apr 2022 - 17 July 2022

EDEM657 Whakaora Reo-Language Revitalisation

30 Points 0.2500 EFTS

Students will critically examine the historical repression of the Māori language/indigenous languages and the growth of language revitalisation movements in the twentieth century. They will review the key educational and Māori development drivers in Māori/iwi led movements: Kōhanga Reo, Kura Kaupapa Māori, Wharekura, wananga and bilingual/immersion programmes. They will assess the role that teachers can play in creating and shaping communities of language learners and develop appropriate strategic plans. Note: This course will be taught through the medium of Māori.

P: Subject to approval of the Head of School

R: EDHP702, MAOR427, TREO405

EQ: TREO405

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

EDEM657-22S2 (C) Semester 2**EDEM658 Mātauranga Māori Hei Marautanga**

30 Points 0.2500 EFTS

This course is taught through te reo Māori. It will critically examine Mātauranga Māori: Māori ways of knowing and engaging with their environment in traditional and contemporary contexts as a means of developing a Kaupapa Māori based curriculum. Māori knowledge systems are valued and central to curriculum development. Students will also compare and contrast other indigenous epistemologies as frameworks for curriculum development in educational settings. There will be a strong emphasis on Te Wai Pounamu contexts and content and students will work in partnership with selected Māori and marae communities to investigate, report and apply Mātauranga Māori in the development of curriculum materials and teaching resources.

P: Subject to approval of the Head of School

R: EDHP705

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

EDEM658-22X (C) 31 Jan 2022 - 03 Apr 2022**EDEM659 Advancing Pasifika Educational Success**

30 Points 0.2500 EFTS

This course examines advances in Pasifika Education in Aotearoa/New Zealand. Students will engage with a range of relevant research to critique and analyse Pasifika educational pedagogy, practices and policy formation. The course will include the perspectives of Pasifika learners, parents, teachers, communities and academics.

P: Subject to the approval of the Head of School

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

EDEM659-22S1 (C) Semester 1**EDEM659-22S1 (D) Semester 1****EDEM660 Te Ngao ki Hawaiki**

30 Points 0.2500 EFTS

Mā te reo Māori ngā mahi a te karaehe nei e kawe ai i ngā kaupapa ako ka wānangahia nei e tātou. Ko te whāinga matua ko te ako i te reo kōrero, te reo tuhituhi ka tahi, ka rua ko te āta whakaaro he aha kē te wairua o te reo Māori me pupuri tonutia nei. Ka tiro tātou ki ngā korero tuku iho pēnei i te whakatauki, kiwaha me ērā momo o te reo. Ko tōna whāinga matua kia āta whāwhā i te hōhonutanga o te whakaaro me ōna tohutohu mō te ao e noho nei tātou. Ka tiro anō hoki tātou ki ngā kaupapa tikanga, ngā whakapono a te Māori, ngā mihi me ngā poroporoaki, ērā āhuatanga katoa o te reo Māori.

P: Subject to the approval of the Head of School

R: TREO401

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

EDEM660-22S1 (C) Semester 1**EDEM665 Teaching Computer Programming**

30 Points 0.2500 EFTS

This course aims to equip participants to teach programming as part of the Digital Technology learning area and Hangarau Matihiko curriculum, including NCEA. The Technological area of Computational Thinking for digital technologies was introduced into the New Zealand Curriculum and Te Marautanga o Aotearoa for primary and secondary schools and kura in 2018. Students will explore what computer programming is, and various approaches to teaching it. Students are normally primary and secondary teachers, or those who lead the services for such students including professional development of teachers. They will develop research skills and investigate theories and practices in programming education. A key component is an individual research project to develop, implement and critically evaluate their teaching of programming. Although this course does not teach students to program, it can extend students' programming skills.

P: Subject to approval of the Head of School.

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

EDEM665-22S1 (C) Semester 1**EDEM666 Foundations of Positive Behaviour Support**

30 Points 0.2500 EFTS

Not offered in 2022

In this course students will describe and critique concepts and principles underlying positive behaviour support and models for providing behaviour support and intervention to children, adolescents and adults living in Aotearoa New Zealand.

P: Subject to the approval of the Head of School

R: EDEM625

EDEM667 Application of Positive Behaviour Support

30 Points 0.2500 EFTS

Not offered in 2022

This course addresses the practical aspects of behaviour intervention and their application to children, adolescents and adults with additional needs or behaviour difficulties. Using positive behaviour and support interventions and approaches, students will gather data from their professional contexts and assess, plan, implement, and monitor evidence-based strategies for improving the learning and behaviour of children, adolescents and adults.

P: EDEM666

R: EDEM625

RP: Experience working in the education or health or social work disciplines and access to a suitable work environment to undertake the assessments.

EDEM668 The Learning Leader

30 Points 0.2500 EFTS

Participants will critically examine leadership theories in the research literature in order to justify their own approaches to leadership practice including the key features of Māori and Pasifika leadership practice. The course includes strategies for identifying learning needs as a leader and how to help others see potential for engaging in leadership work.

P: Subject to approval from the Head of Department.

R: EDEM634, EDEM639

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

EDEM668-22S1 (D) Semester 1**EDEM669 Leading and Managing Decision-Making in Organisations**

30 Points 0.2500 EFTS

Participants will engage with current thinking and practice around decision-making in organisations and will develop skill in identifying, critically evaluating and using diverse decision-making models. This course is designed for those who hold, or aspire to, positional leadership. Drawing on theories of organisational psychology, culture and change management, participants will solve an organisational problem, negotiating the dynamics of planned and unplanned change, and change resistance.

P: Subject to approval from the Head of Department.

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

EDEM669-22S1 (D) Semester 1**EDEM670 Leadership as Partnering: Moving Beyond Boundaries**

30 Points 0.2500 EFTS

Participants will explore national and global policy agendas on partnership in order to understand the role of leadership in creating and extending practice beyond organisational boundaries. Opportunities and challenges for, and consequences of, collaborative practices will be examined through policy, research and scholarly lenses and applied to participants' work contexts. The dynamic between networking and learning will be foregrounded to support the potential of multi-agency learning communities.

P: Subject to approval from the Head of Department.

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

EDEM670-22S2 (D) Semester 2**EDEM679 The Treaty of Waitangi in Community, Education and Health Settings**

30 Points 0.2500 EFTS

Not offered in 2022

This course emphasises the importance of Te Tiriti o Waitangi and underlines the value of place-consciousness approaches to the development of culturally-responsive strategies and programmes of work in various social services sectors.

P: Subject to the approval of the Head of School

R: EDEM688 (from 2010), EDEM649

EDEM680 Independent Study

30 Points 0.2500 EFTS

An independent course of postgraduate study on approved topics.

P: Subject to approval of the Head of School.

R: EDUC674

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

EDEM680-22A (D) Starts Anytime**EDEM680-22A (C) Starts Anytime**

EDEM683 Special Topic: Teaching practice and mathematical learning

30 Points 0.2500 EFTS

Not offered in 2022

The course provides a unique opportunity for primary school teachers to combine in-school professional learning in mathematics education with postgraduate study. The postgraduate course will complement the content, professional reading, classroom-focused activities and teacher inquiry led by Education Plus facilitators. The postgraduate course will extend teachers' understanding of the mathematical and pedagogical content knowledge required for teaching through a blend of face-to-face and online activities, a mixture of taught and independent study, and authentic assessment. This course is only available to teachers in schools where Mathematics PLD is offered by UC Education Plus.

P: Subject to approval of the Head of School

EDEM684 Special Topic: Assessment, Evaluation and Evidence Based Decision Making

30 Points 0.2500 EFTS

Not offered in 2022

This course has been designed to support teachers in developing and clarifying understanding about assessment practices, develop expertise in statistically analysing assessment data and make sound evidence based educational decisions leading to improvement in school and teacher effectiveness.

P: Subject to approval of the Head of School

EDEM685 Culturally Inclusive Pedagogies: Motivating Diverse Learners

30 Points 0.2500 EFTS

This course provides historical and advanced theoretical understandings of motivation and behaviour and their degree of relevance in diverse ecological settings. The course is premised on the belief that the most important issue underlying a culturally inclusive society is a willingness of people to be more aware, knowledgeable, and accepting of difference. The course is designed for students who wish to engage in promoting analyses and rigorous critique of socio-psychological theories and to apply strategies that emanate from those theories. Issues relating to Māori and indigenous ways of knowing and practising will be explored.

P: Subject to approval of the Head of School

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

EDEM685-22X (C) 14 Feb 2022 - 19 June 2022**EDEM690 MEd Thesis**

90 Points 0.7500 EFTS

P: Subject to approval of the Head of School.

R: EDTL904

Domestic Fee: \$5,415 (2021)

International Fee: \$24,750 (2021)

EDEM690-22A (C) Starts Anytime**EDEM690-22A (D) Starts Anytime***Part-time enrolment (0.4875 EFTS) is available on approval.***EDEM691 MEd Thesis**

120 Points 1.0000 EFTS

P: Subject to approval of the Head of School.

R: EDTL905

Domestic Fee: \$7,220 (2021)

International Fee: \$33,000 (2021)

EDEM691-22A (C) Starts Anytime**EDEM691-22A (D) Starts Anytime****EDEM693 Introduction to Methodologies and Ethics in Educational Research**

15 Points 0.1250 EFTS

Not offered in 2022

The course is an introduction to frameworks for thinking about research, ethical considerations required for planning research and the ethical approval process. The course provides students with opportunities to identify appropriate research issues and to formulate research questions. This course supports students' critical reading of research and decisions made in planning research. A range of methodologies and methods of educational research are introduced.

P: Subject to the approval of the Head of School

R: EDUC459, EDUC659, EDTL801

EDEM694 Quantitative Research In Education

15 Points 0.1250 EFTS

Not offered in 2022

This course provides postgraduate training in educational research methods. The course covers the various research methodologies used in education that involve quantitative data (from experiments to surveys, single-subject designs to group interventions) and provides a background to related statistical analytic procedures. The course will familiarise students with those concepts and assumptions underlying such educational research and provide education-based examples to support understanding. The aims of the course are to bring the student to the point

where they have the basic skills/knowledge to interpret most quantitative research papers, as well as the background to undertake thesis-level work that includes quantitative research.

P: Subject to the approval of the Head of School

R: EDTL801, EDUC660

EDEM697 Qualitative Research in Education, Health, and Human Development

15 Points 0.1250 EFTS

Not offered in 2022

This course gives students both theoretical tools and practical experience in the design and implementation of qualitative research. Students will learn how to describe, apply and critique strategies for qualitative data collection and data analysis. Students will identify and discuss ethical issues in qualitative research, including suggestions for researching ethically throughout the process of data collection, analysis and reporting. The course prepares students to write the methodology (and methods) section of a research proposal suitable for a thesis. This course is offered alternate years (odd years).

P: Subject to the approval of the Head of School

R: EDUC459, EDUC659, EDTL801

EDEM698 Emergent Research Methodologies

15 Points 0.1250 EFTS

Not offered in 2022

Emergent research methodologies address approaches to research where the researcher is active in the context of the research, as well as in the design and analysis of the research. In many cases other participants also become co-researchers and knowledge is generated iteratively. In some cases, knowledge is generated by the community with the researcher as their agent.

P: Subject to the approval of the Head of School

EDMI317 Rangahau Māori (Special interest research paper).

15 Points 0.1250 EFTS

The Rangahau Māori, special interest paper encourages akonga to investigate a facet of tikanga Māori, te reo Māori or te ao Māori that they have a passion for or special interest in. This research paper empowers akonga to learn about kaupapa Māori theories and methodologies and embed these in their research. The delivery of this paper will be mostly self-directed, although two wananga (2x block days) will be a part of the course so that individual guidance and support can be offered to akonga pertaining to their research area.

P: Subject to approval of the Head of School

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

EDMI317-22X (C) 11 July 2022 - 13 Nov 2022*Limited entry. See limitation of entry regulations.***EDMT601 Teaching and Learning in Aotearoa New Zealand**

15 Points 0.1250 EFTS

Not offered in 2022

This course provides the foundational constructs and principles for teaching and learning within the socio-political, cultural and historical context of the New Zealand education system. Students will systematically and critically engage with developmental, philosophical, ethical, professional and policy frameworks related to current educational issues that support inclusive and culturally responsive educational settings for diverse learners, while critically examining their own values, beliefs, attitudes and knowledge. The course includes a community-based learning experience in a non-school setting, as well as a Treaty of Waitangi workshop and a Nohu Marae experience relating to education in the 21st century.

EDMT602 Toward Māori Success: Presence, Engagement and Achievement

15 Points 0.1250 EFTS

The course explores theoretical notions specific to identity, culture, knowledge, evidence and pedagogy, providing a critical approach to understanding the enablers of educational success for Māori learners in contemporary Aotearoa New Zealand. Pre-service teachers will be encouraged to critically reflect on the significance of the Treaty of Waitangi principles in the broader education sense. Kaupapa Māori worldview perspectives will be drawn on by way of a series of frameworks to inform the threads of culturally responsive principles and strategies for action.

P: EDMT601.

RP: Previous and/or concurrent engagement with Te Reo Māori

Domestic Fee: \$969 (2021)

International Fee: \$4,125 (2021)

EDMT602-22X (C) 07 Feb 2022 - 06 Nov 2022**EDMT603 Creating Inclusive Learning Environments for Diverse Learners**

15 Points 0.1250 EFTS

This course establishes the theoretical framework and research base for inclusive practices in classrooms and schools. Pre-service teachers will critically examine, apply and evaluate models and practices that enable the development of engaging, inclusive environments for all students and that build meaningful partnerships with families and whānau, and with other professionals.

P: EDMT601

Domestic Fee: \$969 (2021)

International Fee: \$4,125 (2021)

EDMT603-22X (C) 07 Feb 2022 - 06 Nov 2022

EDMT604 Inquiry and Evidence-based Practice for Inclusive Learning Contexts 1

30 Points 0.2500 EFTS

Not offered in 2022

This course supports students with the development of an evidence-based approach to teacher inquiry through iterative cycles of self-reflection on and refinement of their own professional and pedagogical understandings and practices. Students continue their systematic engagement in critical reflection on their beliefs, attitudes, knowledge and practices through linking theory with embedded professional experiences, in order to deepen their awareness of the way the two interact to shape the teaching and learning processes.

P: EDMT601

C: EDMT611 or EDMT621 or EDMT631

EDMT605 Inquiry and Evidence-based Practice for Inclusive Learning Contexts 2

30 Points 0.2500 EFTS

This course extends students' professional and pedagogical understandings, knowledge and skills through refinement and expansion of the evidence-based inquiry cycle process begun in prior programme coursework and learning experiences. Students will synthesise research-informed and experience-based knowledge in critical examination of their own and others' emerging professional and pedagogical practices.

P: EDMT604

C: EDMT612 or EDMT622 or EDMT632

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

EDMT605-22X (C) 04 July 2022 - 06 Nov 2022**EDMT611 Curriculum, Pedagogy and Assessment in Primary Contexts 1: Engaging Diverse Learners in NZC**

30 Points 0.2500 EFTS

Not offered in 2022

The course explores the development of pedagogical content knowledge, including evidence-based approaches to curriculum design and implementation within the context of the New Zealand curriculum. The course will focus on literacy, mathematics and science as enablers of curriculum engagement for all learners. Embedded practice experiences will occur throughout the course to ensure that students will engage in iterative cycles of reflection and refinement of curriculum development and implementation.

P: EDMT601

C: EDMT604

EDMT612 Curriculum, Pedagogy and Assessment in Primary Contexts 2: Engaging Diverse Learners in NZC

30 Points 0.2500 EFTS

The course continues to explore the development of pedagogical content knowledge, including evidence-based approaches to curriculum design and implementation within the context of the New Zealand curriculum. The course will focus on Future Focused (Science, Technology and Digital Literacies), Community-based (Health, Physical Education, Social Sciences and Learning Languages) and the Arts (Dance, Drama, Music and Visual Arts) learning areas as enablers of curriculum engagement for all learners. Embedded practice experiences will occur throughout the course to ensure that students will engage in iterative cycles of reflection and refinement of curriculum development and implementation.

P: EDMT611

C: EDMT605

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

EDMT612-22X (C) 04 July 2022 - 06 Nov 2022**EDMT621 Curriculum, Pedagogy and Assessment in Secondary Contexts 1: Engaging Diverse Learners in NZC**

30 Points 0.2500 EFTS

Not offered in 2022

Initial teacher education (secondary) students are introduced to, and critically engage with, the New Zealand Curriculum (NZC). They examine the research and evidence base for how adolescents learn and pedagogical and assessment practices that support learning for diverse students in particular subject areas. In their course work and embedded teaching practice experiences, pre-service teachers apply knowledge and skills to plan, evaluate and refine teaching and learning sequences. Pre-service teachers examine 'puzzles of practice' relating to teaching and learning in subject contexts, focusing on learners in Years 7 to 10.

P: EDMT601

C: EDMT604

EDMT622 Curriculum, Pedagogy and Assessment in Secondary Contexts 2: Engaging Diverse Learners in NZC and NCEA

30 Points 0.2500 EFTS

Initial teacher education (secondary) students critically engage with the New Zealand Curriculum (NZC) and the New Zealand national qualification for secondary schools, the National Certificate for Educational Achievement (NCEA). They examine 'puzzles of practice' related to teaching, learning and assessment within subject contexts, focusing on the learning needs of diverse students and schooling Years 11 to 13. Embedded teaching practice experiences provide opportunities for pre-service teachers to design and evaluate planning for learning and to use assessment evidence to refine teacher planning and classroom curriculum design.

P: EDMT621

C: EDMT605

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

EDMT622-22X (C) 04 July 2022 - 06 Nov 2022**EDMT631 Curriculum, Pedagogy and Assessment in Early Childhood Contexts 1: Engaging Diverse Learners in the early year's curriculum Te Whariki**

30 Points 0.2500 EFTS

Not offered in 2022

The course explores the development of pedagogical knowledge and pedagogical content knowledge, including evidence-based approaches to curriculum design and implementation within the context of Te Whariki and the New Zealand curriculum. Embedded practice experiences will occur throughout the course to ensure that students will engage in iterative cycles of reflection and refinement of curriculum development, implementation and evaluation.

P: EDMT601

C: EDMT604

EDMT632 Curriculum, Pedagogy and Assessment in Early Childhood Contexts 2: Engaging Diverse learners in the early year's curriculum Te Whariki

30 Points 0.2500 EFTS

Not offered in 2022

The course continues to explore the development of pedagogical knowledge and pedagogical content knowledge, including evidence-based approaches to curriculum design and implementation within the context of the Te Whariki curriculum in the early years. The course will focus on Future Focused education (Multiple Literacies), Culture and Community-based (temporal/physical/emotional/spiritual wellbeing, socio-cultural theories and print/oral literacies) and the Arts (Dance, Drama, Music and Visual Arts) themes and learning areas as enablers of curriculum engagement for all learners. Embedded practice experiences will occur throughout the course to ensure that students will engage in iterative cycles of reflection and refinement of curriculum development, implementation and evaluation.

P: EDMT631

C: EDMT605

TECE105 Integrated Curriculum/ Ako and Whanaungatanga

15 Points 0.1250 EFTS

This course provides initial teacher education students with the knowledge of the central role of relationships in children's learning. The course will give an introduction to current theoretical debates related to early childhood curricula, investigating what is meant by the term 'curriculum'. Through the course students will develop their knowledge and understanding of the influence of early childhood curriculum document(s) in the context of Aotearoa New Zealand and the notion of learning through play and the importance of relationships in achieving this. The course aims to bring students to an understanding of how a range of domains can be brought together through a holistic and integrated approach to create meaningful learning experiences for children.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TECE105-22YC2 (C) Year C Second Half**TECE105-22YC2 (D) Year C Second Half****TECE106 Rethinking Infants and Toddlers/Te Kohungahunga**

15 Points 0.1250 EFTS

This course will introduce and explore a variety of early childhood educational contexts and philosophies to demonstrate teaching and learning experiences and practices for infants, and toddlers, with their families and whānau.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TECE106-22YC1 (C) Year C First Half**TECE106-22YC1 (D) Year C First Half****TECE205 Negotiated, co-constructed curriculum: The multiple languages of children**

15 Points 0.1250 EFTS

This course will examine the multiple languages of children within the negotiated, co-constructed early childhood curriculum of the Aotearoa New Zealand bicultural context. Students will consider the role of intentional teaching in planning for and facilitating possibilities and opportunities for multiple language experiences. Affordances and constraints for learning within the environment, and building confidence in students to listen to infants, toddlers and young children, and promote these experiences will be the foci of this course.

P: TECE105

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TECE205-22S2 (C) Semester 2**TECE205-22S2 (D) Semester 2**

TECE356 Social and Cultural Studies 2

15 Points 0.1250 EFTS

This course examines the role of early childhood professionals as advocates for children and families. Students will consider the parliamentary process, legislation and policy, and issues related to advocacy and children's rights.

P: TECE355

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TECE356-22S2 (D) Semester 2**TECE358 Curriculum Design**

15 Points 0.1250 EFTS

This course covers principles of learning and assessment in a sociocultural framework. It will build student understanding in relation to documentation for learning, planning and implementation in a pedagogy of play. Students will apply documentation for learning, analyse the learning and facilitate curriculum experiences for infants, toddlers and young children. They will critically reflect on their role in relation to assessment and planning. The course will provide opportunities for students to critically reflect on assessment policy and practice in New Zealand early childhood settings.

P: TECE364

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TECE358-22YA2 (C) Year A Second Half**TECE358-22YA2 (D) Year A Second Half****TECE359 Te Reo me ngā Tikanga Māori**

15 Points 0.1250 EFTS

This course will develop students' competence in oral and written te reo Māori, their understanding of Māori concepts and tikanga Māori as a foundation for working in early childhood and an understanding of second language acquisition approaches in order that they can apply these appropriately in an early childhood context.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TECE359-22YA (C) Full Year A**TECE359-22YA (D) Full Year A****TECE361 Holistic development, learning and culture**

15 Points 0.1250 EFTS

This course provides the opportunity for students to make sense of their image of the child and to apply this to their practice. Students will debate the differences between a range of indigenous and western paradigms of learning and development. This will allow students to develop their own position in relation to decision making alongside current policy and practice.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TECE361-22YA (C) Full Year A**TECE361-22YA (D) Full Year A****TECE362 Curriculum for infants and toddlers**

15 Points 0.1250 EFTS

This course introduces and explores a variety of early childhood educational contexts, philosophies and approaches. These will inform students as they work alongside family and whānau to provide teaching and learning experiences for infants and toddlers.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TECE362-22YA1 (C) Year A First Half**TECE362-22YA1 (D) Year A First Half****TECE364 Pedagogy of Play**

15 Points 0.1250 EFTS

This course provides students with the knowledge of the central roles of relationships and play in children's learning. The course will give an introduction to current theoretical debates related to early childhood curricula. Through the course students will develop their knowledge and understanding of early childhood curriculum document(s) in the context of Aotearoa New Zealand and apply this to their practice. The course aims to bring students to an understanding of how a range of domains can be brought together through a holistic and integrated approach to create meaningful learning experiences for all children.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TECE364-22YA1 (C) Year A First Half**TECE364-22YA1 (D) Year A First Half****TECE365 The Intentional Teacher**

15 Points 0.1250 EFTS

This course will examine the concept of intentional teaching with a particular focus on social justice in the Aotearoa New Zealand bicultural context. Students will consider the ways in which deliberate, thoughtful pedagogy contributes to children's collaborative learning. Students' confidence in negotiating and co-constructing curriculum with children will be developed.

P: TECE364

R: TECE356

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TECE365-22YA2 (D) Year A Second Half**TECE365-22YA2 (C) Year A Second Half****TECM101 Te Reo me ngā Āhuatanga Māori 1**

15 Points 0.1250 EFTS

This course provides current and aspiring early-childhood and primary teachers an introduction to te reo Māori me ona tikanga appropriate for use in learning contexts and educational settings.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TECM101-22SU1 (D) Summer (Jan 22)**TECM101-22YC1 (C) Year C First Half****TECM101-22YC1 (D) Year C First Half****TECM201 Te Reo me ngā Āhuatanga Māori 2**

15 Points 0.1250 EFTS

This course builds upon your growing competence and confidence in becoming an ethical bicultural teacher in Aotearoa New Zealand. Te Tiriti o Waitangi plays a significant role within the teaching profession; this course provides akonga with opportunities to navigate the relationships of our country's founding document, Tangata Whenuatanga pedagogies and their relevance to Early Childhood Education and Primary teaching contexts. The continual strengthening of te reo Māori applications and Tikanga Māori articulations are essential features of this course; these provide robust foundations towards implementing bicultural curricula for the early childhood and primary sectors. Ways of doing or Tikanga Whakaako in language learning allows akonga to reflect on their own language acquisition strategies and make relevant associations to key theories and/or principles of Second Language (L2) Acquisition.

P: TECM101

R: TEPI220 and TEPI221

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TECM201-22YC1 (C) Year C First Half**TECM201-22YC1 (D) Year C First Half****TECM301 Te Reo me ngā Āhuatanga Māori 3**

15 Points 0.1250 EFTS

To enact Te Tiriti o Waitangi as a living and relevant doctrine the teaching profession need to step up their capacity. Kaiako need to be equipped with a Te Tiriti o Waitangi skill set that they can articulate, apply, plan for, evaluate and modify comfortably and confidently. Key areas of interest for this course will support kaiako to: 1. Critique issues of power, pedagogy and policy implications for the advancement of: -te reo Māori, so that it not only survives but thrives; -tikanga Māori direct application of theory to practice; and -Māori education positive outcomes for the teaching profession Te reo Māori is the terralingua of Aotearoa New Zealand this course supports the continual advancement of te reo Māori competence and language planning. Language portrays a culture and culture that portrays a language this is a core principle of language acquisition and one that is needed to articulate why we do what we do in relation to Tikanga Māori. Tikanga Māori applications will be critically analyzed across a range of curriculum areas within the ECE setting.

P: TECM201

R: EDM1363, TECE301

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TECM301-22YC1 (C) Year C First Half**TECM301-22YC1 (D) Year C First Half****TECP112 Theoretical Foundations of Literacy**

15 Points 0.1250 EFTS

This is a 100 level compulsory BTchLn (Primary) course which focuses on the assessment and facilitation of foundational skills for literacy success (oral language, phonological awareness and letter-sound knowledge) within the New Zealand classroom. Students will learn to apply their knowledge of these skills to the assessment and teaching of reading and writing. The course links the New Zealand Curriculum (2007), theoretical underpinnings and research base to the oral and written language assessment and teaching strategies explored. The knowledge and use of writing conventions within a professional context are also explored.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TECP112-22YC1 (C) Year C First Half**TECP112-22YC1 (D) Year C First Half****TECP113 The Arts in the NZ Curriculum**

15 Points 0.1250 EFTS

This course provides pre-service teachers with an introduction to the theory, and pedagogy of teaching Music, Visual Arts, and Dance and Drama in the New Zealand primary school context. The course develops the knowledge, skills and attitudes needed to successfully plan, teach and evaluate the Arts learning areas in the New Zealand Curriculum (2007). The course also aims to prepare students for further study in higher-level course and will complement learning in other courses in the Bachelor of Teaching and Learning, including Professional Practice.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TECP113-22YC2 (C) Year C Second Half**TECP113-22YC2 (D) Year C Second Half**

TECP122 Introduction to Mathematics Education

15 Points 0.1250 EFTS

This course provides pre-service teachers with an introduction to theories and pedagogies for teaching Mathematics in the New Zealand primary school context. The course introduces knowledge, skills and attitudes needed to successfully plan, teach and evaluate the Mathematics and statistics learning areas of the New Zealand Curriculum (2007). The course also aims to prepare students for further study in higher-level courses and will complement learning in other courses in the Bachelor of Teaching and Learning, including Professional Practice.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TECP122-22YC2 (C) Year C Second Half**TECP122-22YC2 (D)** Year C Second Half**TECP202 Language, Social and Cultural Studies**

15 Points 0.1250 EFTS

This course introduces contemporary thinking related to cultural studies, language teaching and learning, and social science education in the revised New Zealand Curriculum (2007). The course develops the knowledge, confidence, skills, attitudes and dispositions needed to successfully plan, teach and evaluate programmes in Learning Languages, Social Sciences and ESOL, and provides a theoretical and practical framework for responsive teaching that takes account of the diverse backgrounds of children in New Zealand primary school community contexts. Students will be introduced to resources, pedagogical strategies and approaches appropriate to teaching Social Sciences and Languages (including English as a Second Language, NZSL, te reo Māori and other languages). The course will complement learning in other courses in the Bachelor of Teaching and Learning, including Professional Practice.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TECP202-22YC1 (C) Year C First Half**TECP202-22YC1 (D)** Year C First Half**TECP212 Effective Classroom Practices in Literacy and Mathematics**

15 Points 0.1250 EFTS

This compulsory course provides pre-service teachers with consolidation and further development of the theory and pedagogy of literacy and mathematics education. The course develops the knowledge, skills and attitudes needed to successfully plan, teach and evaluate the English and Mathematics & Statistics learning areas in the New Zealand Curriculum (2007). This course develops an understanding of how to identify all children's literacy needs (with a focus on reading and written language) and builds on understandings of mathematics and statistics developed in a 100 level course. This includes the processes/procedures for planning and implementing effective programmes to meet diverse needs. There is a focus on the Number and Algebra strand with particular emphasis on Levels 3 and 4. The course also aims to prepare students for further study in higher-level courses and will complement learning in other courses in the Bachelor of Teaching and Learning, including Professional Practice.

P: TECP112 and TECP122.

R: TECP220, TECP210

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TECP212-22S2 (C) Semester 2**TECP212-22S2 (D)** Semester 2**TECP222 Health and Physical Education Curriculum**

15 Points 0.1250 EFTS

This course provides pre-service teachers with an introduction to the theory, and pedagogy of teaching Health and Physical Education in the New Zealand primary school context. The course develops the knowledge, skills and attitudes needed to successfully plan, teach and evaluate the Health and Physical Education learning area in the New Zealand Curriculum (2007). The course also aims to prepare students for further study in higher-level course and will complement learning in other courses in the Bachelor of Teaching and Learning (Primary) including Professional Practice.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TECP222-22S2 (C) Semester 2**TECP222-22S2 (D)** Semester 2**TECP223 Science and Technology Education: Nature and Practice**

15 Points 0.1250 EFTS

This is a compulsory course that will introduce students to Science and Technology Education: Nature and Practice. Science and Technology are two of the eight essential learning areas of the New Zealand Curriculum (2007). This course will be structured using the PITER framework (Techlink 2010). Students will develop understandings of the philosophy (What is Science and Technology?), rationale (Why teach them?), curriculum content (What is their place in the New Zealand curriculum?) and implementation (How are they taught?) in the classroom (<http://www.techlink.org.nz/PITER-framework/index.htm>). The course also aims to prepare students for further study in higher-level course and will complement learning in other courses in the Bachelor of Teaching and Learning (Primary) including Professional Practice.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TECP223-22YC1 (C) Year C First Half**TECP223-22YC1 (D)** Year C First Half**TECP313 Literacy and Mathematics Education for All**

15 Points 0.1250 EFTS

This course provides pre-service teachers with a final compulsory opportunity to extend their learning about the theory, and pedagogy of literacy and mathematics education in the New Zealand primary school context. The course extends previous knowledge about planning, teaching and evaluating programmes for the literacy and mathematics classroom. The English and Mathematics and Statistics learning areas of the New Zealand Curriculum (2007) are studied in congruence with available resources, assessment tools and planning formats to meet the needs of all diverse learners in the New Zealand primary school setting. The course will complement learning in other courses in the Bachelor of Teaching and Learning, including Professional Practice.

P: TECP212

R: TECP310

EQ: TECP310

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TECP313-22YC1 (C) Year C First Half**TECP313-22YC1 (D)** Year C First Half**TECP315 Language, Culture and Identity: Enhancing Educational Experiences and Outcomes for Diverse Learners**

15 Points 0.1250 EFTS

This course develops pre-service teachers' cultural self-efficacy and extends their abilities to recognise and address key issues for learners from diverse cultural and linguistic backgrounds. The content includes effective pedagogies for culturally diverse learners, establishing learning partnerships, first language development, and meeting the needs of students learning English as an additional language in mainstream classrooms and early childhood settings. The course extends the knowledge, skills and dispositions developed in other courses in the BTChLn, including Professional Practice. This course also provides scaffolding for entry into the Postgraduate Diploma in Education (endorsed in Teaching and Learning Languages) offered at the University of Canterbury. The course will complement learning in other courses in the Bachelor of Teaching and Learning, including Professional Practice.

P: A minimum of 90 points from 200 level BTChLn (Early Childhood) or BTChLn (Primary) courses, including TEPI and TEPP courses.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TECP315-22S2 (C) Semester 2**TECP315-22S2 (D)** Semester 2**TECP316 Te Ao Māori/ Mātauranga Māori: Teaching and Learning from Māori Worldviews**

15 Points 0.1250 EFTS

The course is designed to give pre-service teachers the opportunity to improve and extend their te reo Māori proficiency by examining emerging and current practices related to teaching and researching te reo and using on-line technology as a support tool. The course aims to develop a rigorous approach to the theory/praxis nexus in relation to teaching te reo Māori; to promote an understanding of the role of research in contributing to improved practice and innovation; and to equip graduates with the skills to design and implement research based practices in the teaching of te reo and tikanga Māori.

P: A minimum of 90 points from 200 level BTChLn (Early Childhood) or BTChLn (Primary) courses, including TEPI, TEPP courses and TECM201.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TECP316-22S2 (D) Semester 2**TECP316-22S2 (C)** Semester 2**TECP317 e-Learning for Transformative Education**

15 Points 0.1250 EFTS

This course provides opportunities for students from the BTChLn (Primary) and BTChLn (Early Childhood) who have an interest in digital technologies and e-learning to develop the knowledge, skills and attitudes that will enable them to adopt leadership roles in this area in the future. The course extends the digital technologies learning included in other courses in the Bachelor of Teaching and Learning, including Professional Practice. This course also provides scaffolding for entry into Postgraduate qualifications (endorsed in e-Learning and Digital Technologies) offered at the university.

P: A minimum of 90 points from 200 level BTChLn (Early Childhood) or BTChLn (Primary) courses, including TEPI and TEPP courses.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TECP317-22S2 (D) Semester 2**TECP318 Research and Inquiry in Action**

15 Points 0.1250 EFTS

The course requires the students to integrate and consolidate the knowledge from their programme of study, while also deepening and extending their professional knowledge and skills in one area of interest. In this 300 level optional course students will undertake an Inquiry based research project. They will be expected to work within the education community to identify and investigate an education related issue or topic of interest. Students will experience authentic research through Inquiry where they will share ideas, record links to theory and to best classroom & centre practice. It will also continue to contribute to the development of students' teaching philosophies. Using an Inquiry based approach to research and issue or topic students will be introduced to education research and Inquiry Learning. There is also opportunity for a limited number of students to conduct a more direct personal inquiry involving special projects.

P: A minimum of 90 points from 200 level BTChLn (Early Childhood) or BTChLn (Primary) courses, including TEPI and TEPP courses.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TECP318-22S2 (C) Semester 2

TECP318-22S2 (D) Semester 2

TECP319 Sustainability and Social Justice

15 Points 0.1250 EFTS

This course recognises the importance of all citizens having the necessary skills, knowledge and dispositions to contribute to sustainable communities. An important role for teachers is to create partnerships within learning communities that support leadership, education and care, which enables children and their families/whānau to participate in New Zealand society in ecologically sustainable ways.

P: A minimum of 90 points from 200 level BTChLn (Early Childhood) or BTChLn (Primary) courses, including TEPI and TEPP courses.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TECP319-22S2 (C) Semester 2

TECP319-22S2 (D) Semester 2

TECP323 Literacy and Mathematics for Primary School Teaching

15 Points 0.1250 EFTS

This course provides an introduction to teaching literacy and mathematics from year 0 to 8. There is a specific emphasis on teaching beginning literacy and number in mathematics. The course builds students own pedagogical content knowledge and the use of evidence-based pedagogical approaches in the classroom.

R: TECP423

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TECP323-22YA (D) Full Year A

TECP323-22X (C) 07 Feb 2022 - 13 Nov 2022

TECP324 Curriculum 2: Teaching and Learning in, through and about health and physical education and the arts

15 Points 0.1250 EFTS

This course explores content, pedagogy and practices associated with teaching and learning in, through and about PE, Health and The Arts in the New Zealand Curriculum (2007). Students will engage with content that will support the design of effective, inclusive classroom programmes and environments that maximise learners' physical, social, cultural and emotional safety and promote well-being in Primary and Intermediate school settings. The course will complement learning in other courses in the Graduate Diploma of Teaching and Learning.

R: TECP424

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TECP324-22YA (D) Full Year A

TECP324-22X (C) 07 Feb 2022 - 13 Nov 2022

TECP325 Curriculum 3: Exploring Science and Technology through Collaborative Design

15 Points 0.1250 EFTS

This course supports pre-service teacher development of curriculum knowledge and pedagogy of teaching Science and Technology in schools in Aotearoa/ New Zealand. Using future-focussed themes and issues that integrate Science and Technology, pre-service teachers explore the Nature of Science and Technology through engagement in authentic contexts. Through the acquisition of knowledge, skills and attitudes, pre-service teachers will be better informed to successfully plan, resource, implement, assess and evaluate these learning areas. The course will complement learning in other courses in the Graduate Diploma of Teaching and Learning (Primary), including Professional Practice.

R: TECP425

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TECP325-22YA1 (D) Year A First Half

TECP325-22X (C) 07 Feb 2022 - 26 June 2022

TECP326 Curriculum 4: Learning Languages and Social Sciences in Diverse School and Community Settings

15 Points 0.1250 EFTS

This course introduces pre-service teachers to contemporary thinking related to Learning Languages and Social Sciences education in primary schools in Aotearoa/New Zealand. Students will engage with theoretical and practical frameworks for responsive teaching in Social Sciences and Learning Languages (including English as an additional language, New Zealand Sign Language, te reo Māori and other languages) that take account of learners' diverse backgrounds and draw on local contexts. Students will examine pedagogical strategies, assessment activities and resources to support their development of the knowledge, skills, and dispositions to facilitate effective learning opportunities in these two learning areas. The course will complement learning in other courses in the Graduate Diploma of Teaching and Learning (Primary), including Professional Practice.

R: TECP426

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TECP326-22YA2 (D) Year A Second Half

TECP326-22YA2 (C) Year A Second Half

TECP331 English Literacy and Mathematics Education 1

15 Points 0.1250 EFTS

The course provides pre-service teachers with an introduction to English and Mathematics Education, key Learning Areas of the New Zealand Curriculum (2007). The development of literacy and numeracy skills is essential as a basis for all subject knowledge and teachers must have the knowledge and skills to design effective learning experiences in these areas. They must be able to critically evaluate current English literacy and Mathematics practice across all levels of primary education. Every teacher requires the skills and knowledge to make it possible for children to understand, clarify, problem solve, test hypotheses and communicate in appropriate ways. The course will complement learning in other courses in the Graduate Diploma of Teaching and Learning (Primary), including Professional Practice.

P: Admission to the GradDipTchLn(Primary)

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TECP331-22X (D) 31 Jan 2022 - 26 June 2022

TECP332 English Literacy and Mathematics Education 2

15 Points 0.1250 EFTS

This course continues to focus on the development of literacy and numeracy skills with an emphasis on more specific assessment (including nationally developed monitoring tools), evaluation and planning. Topics such as meeting the needs of diverse learners, engaging students with texts, critical literacies, effective mathematical pedagogies and the New Zealand Number Framework will be explored in greater depth. Following professional experiences in schools, students will be encouraged to reflect on their own classroom practice and that of others. The course will complement learning in other courses in the Graduate Diploma of Teaching and Learning (Primary), including Professional Practice.

P: TECP331

R: TECP360, TECP370

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TECP332-22YC2 (D) Year C Second Half

TECP333 Future Focussed Education: Science, Technology, Digital Literacy

15 Points 0.1250 EFTS

This course for pre-service teachers is designed to develop a rationale, philosophy and pedagogy of teaching Science, Technology and Digital Literacy/citizenship in the New Zealand. Through the acquisition of knowledge, skills and attitudes pre-service teachers will be better informed to successfully plan, resource, implement, assess and evaluate these learning areas. Future-focussed themes and issues that integrate digital literacy, technologies and citizenship, are used to explore the Nature of Science and Technology through engagement in authentic contexts. The course will complement learning in other courses in the Graduate Diploma of Teaching and Learning (Primary), including Professional Practice.

P: Admission to the GradDipTchLn(Primary)

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TECP333-22X (D) 31 Jan 2022 - 26 June 2022

TECP334 Community-Based Approaches in Education: Health, Physical Education and Social Sciences

15 Points 0.1250 EFTS

This course provides pre-service teachers with an introduction to the conceptual and structural frameworks in the New Zealand Curriculum (2007) in the Health, Physical Education and Social Sciences Learning Areas with a particular emphasis placed on well-informed practical application. A community based emphasis provides participants with a local context to explore key concepts and issues in authentic community settings. Course content will demonstrate the College's commitment to upholding Te Tiriti o Waitangi and Te reo me ngā Tikanga Māori and the Ministry of Education's Pasifika Education Strategy. The course will complement learning in other courses in the Graduate Diploma of Teaching and Learning (Primary)

P: Admission to the GradDipTchLn(Primary)

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TECP334-22YC2 (D) Year C Second Half

TECP335 Creative Action and Response in Education: The Arts

15 Points 0.1250 EFTS

This course provides pre-service teachers with an introduction to the theory and practice of fostering creative action and response in education within the context of teaching the New Zealand Curriculum learning area 'The Arts' in primary and intermediate schools. Each of the four arts disciplines (i.e. Music-Sound Arts, Visual Arts, Dance and Drama) will be critically examined in terms of pedagogical and subject content knowledge, and current research related to the development of creativity within an Arts education context explored, to enable participants to design and implement relevant, research-informed, culturally inclusive Arts programmes in schools. The course will complement learning in other courses in the Graduate Diploma of Teaching and Learning (Primary), including Professional Practice.

P: Admission to the GradDipTchLn(Primary)

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TECP335-22YC2 (D) Year C Second Half

TECP423 Literacy and Mathematics for Primary School Teaching

15 Points 0.1250 EFTS

This course provides an introduction to teaching literacy and mathematics from year 0 to 8. There is a specific emphasis on teaching beginning literacy and number in mathematics. The course builds students own pedagogical content knowledge and the use of evidence-based pedagogical approaches in the classroom.

R: TECP323

Domestic Fee: \$969 (2021)

International Fee: \$4,125 (2021)

TECP423-22YA (D) Full Year A**TECP423-22X (C) 07 Feb 2022 - 13 Nov 2022****TECP424 Curriculum 2: Teaching and Learning In, Through and About Health and Physical Education and The Arts**

15 Points 0.1250 EFTS

This course explores content, pedagogy and practices associated with teaching and learning in, through and about PE, Health and The Arts in the New Zealand Curriculum (2007). Students will critically engage with content that will support the design of effective, inclusive classroom programmes and environments that maximise learners' physical, social, cultural and emotional safety and well-being in Primary and Intermediate school settings. The course will complement learning in other courses in the Postgraduate Diploma of Teaching and Learning.

R: TECP324

Domestic Fee: \$969 (2021)

International Fee: \$4,125 (2021)

TECP424-22YA (D) Full Year A**TECP424-22X (C) 07 Feb 2022 - 13 Nov 2022****TECP425 Curriculum 3: Exploring Science and Technology through Collaborative Design**

15 Points 0.1250 EFTS

This course supports pre-service teacher development of curriculum knowledge and pedagogy of teaching Science and Technology in schools in Aotearoa/ New Zealand. Using research, future-focussed themes and issues that integrate Science and Technology, pre-service teachers critically examine and explore the Nature of Science and Technology through engagement in authentic contexts. Through the acquisition of knowledge, skills and attitudes, pre-service teachers will be better informed to successfully plan, resource, implement, assess and evaluate these learning areas. The course will complement learning in other courses in the Postgraduate Diploma of Teaching and Learning (Primary), including Professional Practice.

R: TECP325

Domestic Fee: \$969 (2021)

International Fee: \$4,125 (2021)

TECP425-22YA1 (D) Year A First Half**TECP425-22X (C) 07 Feb 2022 - 26 June 2022****TECP426 Curriculum 4: Learning Languages and Social Sciences in Diverse School and Community Settings**

15 Points 0.1250 EFTS

This course introduces pre-service teachers to contemporary thinking related to Learning Languages and Social Sciences education in primary schools in Aotearoa/New Zealand. Students will critically engage with theoretical and practical frameworks for responsive teaching in Social Sciences and Learning Languages (including English as an additional language, New Zealand Sign Language, te reo Māori and other languages) that take account of learners' diverse backgrounds and draw on local contexts. Students will evaluate pedagogical strategies, assessment activities and resources to deepen their development of the knowledge, skills, and dispositions to facilitate effective learning opportunities in these two learning areas. The course will complement learning in other courses in the Postgraduate Diploma of Teaching and Learning (Primary), including Professional Practice.

R: TECP326

Domestic Fee: \$969 (2021)

International Fee: \$4,125 (2021)

TECP426-22YA2 (C) Year A Second Half**TECP426-22YA2 (D) Year A Second Half****TECS333 Curriculum, Pedagogy and Assessment 1: Teaching subject for junior secondary**

15 Points 0.1250 EFTS

This course introduces students to curriculum, pedagogy and assessment and supports the development of pedagogical content knowledge for secondary teaching in particular subject contexts at junior secondary level. Students examine the New Zealand Curriculum (NZC), associated curriculum and assessment support materials, contemporary pedagogical developments and associated practice challenges, within the context of a junior secondary subject. There is a particular focus on knowledge foundations of subjects, culturally responsive and sustaining pedagogies that support learning for all, relevant subject-specific literacies, and design for learning within students' junior secondary subjects.

R: TECS433

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TECS333-22X (C) 07 Feb 2022 - 26 June 2022**TECS334 Curriculum, Pedagogy and Assessment 2: Teaching subject for senior secondary**

15 Points 0.1250 EFTS

This course will deepen students understanding of curriculum, pedagogy and assessment as they develop pedagogical content knowledge for secondary teaching in particular subject contexts at senior secondary level. Students will examine curriculum and assessment frameworks and materials, including the New Zealand Curriculum (NZC) and the New Zealand Certificate of Educational Achievement (NCEA), contemporary pedagogical developments and associated practice challenges within the context of a specialist senior secondary subject. There is a particular focus on knowledge foundations, assessment practices, culturally responsive and sustaining pedagogies that support learning for all, relevant subject-specific literacies and design for learning within students' specialist senior secondary subjects

P: TECS333

R: TECS434

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TECS334-22YA2 (C) Year A Second Half**TECS335 Curriculum, Pedagogy and Assessment 3: Contemporary Developments in Secondary Education**

15 Points 0.1250 EFTS

This course provides a foundation for understanding curriculum, pedagogy and assessment for secondary teaching in complex and shifting secondary schooling environments. Students examine curriculum and assessment frameworks, including the New Zealand Curriculum (NZC) and the National Certificate of Educational Achievement (NCEA), different schooling contexts, contemporary pedagogical developments and associated practice challenges. They engage with questions about knowledge and whose knowledge counts in secondary education. There is a particular focus on integrated curriculum, pedagogies that support learning across subjects, assessment for learning, culturally responsive and sustaining pedagogy, literacies across the curriculum, future-focused and personalised learning, and integrated design for learning. Students collaborate with peers to explore integrated teaching and learning opportunities.

R: TECS435

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TECS335-22X (C) 07 Feb 2022 - 13 Nov 2022**TECS336 Curriculum, Pedagogy and Assessment 4: Additional teaching subject for junior secondary**

15 Points 0.1250 EFTS

This course is for students who wish to develop understanding of teaching and learning in relation to an additional junior secondary teaching subject. Students are introduced to curriculum, pedagogy and assessment in their additional junior secondary subject and develop pedagogical content knowledge to support teaching and learning in that subject. They examine the New Zealand Curriculum (NZC), associated curriculum and assessment support materials, contemporary pedagogical developments and associated practice challenges in relation to their additional junior secondary subject. There is a particular focus on knowledge foundations, culturally responsive and sustaining pedagogies that support learning for all, relevant subject-specific literacies, and design for learning within subject context.

R: TECS436

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TECS336-22X (C) 07 Feb 2022 - 26 June 2022**TECS337 Curriculum, Pedagogy and Assessment 5: Additional teaching subject for senior secondary**

15 Points 0.1250 EFTS

This course is for students who wish to develop understanding of teaching and learning in relation to an additional senior secondary teaching subject. Students gain understanding of curriculum, pedagogy and assessment and they develop pedagogical content knowledge for secondary teaching in relation to their additional senior secondary subject. They examine curriculum and assessment frameworks and materials, including the New Zealand Curriculum (NZC) and New Zealand Certificate of Educational Achievement (NCEA), contemporary pedagogical developments and associated practice challenges within the context of their additional senior secondary subject. There is a particular focus on knowledge foundations, assessment practices, culturally responsive and sustaining pedagogies that support learning for all, relevant subject-specific literacies and design for learning within subject context.

R: TECS437

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TECS337-22YA2 (C) Year A Second Half**TECS345 Special topic: Curriculum, Pedagogy and Assessment 3: Contemporary Developments in Secondary Education (Distance)**

15 Points 0.1250 EFTS

This course provides a foundation for understanding curriculum, pedagogy and assessment for secondary teaching in complex and shifting secondary schooling environments. Students examine curriculum and assessment frameworks, including the New Zealand Curriculum (NZC) and the National Certificate of Educational Achievement (NCEA), different schooling contexts, contemporary pedagogical developments and associated practice challenges. They engage with questions about knowledge and whose knowledge counts in secondary education. There is a particular focus on integrated curriculum, pedagogies that support learning across subjects, assessment for learning, culturally responsive and sustaining pedagogy, literacies across the curriculum, future-focused and personalised learning, and integrated design for learning. Students collaborate with peers to explore integrated teaching and learning opportunities.

P: Subject to approval of the Head of School
 R: TECS335, TECS435
 Domestic Fee: \$799 (2021)
 International Fee: \$3,600 (2021)
TECS345-22YA (D) Full Year A

TECS395 Specialist Curriculum Studies Years 7-13
 30 Points 0.2500 EFTS

Not offered in 2022

In this course, student will engage with documentation, practices and research relating to their specialist teaching area in secondary schools. Specialist Curriculum Studies links directly to designing teaching for the learning areas of the New Zealand curriculum and to school programmes in New Zealand secondary schools. This course focuses on critical analysis of curriculum documents; application of the principles of assessment and evaluation to the specific learning area; planning and management of the learning environment; developing teaching sequences to meet the needs of diverse students in alignment with curriculum statements; and developing curriculum resources and assessment practices for NCEA requirements, in a specialist learning area.

TECS396 Additional Curriculum Subject Years 7-10 (1)
 15 Points 0.1250 EFTS

Not offered in 2022

Additional Curriculum Studies enable students to broaden their teaching expertise to include an additional learning area of the New Zealand Curriculum. Additional Curriculum Studies links directly to designing teaching for the learning areas of the New Zealand curriculum and to school programmes in New Zealand secondary schools. This course focuses on critical analysis of curriculum documents; application of the principles of assessment and evaluation to the specific learning area; planning and management of the learning environment; developing teaching sequences to meet the needs of diverse students in alignment with curriculum statements; and developing curriculum resources and assessment practices for Yrs 7-10 in an additional special learning area. Pre-service teachers will develop pedagogical and assessment practices and apply them to designing learning for diverse students in a particular learning area. They will develop skills to plan, evaluate and refine teaching and learning sequences, focusing on learners in Years 7 to 10.

TECS398 Additional Curriculum Subject Years 7-10 (2)
 15 Points 0.1250 EFTS

Not offered in 2022

Additional Curriculum Studies enable students to broaden their teaching expertise to include an additional learning area of the New Zealand Curriculum. Additional Curriculum Studies links directly to designing teaching for the learning areas of the New Zealand curriculum and to school programmes in New Zealand secondary schools. This course focuses on critical analysis of curriculum documents; application of the principles of assessment and evaluation to the specific learning area; planning and management of the learning environment; developing teaching sequences to meet the needs of diverse students in alignment with curriculum statements; and developing curriculum resources and assessment practices for Yrs 7-10 in an additional special learning area. Pre-service teachers will develop pedagogical and assessment practices and apply them to designing learning for diverse students in a particular learning area. They will develop skills to plan, evaluate and refine teaching and learning sequences, focusing on learners in Years 7 to 10.

TECS433 Curriculum, Pedagogy and Assessment 1: Teaching subject for junior secondary

15 Points 0.1250 EFTS

This course introduces students to curriculum, pedagogy and assessment and supports the development of pedagogical content knowledge for secondary teaching in particular subject contexts at junior secondary level. Students examine the New Zealand Curriculum (NZC), associated curriculum and assessment support materials, contemporary pedagogical developments and associated practice challenges, within the context of a junior secondary subject. There is a particular focus on knowledge foundations of subjects, culturally responsive and sustaining pedagogies that support learning for all, relevant subject-specific literacies, and design for learning within students' junior secondary subjects.

R: TECS333

Domestic Fee: \$969 (2021)

International Fee: \$4,125 (2021)

TECS433-22X (C) 07 Feb 2022 - 26 June 2022

TECS434 Curriculum, Pedagogy and Assessment 2: Teaching subject for senior secondary

15 Points 0.1250 EFTS

This course will deepen students understanding of curriculum, pedagogy and assessment as they develop pedagogical content knowledge for secondary teaching in particular subject contexts at senior secondary level. Students will examine curriculum and assessment frameworks and materials, including the New Zealand Curriculum (NZC) and the New Zealand Certificate of Educational Achievement (NCEA), contemporary pedagogical developments and associated practice challenges within the context of a specialist senior secondary subject. There is a particular focus on knowledge foundations, assessment practices, culturally responsive and sustaining pedagogies that support learning for all, relevant subject-specific literacies and design for learning within students' specialist senior secondary subjects.

P: TECS433

R: TECS334

Domestic Fee: \$969 (2021)

International Fee: \$4,125 (2021)

TECS434-22YA2 (C) Year A Second Half

TECS435 Curriculum, Pedagogy and Assessment 3: Contemporary Developments in Secondary Education

15 Points 0.1250 EFTS

This course provides a foundation for critical engagement with curriculum, pedagogy and assessment issues for secondary teaching in complex and shifting secondary schooling environments. Students examine curriculum and assessment frameworks, including the New Zealand Curriculum (NZC) and the National Certificate of Educational Achievement (NCEA), different schooling contexts, contemporary pedagogical developments and associated practice challenges. They engage with questions about knowledge and whose knowledge counts in secondary education. There is a particular focus on integrated curriculum, pedagogies that support learning across subjects, assessment for learning, culturally responsive and sustaining pedagogy, literacies across the curriculum, future-focused and personalised learning, and integrated design for learning. Students collaborate with peers to explore integrated teaching and learning opportunities.

R: TECS335

Domestic Fee: \$969 (2021)

International Fee: \$4,125 (2021)

TECS435-22X (C) 07 Feb 2022 - 13 Nov 2022

TECS436 Curriculum, Pedagogy and Assessment 4: Additional teaching subject for junior secondary

15 Points 0.1250 EFTS

This course is for students who wish to develop understanding of teaching and learning in relation to an additional junior secondary teaching subject. Students are introduced to curriculum, pedagogy and assessment in their additional junior secondary subject and develop pedagogical content knowledge to support teaching and learning in that subject. They critically examine the New Zealand Curriculum (NZC), associated curriculum and assessment support materials, contemporary pedagogical developments and associated practice challenges in relation to their additional junior secondary subject. There is a particular focus on knowledge foundations, culturally responsive and sustaining pedagogies that support learning for all, relevant subject-specific literacies, and design for learning within subject context.

R: TECS336

Domestic Fee: \$969 (2021)

International Fee: \$4,125 (2021)

TECS436-22X (C) 07 Feb 2022 - 26 June 2022

TECS437 Curriculum, Pedagogy and Assessment 5: Additional teaching subject for senior secondary

15 Points 0.1250 EFTS

This course is for students who wish to develop understanding of teaching and learning in relation to an additional senior secondary teaching subject. Students gain understanding of curriculum, pedagogy and assessment and they develop pedagogical content knowledge for secondary teaching in relation to their additional senior secondary subject. They critically examine curriculum and assessment frameworks and materials, including the New Zealand Curriculum (NZC) and New Zealand Certificate of Educational Achievement (NCEA), contemporary pedagogical developments and associated practice challenges within the context of their additional senior secondary subject. There is a particular focus on knowledge foundations, assessment practices, culturally responsive and sustaining pedagogies that support learning for all, relevant subject-specific literacies and design for learning within subject context.

R: TECS337

Domestic Fee: \$969 (2021)

International Fee: \$4,125 (2021)

TECS437-22YA2 (C) Year A Second Half

TEDU105 Cultural Studies/Te Tirohanga Ahurea

15 Points 0.1250 EFTS

This compulsory course will begin to prepare initial teacher education early childhood students to become competent bicultural and intercultural teachers of Aotearoa New Zealand.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TEDU105-22YC2 (C) Year C Second Half

TEDU105-22YC2 (D) Year C Second Half

TEDU110 Child and Adolescent Development

15 Points 0.1250 EFTS

This course establishes a foundation in theory, concepts, processes and factual knowledge of infant, child, and adolescent development within the context of family, school, and community. Students will acquire an understanding of the developmental processes that take place within and across physical, cognitive, emotional, and social domains, and their associations with developmental outcomes.

R: EDUC102, EDUC152, TEDU150, TEDU102

EQ: EDUC102

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TEDU110-22S1 (C) Semester 1

TEDU110-22S1 (D) Semester 1

Teacher Education

TEDU111 Education, Culture and Society

15 Points 0.1250 EFTS

This course provides an introduction to foundational theories, concepts and processes in the study of education. The course explores theories about power, justice and fairness in society, with a particular focus on how they relate to education. It also examines what part factors such as class, genders and sexualities, disability, and race may play in maintaining unequal forms of education. An important feature of the course will be analysing the role played by education in the development of colonial relations between Māori and Pakeha, and how that continues to shape contemporary New Zealand society.

R: EDUC103, EDUC156

EQ: EDUC103

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TEDU111-22S2 (C) Semester 2

TEDU111-22S2 (D) Semester 2

TEDU201 Teaching, Learning and Assessment

15 Points 0.1250 EFTS

This course develops knowledge about learning and assessment and the relationships between learning, teaching and assessment in school and early childhood education contexts. It gives initial teacher education students opportunities to develop knowledge for teaching and learning by examining what is known about the conditions for learning and emerging issues regarding the role of assessment in learning.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TEDU201-22YC1 (C) Year C First Half

TEDU201-22YC1 (D) Year C First Half

TEDU206 Inclusive Education in Early Childhood/Te Aotūroa Tātaki

15 Points 0.1250 EFTS

The course is designed to provide initial early childhood teacher education students with knowledge of inclusion and exclusion in early childhood education. The focus will be on knowledge of the cultures, policies and practices that contribute to the inclusion and exclusion of children and their families/whānau in early childhood education. It is important that students develop a critical awareness of the contested pedagogies and theoretical debates around inclusion in early childhood education within the social, historical, cultural and political context in New Zealand. Students will develop their understanding, knowledge and skills to ensure that all children and their families/whānau are included and supported in regular early childhood settings.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TEDU206-22S2 (C) Semester 2

TEDU206-22S2 (D) Semester 2

TEDU301 Inclusive and Special Education

15 Points 0.1250 EFTS

This course provides in-depth consideration and analysis of the critical issues, policies and evidence-based practices in the fields of inclusive and special education. Historical and contemporary policy and legislation are examined to determine how these influence both the intended and the operational curriculum. The barriers to effective participation of all children such as teachers' beliefs, values and attitudes and how these influence practice and outcomes for all children in regular early childhood education and primary learning contexts are considered. Students will also explore evidence-based teaching strategies that support the participation and development of children with specific learning needs across these contexts.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TEDU301-22S2 (C) Semester 2

TEDU301-22S2 (D) Semester 2

TEDU305 Discovering Early Years Education

15 Points 0.1250 EFTS

This course will examine the histories, policies and research, which have contributed to the current contexts and practices within early years education (including early childhood education and the early school years) in Aotearoa New Zealand, and in international contexts.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TEDU305-22YC1 (C) Year C First Half

TEDU305-22YC1 (D) Year C First Half

TEPI101 The Profession of Teaching

15 Points 0.1250 EFTS

This course is a 100 level, compulsory, foundation course for the BTchLn (Early Childhood) and BTchLn (Primary). The course is an introduction to what it means to be a teacher in early childhood and primary contexts in New Zealand. It provides student teachers with knowledge of the major threads, conceptual framework and foundation documents that are fundamental to the BTchLn initial teacher education qualification. The course includes a two-day Treaty of Waitangi workshop and a two-week professional practice placement in an early childhood centre or primary school.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TEPI101-22YC1 (C) Year C First Half

TEPI101-22YC1 (D) Year C First Half

TEPI101-22YC1 (N) Year C First Half

TEPI105 Teacher Identity/Ngā Tirohanga Whānui

15 Points 0.1250 EFTS

This course specifically aims to give students the opportunity to examine their values, attitudes and beliefs in regard to children, childhoods, whānau and early childhood contexts, and to explore how these impact on their understandings of themselves as teachers. This course will support students to articulate aspects of their developing teaching philosophy.

P: TEPI101

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TEPI105-22YC2 (C) Year C Second Half

TEPI105-22YC2 (D) Year C Second Half

TEPI205 Professional Responsibilities and Relationships/Ngā Tirohanga Whānui

15 Points 0.1250 EFTS

This course will support initial teacher education students to explore their role as a committed member of the teaching profession.

P: TEPI105

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TEPI205-22YC1 (C) Year C First Half

TEPI205-22YC1 (D) Year C First Half

TEPI206 The Teacher's Role in Numeracy and Literacy/Ngā Tirohanga Whānui

15 Points 0.1250 EFTS

This course will allow the students to examine the role of the early childhood teacher in helping children develop pre-literacy and numeracy skills. Students will become familiar with the requirements of the New Zealand curriculum in relation to numeracy and literacy. They will use the holistic approach of Te Whariki to ensure that they are able to provide children with the experiences they need as part of their early childhood experience so that they have an excellent foundation in literacy and numeracy with which to begin their formal education. Students will develop an understanding of what children need to know and will develop the skills which will enable them to provide appropriate literacy and numeracy experiences throughout the early childhood programme. Students will also develop skills in presenting information on literacy and numeracy to parents and the ability to assist parents help their own children in these areas.

P: TEPI205

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TEPI206-22S2 (C) Semester 2

TEPI206-22S2 (D) Semester 2

TEPI222 Professional Inquiry: Designing for Learning

15 Points 0.1250 EFTS

This course will further develop students' understanding and knowledge of how to give effect to the vision of the New Zealand Curriculum and Te Marautanga o Aotearoa. Students will experience, as well as learn about, the dimensions of effective pedagogy and how these dimensions inform the principles and practice of designing and implementing effective learning experiences, including good practice for Māori and Pasifika learners. Students will implement these understandings when undertaking the associated Professional Practice course.

P: TEPP102

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TEPI222-22S2 (C) Semester 2

TEPI222-22S2 (N) Semester 2

TEPI222-22S2 (D) Semester 2

TEPI230 Informing Teaching and Learning through Community Engagement

15 Points 0.1250 EFTS

This course engages pre-service teachers in relational community-based experiential learning. The course includes relevant multi-disciplinary academic content, and guided reflection to support students' exploration of their role as committed members of the community. There is an expectation of enhanced understandings of intercultural knowledges and professional identity, and the ability to transfer that learning into formal educational settings.

P: TEPI105 (ECE) or TEPP102 (Primary)

R: TEPP205

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TEPI230-22YC1 (C) Year C First Half

TEPI230-22YC1 (D) Year C First Half

TEPI305 The Teacher's Role in Learning and Assessment/Ngā Tirohanga Whānui

15 Points 0.1250 EFTS

This course explores sociocultural assessment theories and related, foregrounding the principles of Te Whariki and the teacher's role as it relates to current pedagogies in learning. Students will develop the skills and knowledge necessary to provide meaningful formative assessment, which forms the basis for planning for infants, toddlers and young children, including transitions to, within and from early childhood settings.

P: TEPI206

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TEPI305-22YC1 (C) Year C First Half**TEPI305-22YC1 (D) Year C First Half****TEPI306 The Pedagogical Threads of Teaching/Te Umanga Ako - Tuia!**

15 Points 0.1250 EFTS

This course will require students to revisit the 'threads' of the programme as part of ensuring that they are able to articulate a philosophy of teaching and have a clear understanding both of the teacher registration process and their professional responsibilities.

P: TEPI305

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TEPI306-22S2 (C) Semester 2**TEPI306-22S2 (D) Semester 2****TEPI313 Professional Learning and Inquiry 1**

15 Points 0.1250 EFTS

This course supports the development of foundational professional and pedagogical understandings for teaching and learning in schools in Aotearoa New Zealand. Students will engage with the sociocultural context of schooling, Ministry of Education documents, professional frameworks and research that will support the development of positive, inclusive, learning-focussed professional practices and environments in diverse school settings. Students complete a Treaty of Waitangi workshop within the course. The course complements learning in other courses and supports preparation for the first Professional Practice course in the GradDipTchLn primary and secondary endorsements.

R: TEPI413

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TEPI313-22X (C) 24 Jan 2022 - 19 June 2022**TEPI313-22YA1 (D) Year A First Half****TEPI314 Professional Learning and Inquiry 2**

15 Points 0.1250 EFTS

This course builds upon TEPI313 Professional Learning and Inquiry 1 and TEPP313 Professional Practice 1. It provides an opportunity for students to deepen understandings of professional and pedagogical aspects of teaching. Students will engage with contemporary educational issues and practice challenges including pedagogies for diverse learners and learning environments, and digital leadership. There is an emphasis on becoming an inquiring and reflective teacher, using 'teaching as inquiry' and evidence-based approaches to enhance learning. The course will prepare students for the associated Professional Practice course and also complement learning in other courses in the Graduate Diploma of Teaching and Learning.

P: TEPI313

R: TEPI614

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TEPI314-22YA2 (C) Year A Second Half**TEPI314-22YA2 (D) Year A Second Half****TEPI315 Understanding Every Learner: Intercultural and Inclusive Education**

15 Points 0.1250 EFTS

Every learner is unique. This course will support student teachers to increase their understanding of the variety of unique characteristics that learners bring with them into school and learning settings while also providing them with frameworks for understanding each learner as a whole person. Intercultural understandings will be addressed by challenging ideas of normality; inclusiveness will be addressed through an abilities-based approach and tangata whenuatanga; and behaviour will be viewed as a medium of communication. From a practice perspective, the course will focus on what teachers can do to change and adapt their practices to meet the needs of every learner.

R: TEPI415

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TEPI315-22YA (D) Full Year A**TEPI315-22X (C) 07 Feb 2022 - 13 Nov 2022****TEPI316 Tō tātou reo, ā tātou tikanga**

15 Points 0.1250 EFTS

This course will support student teachers to extend their personal proficiency in te reo Māori through a communicative approach to language learning. Emphasis will be placed on student teachers learning how the use te reo Māori in their planning for teaching and in their everyday school practices as a teacher. It will also assist student teachers to understand their role in the revitalisation process of te reo Māori. Tikanga Māori and tikanga a iwi will be incorporated in this course through place-based pedagogies and socio-cultural understandings of knowledge. The course will draw explicitly from the core competencies of Tataiako (Ministry of Education, 2011) which will be enhanced by including the value of kaitiakitanga

R: TEPI416

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TEPI316-22YA (D) Full Year A**TEPI316-22X (C) 07 Feb 2022 - 13 Nov 2022****TEPI320 Professional Inquiry and Te Reo me ngā Āhuatanga Māori 3A**

15 Points 0.1250 EFTS

This is a compulsory BTchLn (Primary) course that further aims to develop understanding and knowledge of the profession of teaching. The course has two components. One prepares students to design needs-based learning experiences using an integrated learning approach and to report on the extent to which new learning occurs. The other further develops student's respect for, and advancing competence in, te reo Māori and their ability to reflect on their role as a co-learner and teacher of Te Reo me ngā Āhuatanga Māori.

P: TEPI222 and TECM201

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TEPI320-22YC1 (C) Year C First Half**TEPI320-22YC1 (D) Year C First Half****TEPI320-22YC1 (N) Year C First Half****TEPI321 Professional Inquiry and Te Reo me ngā Āhuatanga Māori 3B**

15 Points 0.1250 EFTS

This is a compulsory BTchLn (Primary) course that completes pre-service student's understanding and knowledge of the profession of teaching. The course has two components. The first prepares students as they transition from pre-service student to beginning teacher. The second further develops student's respect for, and advancing competence in, te reo Māori and their understanding of education in the Aotearoa/New Zealand context.

P: TEPI320

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TEPI321-22S2 (C) Semester 2**TEPI321-22S2 (N) Semester 2****TEPI321-22S2 (D) Semester 2****TEPI331 Professional and Educational Studies 1**

30 Points 0.2500 EFTS

This course provides pre-service teachers with an introduction to the New Zealand Education System and New Zealand Curriculum (2007). Culturally responsive pedagogies and learning design are explored within the context of learning theory, child development, and evidence-based teaching practices involving school visits, a Treaty of Waitangi workshop and Noho Marae experience. Students critically reflect on their beliefs, understandings and practices to develop greater awareness of the way their ontology may impact teaching and learning. The course will prepare students for the associated Professional Practice course (TEPP331) and also complement learning in other courses in the Graduate Diploma of Teaching and Learning (Primary).

P: Admission to the GradDipTchLn(Primary);

C: TEPP331

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

TEPI331-22X (D) 31 Jan 2022 - 26 June 2022**TEPI332 Professional and Educational Studies 2**

15 Points 0.1250 EFTS

This course builds upon TEPI331 Professional and Educational Studies 1. It is a learner focussed study with experiences and tasks that extend students' understandings towards becoming successful beginning teachers. The course incorporates the principles and practice of planning, assessment, evaluation and reporting and explores the links between professional practice experiences and established educational theory. Pedagogical models, curriculum integration, the diverse needs of children and learning environments are explored within these contexts. Students will experience, as well as learn about, authentic inquiry-based learning and associated pedagogies, and 'teaching as inquiry' models. These experiences will further develop participant's personal teaching philosophy. The course will prepare students for the associated Professional Practice course and also complement learning in other courses in the Graduate Diploma of Teaching and Learning (Primary).

P: TEPI331 only

C: TEPP331 or TEPP332

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TEPI332-22YC2 (D) Year C Second Half

TEPI333 Ngā Āhuatanga Māori and Learning Languages

15 Points 0.1250 EFTS

This course provides pre-service teachers with a theoretical and practical framework for language teaching and learning. The course develops the knowledge, confidence, skills, attitudes and dispositions needed to successfully plan, teach and evaluate programmes for language learning, including Te Reo Māori, international languages, Pasifika languages, English as an Additional Language, and New Zealand Sign Language. It also develops students' awareness of Māori culture, the rich cultural heritages of Aotearoa New Zealand, and responsive teaching practices that take account of learners' cultural and linguistic diversity. Students will be introduced to theories, resources, and pedagogical strategies appropriate to the teaching of languages and cultures. The course will also develop students' own competency in te reo Māori, and endorse their responsibilities as teachers for the promotion and protection of te reo Māori me nga Ahuatanga katoa in New Zealand schools. The course will complement learning in other courses in the Graduate Diploma of Teaching and Learning (Primary).

P: Admission to the GradDipTchLn(Primary)

R: TECP350

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TEPI333-22X (D) 31 Jan 2022 - 26 June 2022**TEPI351 Professional Inquiry 1**

15 Points 0.1250 EFTS

Not offered in 2022

This course will guide students in the development of a professional framework for their work with children, families, whānau and colleagues. It will examine the role of the early childhood teacher, professional relationships, graduating teacher standards, and reflection as a key component of being a teacher and will provide the links between teaching and learning theory and practice

TEPI352 Professional Inquiry 2

15 Points 0.1250 EFTS

This course provides the link between theory and early childhood centre practice. It will equip students with the skills to be ethical teachers and competent team members and will clarify for students the myriad of administrative tasks associated with early childhood teaching. The course will assist students in developing a professional framework for their work with children and adults in early childhood settings.

P: TEPI351

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TEPI352-22S2 (D) Semester 2**TEPI361 Becoming a professional teacher**

15 Points 0.1250 EFTS

This course will guide students in the development of a professional framework for their work with children, families, and colleagues. It will examine the role and responsibilities of the ECE teacher. Students will learn how to integrate theory and practice.

C: TEPP361

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TEPI361-22YA1 (C) Year A First Half**TEPI361-22YA1 (D) Year A First Half****TEPI362 Being a professional teacher**

15 Points 0.1250 EFTS

This course provides the link between theory and early childhood centre practice. It will equip students with the skills to be ethical teachers and competent team members and will clarify for students the myriad of administrative tasks associated with early childhood teaching. The course will assist students in developing a professional framework for their work with children and adults in early childhood settings, with particular focus on a biculturally responsive framework for work with tamariki and whānau.

P: TEPI361 and TEPP361

C: TEPP362

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TEPI362-22YA2 (D) Year A Second Half**TEPI362-22YA2 (C) Year A Second Half****TEPI370 Professional and Educational Studies 1**

30 Points 0.2500 EFTS

Not offered in 2022

This course provides the foundational principles for teaching and learning in secondary schools within the socio-political, cultural and historical context of the New Zealand education system. Students will critically engage with developmental, philosophical, ethical, professional and policy frameworks related to current educational fix issues that support inclusive and culturally responsive educational settings for diverse learners, while critically examining their own values, beliefs, attitudes and knowledge. The course includes a Noho Marae experience and Treaty of Waitangi workshop.

TEPI371 Professional and Educational Studies 2

15 Points 0.1250 EFTS

This course is an advance of Professional and Educational Studies 1 that is completed by all students. The emphasis is on becoming a professional teacher who can take account of problems that are often social, political and ethical in nature. It includes skill development in teaching: planning, classroom management, questioning skills, learning theories and multiple approaches to teaching using multimedia strategies and tools.

P: TEPI370, TEPP370

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TEPI371-22S2 (C) Semester 2**TEPI399 Nga rautaki whakaako reo me nga tikanga**

15 Points 0.1250 EFTS

Not offered in 2022

Nga rautaki whakaako reo me nga tikanga will emphasise the importance and uniqueness of actively using cultural knowledge to support Māori in Aotearoa / New Zealand educational settings. It will also prepare students to have an awareness of the ESOL students in their classes and provide some basic skills to help meet the needs of this group of learners.

TEPI413 Professional Learning and Inquiry 1

15 Points 0.1250 EFTS

This course supports the development of foundational professional and pedagogical understandings for teaching and learning in schools in Aotearoa / New Zealand. Students will critically engage with Ministry of Education documents, professional frameworks and research that will support the development of positive, inclusive learning-focused professional practices and environments in diverse school settings. Students complete a Treaty of Waitangi workshop within the course. The course complements learning in other courses and supports preparation for the first Professional Practice course in the PGDipTchLn primary and secondary endorsements.

R: TEPI313

Domestic Fee: \$969 (2021)

International Fee: \$4,125 (2021)

TEPI413-22YA1 (D) Year A First Half**TEPI413-22X (C) 07 Feb 2022 - 26 June 2022****TEPI415 Understanding Every Learner: Intercultural and Inclusive Education**

15 Points 0.1250 EFTS

Every learner is unique. This course will support student teachers to increase their understanding of the variety of unique characteristics that learners bring with them into school and learning settings while also providing them with frameworks for understanding each learner as a whole person. Intercultural understandings will be addressed by challenging ideas of normality; inclusiveness will be addressed through an abilities-based approach and tangata whenuatanga; and behaviour will be viewed as a medium of communication. From a practice perspective, the course will focus on what teachers can do to change and adapt their practices to meet the needs of every learner.

R: TEPI315

Domestic Fee: \$969 (2021)

International Fee: \$4,125 (2021)

TEPI415-22YA (D) Full Year A**TEPI415-22X (C) 07 Feb 2022 - 13 Nov 2022****TEPI416 Tō tātou reo, ā tātou tikanga**

15 Points 0.1250 EFTS

This course will support student teachers to extend their personal proficiency in te reo Māori through a communicative approach to language learning. Emphasis will be placed on student teachers learning how the use te reo Māori in their planning for teaching and in their everyday school practices as a teacher. It will also assist student teachers to understand and evaluate their role in the revitalisation process of te reo Māori. Tikanga Māori and tikanga a iwi will be incorporated in this course through place-based pedagogies and socio-cultural understandings of knowledge. The course will draw explicitly from the core competencies of Tataiako (Ministry of Education, 2011) which will be enhanced by including the value of kaitiakitanga.

R: TEPI316

Domestic Fee: \$969 (2021)

International Fee: \$4,125 (2021)

TEPI416-22YA (D) Full Year A**TEPI416-22X (C) 07 Feb 2022 - 13 Nov 2022****TEPI614 Professional Learning and Inquiry 2**

15 Points 0.1250 EFTS

This course builds upon TEPI413 Professional Learning and Inquiry 1 and TEPP413 Professional Practice 1. It provides an opportunity for students to deepen understandings of professional and pedagogical aspects of teaching. Students will synthesise research-informed and experience-based knowledge in critical examination of their own and others' professional and pedagogical practices. Students will engage critically with contemporary educational issues and practice challenges including pedagogies for diverse learners and learning environments, and digital leadership. There is an emphasis on becoming an inquiring and critically reflective teacher, using 'teaching as inquiry' and evidence-based approaches to enhance learning. The course will prepare students for the associated Professional Practice course and also complement learning in other courses in the Postgraduate Diploma of Teaching and Learning.

P: TEPI413
R: TEPI314
Domestic Fee: \$969 (2021)
International Fee: \$4,125 (2021)
TEPI614-22YA2 (C) Year A Second Half
TEPI614-22YA2 (D) Year A Second Half

TEPI615 Research for Teaching

30 Points 0.2500 EFTS
Students in this course will examine contemporary educational issues that teachers face in practice in classrooms, schools, and communities. Students will unpack problems of practice using multiple theoretical and practice-based lenses. Issues of social justice, equity, diversity, tangata whenuatanga, and the ecological and cultural aspects of schools and schooling will be the central focus of the course, with student-directed topics also being explored. Positioning the teacher as researcher will allow students to explore varying approaches to educational research.
P: TEPI614
Domestic Fee: \$1,937 (2021)
International Fee: \$8,250 (2021)
TEPI615-22X (C) 14 Nov 2022 - 29 Jan 2023
TEPI615-22X (D) 14 Nov 2022 - 29 Jan 2023

TEPP102 The Profession of Teaching: Understanding Learning

15 Points 0.1250 EFTS
This course is designed to deliver through practical application and first-hand experience in classrooms, the necessary curriculum and pedagogical content required of primary teachers. These experiences enable the student, his/her lecturers and associate teacher to systematically evaluate his/her developing knowledge and skill, identify emergent needs, and to record the student's progress in achieving course learning outcomes.
Domestic Fee: \$799 (2021)
International Fee: \$3,600 (2021)
TEPP102-22A (D) Starts Anytime
TEPP102-22YC2 (C) Year C Second Half
TEPP102-22YC2 (N) Year C Second Half
TEPP102-22YC2 (D) Year C Second Half

TEPP152 Professional Practice 1

15 Points 0.1250 EFTS
Not offered in 2022
This course provides students with opportunities to progress towards the demonstration of appropriate competencies and professional qualities. The course is closely linked to Professional Inquiry 1. Associate Teachers assist the College to assess students' developing competence as a teacher.

TEPP206 Professional Practice: Focus on Numeracy and Literacy

15 Points 0.1250 EFTS
This is a 200 level compulsory course which focuses on integrating and applying the theoretical knowledge of the BTChLn courses in early childhood settings for a 5 week period. TEPP206 Professional Practice 4 has a particular focus for students on their role in the provision of numeracy and literacy experiences within an early childhood context of Aotearoa New Zealand.
P: TEPI230
Domestic Fee: \$799 (2021)
International Fee: \$3,600 (2021)
TEPP206-22A (D) Starts Anytime
TEPP206-22T3 (C) 29 Aug 2022 - 02 Oct 2022
TEPP206-22T3 (D) 29 Aug 2022 - 02 Oct 2022

TEPP221 Professional Practice: Organising for Learning

15 Points 0.1250 EFTS
This course is designed to deliver through practical application and first-hand experience in classrooms, the necessary curriculum and pedagogical content required of primary teachers. These experiences enable the student, his/her lecturers and associate teacher to systematically evaluate his/her developing knowledge and skill, identify emergent needs, and to record the student's progress in achieving course learning outcomes.
P: TEPI230, TEPM101
C: TEPI222
R: TEPP211
Domestic Fee: \$799 (2021)
International Fee: \$3,600 (2021)
TEPP221-22A (D) Starts Anytime
TEPP221-22T3 (D) 29 Aug 2022 - 02 Oct 2022
TEPP221-22T3 (C) 29 Aug 2022 - 02 Oct 2022
TEPP221-22T3 (N) 29 Aug 2022 - 02 Oct 2022

TEPP252 Professional Practice 2

15 Points 0.1250 EFTS
Not offered in 2022
This course provides students with opportunities to progress towards the demonstration of 200-level competencies and professional qualities. The course is closely linked to Professional Inquiry 1. Associate Teachers assist the College to assess students' developing competence as a teacher.
P: TEPP152

TEPP305 Professional Practice: Assessment and Planning

15 Points 0.1250 EFTS
TEPP305 Professional Practice 5 has a particular focus for students on assessment and planning in an early childhood context of Aotearoa New Zealand. Students will be expected to integrate knowledge and skills from year one and year two courses and be able to observe and engage in planning and assessment within the centre programme.
P: TEPP206
Domestic Fee: \$799 (2021)
International Fee: \$3,600 (2021)
TEPP305-22A (D) Starts Anytime
TEPP305-22T1 (C) 07 Mar 2022 - 17 Apr 2022
TEPP305-22T1 (D) 07 Mar 2022 - 17 Apr 2022

TEPP306 Professional Practice: Pedagogical Threads

15 Points 0.1250 EFTS
This course provides students with opportunities to progress towards the demonstration of appropriate competencies and professional qualities. The course is closely linked to The profession of Teaching - Te Umanga Ako - Tuia. Associate Teachers assist the College to assess students' developing competence as a teacher.
P: TEPP305
Domestic Fee: \$799 (2021)
International Fee: \$3,600 (2021)
TEPP306-22A (D) Starts Anytime
TEPP306-22T3 (C) 25 July 2022 - 28 Aug 2022
TEPP306-22T3 (D) 25 July 2022 - 28 Aug 2022

TEPP313 Teaching Professional Practice 1

15 Points 0.1250 EFTS
This course and first teaching practice experience provides opportunities for pre-service teachers to enact learning about teaching and demonstrate professional skills, knowledge and dispositions. Pre-service teachers develop practice competence in school contexts, with professional support. Practice experience is focused on understanding and responding to learners, design for learning, establishing a learning-focused culture, fostering professional relationships, enacting principles relating to Te Tiriti o Waitangi, and engaging in professional learning. The course and teaching practice experience are closely linked to other courses in the GradDipTchgLn programme, through which opportunities are provided for examination of practice-related challenges and contributions to assignment requirements across the programme.
C: TEPI313
R: TEPP413
Domestic Fee: \$799 (2021)
International Fee: \$3,600 (2021)
TEPP313-22A (C) Starts Anytime
TEPP313-22T1 (C) 04 Apr 2022 - 05 June 2022
TEPP313-22T1 (D) 04 Apr 2022 - 05 June 2022

TEPP314 Teaching Professional Practice 2

15 Points 0.1250 EFTS
This course and second teaching practice experience provides opportunities for pre-service teachers to deepen their learning and reflection on teaching and demonstrate professional skills, knowledge and dispositions. Pre-service teachers deepen practice competence in school contexts, with professional support. Practice experience is focused on understanding and responding to learners, design for learning, establishing a learning-focused culture, fostering professional relationships, enacting principles relating to Te Tiriti o Waitangi, and engaging in professional learning. The course and teaching practice experience are closely linked to other courses in the GradDipTchgLn programme, through which opportunities are provided for examination of practice-related challenges and contributions to assignment requirements across the programme.
P: TEPP313
C: TEPI314
R: TEPP414
Domestic Fee: \$799 (2021)
International Fee: \$3,600 (2021)
TEPP314-22A (C) Starts Anytime
TEPP314-22T3 (C) 15 Aug 2022 - 02 Oct 2022
TEPP314-22T3 (D) 15 Aug 2022 - 02 Oct 2022

TEPP320 Professional Practice: Understanding Myself as a Teacher

15 Points 0.1250 EFTS

This course is designed to deliver through practical application and first-hand experience in classrooms, the necessary curriculum and pedagogical content required of primary teachers. These experiences enable the student, his/her lecturers and associate teacher to systematically evaluate his/her developing knowledge and skill, identify emergent needs, and to record the student's progress in achieving course learning outcomes.

P: TEPI222 and TEPP221

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TEPP320-22A (D) Starts Anytime**TEPP320-22T1 (C)** 07 Mar 2022 - 17 Apr 2022**TEPP320-22T1 (D)** 07 Mar 2022 - 17 Apr 2022**TEPP320-22T1 (N)** 07 Mar 2022 - 17 Apr 2022**TEPP321 Professional Practice: Being a Teacher**

15 Points 0.1250 EFTS

This course is designed to deliver through practical application and first-hand experience in classrooms, the necessary curriculum and pedagogical content required of primary teachers. These experiences enable the student, his/her lecturers and associate teacher to systematically evaluate his/her developing knowledge and skill, identify emergent needs, and to record the student's progress in achieving course learning outcomes.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TEPP321-22A (D) Starts Anytime**TEPP321-22T3 (C)** 25 July 2022 - 28 Aug 2022**TEPP321-22T3 (D)** 25 July 2022 - 28 Aug 2022**TEPP321-22T3 (N)** 25 July 2022 - 28 Aug 2022**TEPP331 Professional Practice 1**

15 Points 0.1250 EFTS

This first practicum course provides an intensive school-based opportunity for students to interact with and observe a range of teachers in a primary or intermediate school, and then work collaboratively with one mentor/associate teacher for a prolonged period of time. Students will observe, plan, teach, manage and assess student learning and then evaluate / critically appraisal and reflect on their professional development. Teaching experiences will progress from working with small groups to full class, with the students taking increasing responsibility, with support and guidance, for daily programme /class management as the placement progresses. These experiences and the associated documentation, in conjunction with mentor/lecturer observations, will provide formative feedback in relation to the students developing knowledge, skill and practices, identify emergent needs, and enable summative assessment in relation to the course learning outcomes. Course outcomes are described as a series of competencies. The course will both complement and apply learning in other courses in the Graduate Diploma of Teaching and Learning (Primary)

C: TEPI331 and TECP331

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TEPP331-22A (C) Starts Anytime**TEPP332 Professional Practice 2**

15 Points 0.1250 EFTS

This second practicum course provides an intensive school-based opportunity for students to work collaboratively with one mentor/associate teacher for a prolonged period of time. Students will conduct observations, and use these, in conjunction with advice and guidance from their mentor teacher and content covered in other initial teacher education courses, to inform their planning, teaching, management and assessment strategies and the subsequent evaluation / critical appraisal of their teaching and professional development. Teaching experiences will progress, with students taking increasingly independent responsibility for full programme / class management as the placement progresses. These experiences and reflective practices enable the student, his/her lecturers and the associate teacher to provide formative feedback on his/her developing knowledge and skill, identify emergent needs, and to record the student's progress in achieving the course learning outcomes. Course outcomes are described as a series of competencies. The course will both complement and apply learning in other courses in the Graduate Diploma of Teaching and Learning (Primary).

P: TEPI331 and TECP331 and TEPP331

C: TEPI332 and TECP332

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TEPP332-22A (D) Starts Anytime**TEPP361 Professional Practice 1**

15 Points 0.1250 EFTS

This course provides students with opportunities to progress towards the demonstration of appropriate competencies and professional qualities. The course is closely linked to TEPI361, TECE359, TECE362 and TECE364. Associate Teachers assist the College to assess students' developing competence as a teacher.

C: TEPI361

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TEPP361-22A (C) Starts Anytime**TEPP361-22X (C)** 14 Feb 2022 - 26 June 2022**TEPP361-22X (D)** 14 Feb 2022 - 26 June 2022**TEPP362 Professional Practice 2**

15 Points 0.1250 EFTS

This course provides students with opportunities to progress towards the demonstration of appropriate competencies and professional qualities. The course is closely linked to TEPI361, TEPI362, TECE 359, TECE 361, TECE 358 and TECE 365. Associate Teachers assist the College to assess students' developing competence as a teacher.

P: TEPP361 and TEPI361

C: TEPI362

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TEPP362-22A (C) Starts Anytime**TEPP362-22T3 (C)** 29 Aug 2022 - 30 Oct 2022**TEPP362-22T3 (D)** 29 Aug 2022 - 30 Oct 2022**TEPP370 Teaching Practice 1**

15 Points 0.1250 EFTS

This course provides an intensive school-based opportunity for students to observe, plan and teach lessons in a secondary school setting. Students are expected to plan, prepare, teach and evaluate part lessons, progressing to a short sequence of whole lessons. The focus is on foundational teaching skills such as communicating clear instructions and explanations, preventative class management, setting up class activities, and relating to pupils in the class. As the teaching practice experience progresses, the students are expected to take a greater role in planning and teaching a sequence of lessons, building towards teaching a unit of work with at least one class. Students take an increased responsibility for class management including corrective management of students. Students are expected to develop and maintain a portfolio that includes evidence of reflection on their teaching experiences. Expected outcomes are described as a set of competencies that are assessed by associate teachers and college lecturers.

C: TEPI370

R: EDTP306

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TEPP370-22A (C) Starts Anytime**TEPP371 Teaching Practice 2**

15 Points 0.1250 EFTS

This course extends the requirements of TEPP370 so that students take a greater role in planning and teaching a sequence of lessons, building towards teaching a unit of work with at least one class. Students continue to take an increased responsibility for class management including corrective management of students. This course requires the students to assume responsibility for all aspects of teaching a unit of work at different class levels. These responsibilities include formative and summative assessment of learning, scaffolding of learning over time and attending to the learning needs of diverse students within a class. The teaching practice portfolio includes critical reflection about their teaching that takes account of a range of evidence of student learning. The focus is also on more interactive teaching strategies within both whole class and student activity. Each student's teaching practice portfolio includes critical evaluation and reflection of their teaching. Expected outcomes are described as a set of competencies that are assessed by associate teachers and college lecturers.

P: TEPP370

C: TEPI371

R: EDTP307

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TEPP371-22A (C) Starts Anytime**TEPP413 Teaching Professional Practice 1**

15 Points 0.1250 EFTS

This course and first teaching practice experience provides opportunities for pre-service teachers to enact learning and critically reflect on teaching and demonstrate professional skills, knowledge and dispositions. Pre-service teachers develop practice competence in school contexts, with professional support. Practice experience is focused on understanding and responding to learners, design for learning, establishing a learning-focused culture, fostering professional relationships, enacting principles relating to Te Tiriti o Waitangi, and engaging in professional learning. The course and teaching practice experience are closely linked to other courses in the PGDipTchgLn programme, through which opportunities are provided for examination of practice-related challenges and contributions to assignment requirements across the programme.

C: TEPI413

R: TEPP313

Domestic Fee: \$969 (2021)

International Fee: \$4,125 (2021)

TEPP413-22A (C) Starts Anytime**TEPP413-22T1 (C)** 04 Apr 2022 - 05 June 2022**TEPP413-22T1 (D)** 04 Apr 2022 - 05 June 2022**TEPP414 Teaching Professional Practice 2**

15 Points 0.1250 EFTS

This course and second teaching practice experience provides opportunities for pre-service teachers to deepen their learning and critical reflection on teaching and demonstrate professional skills, knowledge and dispositions. Pre-service teachers deepen practice competence in school contexts, with professional support. Practice experience is focused on understanding and responding to learners, design for learning, establishing a learning-focused culture, fostering professional relationships, enacting principles relating to Te Tiriti o Waitangi, and engaging in professional learning. The course and teaching practice experience are closely

linked to other courses in the PGDipTchgLn programme, through which opportunities are provided for examination of practice-related challenges and contributions to assignment requirements across the programme.

P: TEPP413

C: TEPI614

R: TEPP314

Domestic Fee: \$969 (2021)

International Fee: \$4,125 (2021)

TEPP414-22A (C) Starts Anytime

TEPP414-22T3 (C) 15 Aug 2022 - 02 Oct 2022

TEPP414-22T3 (D) 15 Aug 2022 - 02 Oct 2022

Te Reo Māori

Aotahi: School of Māori and Indigenous Studies

TREO110 Te Ngao Tū: Conversational Māori for Absolute Beginners

15 Points 0.1250 EFTS

A beginner's course in Māori language for those with no previous background in Te Reo Māori. Students will learn basic informal and formal greetings, introductory songs, proverbs and idiom, how to introduce themselves, express family relationships. The course will enable students to hold a basic conversation. This is a highly recommended language option for those who might work with Māori people or who just wish to familiarise themselves with the language. Students who have been credited with higher level TREO language courses cannot credit TREO 110. Students with prior knowledge or who are literate and/or fluent speakers of Te Reo may not enrol in this course without the permission of the Programme Director.

R: MAOR105, MAOR110, MAOR111, MAOR112, MAOR115, MAOR124, MAOR125

Domestic Fee: \$785 (2021)

International Fee: \$3,500 (2021)

TREO110-21SU2 (D) Summer (Nov 21)

TREO110-21SU2 (C) Summer (Nov 21)

TREO110-22S1 (C) Semester 1

TREO110-22S2 (C) Semester 2

This is an intensive introductory course of Te Reo designed for students with no previous knowledge of the language. Students who have been credited with any of TREO111, TREO112, TREO180, TREO260, TREO280, TREO360 or TREO380 cannot subsequently be credited with TREO110. Students with prior knowledge or who are literate and/or fluent speakers of Te Reo may not enrol in this course without the permission of the Programme Director, which will be granted only if the course is appropriate to the level of competence of the student

TREO111 Te Ngao Pae 1: Introductory Reo 1

15 Points 0.1250 EFTS

An entry level course for those who wish to develop writing and speaking skills in Māori. Students learn an array of sentence constructions and vocabulary that will enable them to talk and write in several contexts about a wide variety of relationships and events in the present and the past. Students are exposed to cultural elements such as mihi, whakataukī and kīwaha, including a variety specific to Ngāi Tahu. The course blends academic study of the language with a range of teaching techniques including language games, waiata and group activities.

R: MAOR105, MAOR110, MAOR111, MAOR115, MAOR124, MAOR125

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TREO111-22S1 (C) Semester 1

TREO112 Te Ngao Pae 2: Introductory Reo 2

15 Points 0.1250 EFTS

A second level beginners' course in Te Reo Māori for those who have completed TREO111 or who have the equivalent level of proficiency. This course focusses on acquisition of more complex sentence constructions and extends knowledge of Māori vocabulary. In particular, knowledge of verbal sentences is enhanced by a study of commands, passive sentences, negatives and future constructions. Possessive phrases and sentence structures are also studied. The course blends academic study of the language with a range of teaching techniques including language games, waiata, group activities and the introduction of an immersion learning environment. Students are also exposed to whakataukī and kīwaha including some of those from Ngāi Tahu.

P: TREO111, or 18 credits in NCEA Te Reo Māori level 1, mostly excellence, or by placement test.

R: MAOR106, MAOR110, MAOR112, MAOR115, MAOR125, MAOR126

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TREO112-22S2 (C) Semester 2

TREO180 He Reo Rumaki - 1

15 Points 0.1250 EFTS

Not offered in 2022

A course intended for students who have a beginner's knowledge of te reo Māori. Set in a total immersion situation, students actively engage with level 2 students in a tuakana/teina based environment to actively promote the conversational use of language skills that have been learnt in previous language courses. Students will extend their abilities in a range of basic conversational situations, and in listening to a range of speakers. Appropriate waiata, karakia, whakataukī and kīwaha will form the basis of the course while language games and interactive activities will accentuate the student's language knowledge. Students must have already attained a beginner's level of te reo Māori at a tertiary level to enrol in this course.

P: Subject to approval of the Head of School.

TREO211 Te Ngao Mamaku 1

15 Points 0.1250 EFTS

An intermediate level course in Te Reo Māori for those who have completed TREO112 or who have recognised prior learning. This course continues the study of the structure of Te Reo Māori and extends your speaking skills through the study of a range of everyday topics. The course aims to increase the range and fluency of conversational ability to help lay the groundwork for future growth.

P: TREO112

R: TREO260

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TREO211-22S1 (C) Semester 1

TREO212 Te Ngao Mamaku 2

15 Points 0.1250 EFTS

An intermediate level course in Te Reo Māori for those who have completed TREO211 or who have recognised prior learning. This course continues the study of the structure of Te Reo Māori and extends your speaking skills through the study of a range of everyday topics. The course aims to increase the range and fluency of conversational ability to help lay the groundwork for future growth.

P: TREO112

R: TREO260

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TREO212-22S2 (C) Semester 2

TREO280 He Reo Rumaki - 2

15 Points 0.1250 EFTS

Not offered in 2022

A course targeted at students who have an intermediate competency in speaking te reo Māori. Set in a total immersion environment, students actively engage with level 1 students in a tuakana/teina based environment to actively promote the conversational use of language skills that have been learnt in previous language courses. Students will extend their abilities in a range of conversational situations, and in listening to a range of speakers. Appropriate waiata, karakia, whakataukī and kīwaha will form the basis of the course while language games and interactive activities will accentuate the student's language knowledge. Students must have already attained an intermediate level of te reo Māori at a tertiary level to successfully participate in this course.

P: TREO260 or equivalent.

TREO282 Kapa Haka - Introducing Māori Performing Arts

15 Points 0.1250 EFTS

Designed for Māori and non-Māori, performance competent and new learners, language and non-language students this course takes the class on a journey of exploration to a high level of performance. Course content includes study of the mythological and traditional origins and customs of performing arts from moteatea (traditional song), poi (ball dance), waiata ā-ringā (action song), haka and the art of warfare and mau rakau (weaponry - tī rakau, tītī tōrea, hāpai rākau, taiaha, patu). The course also covers the role of male and female leaders, biographies of important composers and the renaissance of kapa haka and its place in Māori culture and society. Students learn a full performance bracket which includes a distinctive Ngāi Tahu component as well as a selection of historical and sacred classic tribal anthems.

P: Any 15 points at 100 level from MAOR, MUSA, or TREO, or 60 points at 100 level from the Schedule V of the BA.

R: MAOR265, MAOR282, TREO382, MUSA252

EQ: MAOR282, MUSA252

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TREO282-22S2 (C) Semester 2

PACE395 Internship

30 Points 0.2500 EFTS

What can you do with your major? With your degree? The purpose of the internship course is to explore both the ideological and practical assumptions guiding this question. The course is designed to be a critical, theoretical and "real-world" examination of the practices and ideologies inherent in both community and business organisations. You will apply the analytical skills acquired through your major, and through class seminars and readings, to a project designed by a local company or community group. Please check out the website for further information and specific project descriptions: www.arts.canterbury.ac.nz/internships

P: 150 points, special application and interview, and permission of the Internship Director.

R: ARTS395

EQ: ARTS395

Domestic Fee: \$1,570 (2021)

International Fee: \$7,000 (2021)

PACE395-21SU2 (C) Summer (Nov 21)

PACE395-22A (C) Starts Anytime

PACE395-22S1 (C) Semester 1

PACE395-22S2 (C) Semester 2

Limited entry. See limitation of entry regulations. A student will be selected for a specific project. Only students accepted for projects will be allowed into the course. Please go to <http://www.arts.canterbury.ac.nz/internships> for more information.

TREO311 Te Ngao Matariki 1

30 Points 0.2500 EFTS

An advanced level course in Te Reo Māori for those who have completed TREO212. The aim of the course is to increase the depth of knowledge and skill in delivery of the students' Māori language so that they will have a clearer understanding of the oral and written traditions of Māori society and the working language of today's Māori world and be able to converse more effectively in Māori. Students will be encouraged to speak and write about their thoughts on a range of topics. This course continues the study of the structure of the language and extends speaking skills. The main language of instruction is the Māori language.

P: TREO212 or TREO260

R: TREO360

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

TREO311-22S1 (C) Semester 1**TREO312 Te Ngao Matariki 2**

30 Points 0.2500 EFTS

An advanced level course in Te Reo Māori for those who have completed TREO311. The aim of the course is to increase the depth of knowledge and skill in delivery of the students' Māori language so that they will have a clearer understanding of the oral and written traditions of Māori society and the working language of today's Māori world and be able to converse more effectively in Māori. Students will be encouraged to speak and write about their thoughts on a range of topics. This course continues the study of the structure of the language and extends speaking skills. The main language of instruction is the Māori language.

P: TREO311

R: TREO360

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

TREO312-22S2 (C) Semester 2**TREO320 Te Reo Ora: Māori and Indigenous Language Revitalisation**

30 Points 0.2500 EFTS

Not offered in 2022

Māori language plays an important role in expressing Māori cultural identity. This course contextualises identity needs within a historical and contemporary analysis of the Māori language revitalisation movement and endangered language studies worldwide.

P: TREO260, or 20 credits NCEA Te Reo Rangatira Level 2, or placement test.

TREO323 Tuhinga Rangahau

30 Points 0.2500 EFTS

Advanced level research essay in Te Reo Māori for students with a demonstrated ability to progress to postgraduate research study and thesis writing.

P: TREO260 and permission of the Head of School

Domestic Fee: \$1,597 (2021)

International Fee: \$7,200 (2021)

TREO323-22S1 (C) Semester 1**TREO323-22S2 (C) Semester 2****Postgraduate**

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

TREO401 Te Ngao ki Hawaiki

30 Points 0.2500 EFTS

Mā te reo Māori ngā mahi a te karaehe nei e kawē ai i ngā kaupapa ako ka wānangahia nei e tātou. Ko te whāinga matua ko te ako i te reo kōrero, te reo tuhituhi ka tāhi, ka rua ko te āta whakaaro he aha kē te wairua o te reo Māori me pupuri tonutia nei. Ka tiro tātou ki ngā korero tuku iho pēnei i te whakataukī, kiwaha me ērā momo o te reo. Ko tōna whāinga matua kia āta whāwhā i te hōhonutanga o te whakaaro me ōna tohutou mō te ao e noho nei tātou. Ka tiro anō hoki tātou ki ngā kaupapa tikanga, ngā whakapono a te Māori, ngā mihi me ngā poroporoaki, ērā āhuatanga katoa o te reo Māori. Ka tiro ano hoki tātou ki ngā kaupapa tikanga, ngā whakapono a te Māori, ngā mihi me ngā poroporoaki, era ahuatanga katoa o te reo Māori.

P: Subject to approval of the Head of School.

R: MAOR408, EDEM660

EQ: MAOR408, EDEM660

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

TREO401-22S1 (C) Semester 1**TREO403 He Wānanga**

30 Points 0.2500 EFTS

Not offered in 2022

An advanced te reo Māori course based in Māori philosophical and conceptual thought and beliefs. The course involves noho marae with prominent experts in te reo Māori. Students will use wananga to discuss, develop and shape work in their chosen fields.

P: Subject to approval of the Head of School.

TREO404 Mahi-a-Rehia

30 Points 0.2500 EFTS

Not offered in 2022

This course examines the texts, style and purpose of Ngā mahi-a-rēhia (Māori performance and composition). The course will enhance the ability of students to transcribe, translate and annotate traditional Māori poetry, prose, invocations and song, while teaching them to compose and perform works to a high level.

P: Subject to approval of the Head of School.

R: MAOR405

EQ: MAOR405

TREO405 Te Whakaora: Language Revitalisation

30 Points 0.2500 EFTS

Students will critically examine the historical repression of the Māori language/indigenous languages and the growth of language revitalisation movements in the twentieth century. They will review the key educational and Māori development drivers in Māori/iwi led movements: Kōhanga Reo, Kura Kaupapa Māori, Wharekura, Wananga and bilingual/immersion programmes. They will assess the role that teachers can play in creating and shaping communities of language learners and develop appropriate strategic plans.

P: Subject to approval of the Head of School.

R: EDEM657, EDHP702

EQ: EDEM657, EDHP702

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

TREO405-22S2 (C) Semester 2**TREO406 Special Topic: Ngā Tuhinga Tuaiho: Manuscripts in Māori**

30 Points 0.2500 EFTS

Not offered in 2022

This is an advanced Māori language course teaching the skills of transcription, translation and annotation of nineteenth-century and early twentieth-century Māori-language manuscripts and printed material. Students will study the language from a broad selection of historical, political, religious and wananga documents. Students will also complete a translation and explanation of a document of their choice.

P: Subject to approval of the Head of School.

R: MAOR415

EQ: MAOR415

TREO407 Waka Huia

30 Points 0.2500 EFTS

A transcription, translation and annotation project using the School's collection of Waka Huia tapes.

P: Subject to approval of the Head of School.

R: MAOR416

EQ: MAOR416

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

TREO407-22S2 (C) Semester 2**TREO480 Rangahau - Research Project**

30 Points 0.2500 EFTS

This course is designed for students with a demonstrated ability to conduct postgraduate research and/or progress to thesis writing in Te Reo Māori. Students are invited to discuss a topic of their choice with staff. Students are expected to make a short presentation at the School's Annual Matariki Research Seminar Series

P: Subject to approval of the Head of School.

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

TREO480-22S2 (C) Semester 2**TREO590 Rangahau - Major Research Dissertation**

90 Points 0.7500 EFTS

This course is designed for students with a demonstrated ability to conduct postgraduate research and/or progress to thesis writing in Māori and Indigenous Studies. Students are invited to discuss a topic of their choice with staff. Students are expected to make a short presentation at the School's Annual Matariki Research Seminar Series.

P: Subject to approval of the Head of School.

Domestic Fee: \$5,415 (2021)

International Fee: \$24,750 (2021)

TREO590-22A (C) Starts Anytime**TREO590-22W (C) Whole Year (S1 and S2)**

TREO591 Rangahau - Minor Research Dissertation

60 Points 0.5000 EFTS

This course is designed for students with a demonstrated ability to conduct postgraduate research and/or progress to thesis writing in Māori and Indigenous Studies. Students are invited to discuss a topic of their choice with staff. Students are expected to make a short presentation at the School's Annual Matariki Research Seminar Series.

P: Subject to approval of the Head of School.

Domestic Fee: \$3,610 (2021)

International Fee: \$16,500 (2021)

TREO591-22A (C) Starts Anytime**TREO591-22W (C) Whole Year (S1 and S2)****TREO592 Rangahau - Research Paper**

30 Points 0.2500 EFTS

This course is designed for students with a demonstrated ability to conduct postgraduate research and/or progress to thesis writing in Māori and Indigenous Studies. Students are invited to discuss a topic of their choice with staff. Students are expected to make a short presentation at the School's Annual Matariki Research Seminar Series.

P: Subject to approval of the Head of School.

Domestic Fee: \$1,805 (2021)

International Fee: \$8,250 (2021)

TREO592-22S1 (C) Semester 1**TREO593 Rangahau - Research Paper**

30 Points 0.2500 EFTS

This course is designed for students with a demonstrated ability to conduct postgraduate research and/or progress to thesis writing in Māori and Indigenous Studies. Students are invited to discuss a topic of their choice with staff. Students are expected to make a short presentation at the School's Annual Matariki Research Seminar Series.

P: Subject to approval of the Head of School.

Domestic Fee: \$1,805 (2021)

International Fee: \$8,250 (2021)

TREO593-22S2 (C) Semester 2**TREO595 Tuhinga Pūkenga - Creative or Professional Writing Project**

90 Points 0.7500 EFTS

This course allows students produce creative works which return te reo Māori to a language of the arts, professional works which return te reo to a language of political and community dialogue, or language revitalisation strategies that effectively normalise te reo Māori in ever expanding segments of our community and translations which enable historical and contemporary works to be bilingual and timeless.

P: Subject to approval of the Head of School.

Domestic Fee: \$5,811 (2021)

International Fee: \$24,750 (2021)

TREO595-22A (C) Starts Anytime**TREO650 MA Dissertation**

60 Points 0.5000 EFTS

MA Dissertation

P: Subject to approval of the Head of Department.

Domestic Fee: \$3,610 (2021)

International Fee: \$16,500 (2021)

TREO650-22A (C) Starts Anytime**TREO650-22S1 (C) Semester 1****TREO650-22S2 (C) Semester 2****TREO690 MA Thesis**

120 Points 1.0000 EFTS

P: Subject to approval of the Head of School.

Domestic Fee: \$7,220 (2021)

International Fee: \$33,000 (2021)

TREO690-22A (C) Starts Anytime*Part-time enrolment (0.65 EFTS) is available on approval.***TREO790 Te Reo Māori PhD**

120 Points 1.0000 EFTS

Te Reo Māori PhD

P: Subject to approval of the Head of Department.

Domestic Fee: \$7,220 (2021)

International Fee: \$33,000 (2021)

TREO790-22A (C) Starts Anytime

Transitions

Student Transitions and Engagement

TRNS001 Academic Writing and Study Skills

15 Points 0.1250 EFTS

This course provides an introduction to the conventions of academic reading, writing, referencing and research. Students will be introduced to a variety of study skills such as time management, reflection and revision.

P: Subject to approval of the Programme Manager.

R: PREP001, BRDG006

Domestic Fee: \$785 (2021)

International Fee: \$3,500 (2021)

TRNS001-21SU2 (C) Summer (Nov 21)**TRNS001-21SU2 (D) Summer (Nov 21)****TRNS001-22B1 (C) Bridging 1****TRNS001-22B1 (D) Bridging 1****TRNS001-22B3 (C) Bridging 3****TRNS001-22B3 (D) Bridging 3****TRNS001-22SU2 (C) Summer (Nov 21)****TRNS001-22SU2 (D) Summer (Nov 21)****TRNS002 Te Uku: Perspectives on the history and political expansions of Aotearoa and the Pacific**

15 Points 0.1250 EFTS

The purpose of this course is to give students a foundational knowledge base on the history of migration and peopling of the Pacific with a strong focus on Aotearoa and the political connections between Māori and the British Crown. With the analysis of various forms of media and historical texts, TRNS002 explores contemporary truths of Aotearoa and examines how influence and perception have moulded New Zealand culture, politics, and society.

P: Subject to approval of the Programme Manager

R: BRDG035

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TRNS002-22SU1 (C) Summer (Jan 22)**TRNS002-22SU1 (D) Summer (Jan 22)****TRNS002-22B1 (C) Bridging 1****TRNS002-22B1 (D) Bridging 1****TRNS002-22B3 (C) Bridging 3****TRNS002-22B3 (D) Bridging 3****TRNS002-22SU2 (C) Summer (Nov 21)****TRNS002-22SU2 (D) Summer (Nov 21)****TRNS003 An Introduction to Social Issues and Challenges**

15 Points 0.1250 EFTS

The purpose of this course is to give students an introduction to the social sciences by closely examining a variety of perspectives on social issues within Aotearoa and beyond. It introduces students to the exploration of how institutions and dominant paradigms influence social thought and norms at particular times. Through the analysis of texts and media, this comparative study of societies will cover topics that provide insights into local and international approaches to social issues.

P: Subject to approval of the Programme Manager

R: BRDG011 and BRDG034

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TRNS003-22SU1 (C) Summer (Jan 22)**TRNS003-22SU1 (D) Summer (Jan 22)****TRNS003-22B2 (C) Bridging 2****TRNS003-22B2 (D) Bridging 2****TRNS003-22B4 (C) Bridging 2****TRNS003-22B4 (D) Bridging 2****TRNS004 Teacher Education and Educational Studies**

15 Points 0.1250 EFTS

In this course students will gain a basic understanding of the nature and purpose of education, both in general and in the specific Aotearoa New Zealand context, and of what factors contribute to effective learning and teaching. Students will be introduced to important documents such as the New Zealand Curriculum (2007) and Te Whariki (2017). Issues related to diversity and inclusion in education will be explored with consideration also of the wider contexts in which the education system operates.

P: Subject to approval of the Programme Manager.

R: PREP018, BRDG014

Domestic Fee: \$785 (2021)

International Fee: \$3,500 (2021)

TRNS004-21SU2 (C) Summer (Nov 21)**TRNS004-21SU2 (D) Summer (Nov 21)****TRNS004-22B2 (C) Bridging 2****TRNS004-22B2 (D) Bridging 2****TRNS004-22B4 (C) Bridging 2****TRNS004-22B4 (D) Bridging 2**

Transitions

TRNS005 Exploring the Psychology and Biology of the Human Mind

15 Points 0.1250 EFTS

This course will introduce students to the main psychological approaches used to explain behaviour and key biological concepts relevant to human biology such as genetic expression and variation, basic cellular processes and evolution. Students will also discuss ethical challenges associated with research in the fields of biology and psychology.

P: Subject to approval of the Programme Manager

Domestic Fee: \$785 (2021)

International Fee: \$3,500 (2021)

TRNS005-21SU2 (C) Summer (Nov 21)

TRNS005-21SU2 (D) Summer (Nov 21)

TRNS005-22B2 (C) Bridging 2

TRNS005-22B2 (D) Bridging 2

TRNS005-22B4 (C)

TRNS005-22B4 (D)

TRNS006 Chemistry: An introduction to atoms, bonding, and reactions

15 Points 0.1250 EFTS

This course is designed to provide students with a basic understanding of chemical principles and the language of chemistry in order to better describe the properties and reactions of elements and compounds. Laboratory sessions will allow students to apply their knowledge and develop their practical skills. Students will be introduced to key chemical principles as they study a range of chemical reactions, including precipitation reaction, oxidation-reduction reactions, acid-base reactions, equilibrium reactions and some simple organic reactions, throughout the course. Key chemical principles covered include; atomic structure, chemical bonding, Bronsted-Lowry theory of acids and bases, Lewis Diagrams, molecular shape, energy and enthalpy in chemistry, Le Chatelier's principle, qualitative and quantitative analysis and the mole concept. As this is an introductory course it has been designed to allow for students with little or no background in chemistry. However, students with a weak chemistry background will find the course challenging and will need to spend more time studying in their own time.

P: Subject to approval of the Programme Manager.

R: PREP010, BRDG023

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TRNS006-22SU1 (C) Summer (Jan 22)

TRNS006-22B2 (C) Bridging 2

TRNS006-22B4 (C)

TRNS007 Preparatory Mathematics

15 Points 0.1250 EFTS

In this course, students will develop basic skills in algebra, including the application of algebra to the physical sciences and commerce. Students will also be introduced to some basic concepts in trigonometry and calculus. The course aims to build students' confidence and the mathematical knowledge and skills necessary for success in MATH101: Methods of Mathematics.

P: Subject to approval of the Programme Manager.

R: BRDG015, FOUN046, BRDG018, BRDG016

Domestic Fee: \$785 (2021)

International Fee: \$3,500 (2021)

TRNS007-21SU2 (C) Summer (Nov 21)

TRNS007-22B1 (C) Bridging 1

TRNS007-22B3 (C) Bridging 3

TRNS007-22SU2 (C) Summer (Nov 21)

TRNS008 Fundamental Physics

15 Points 0.1250 EFTS

The course covers basic concepts in the areas of Mechanics, Electricity, and Magnetism, preparing students for 100-level Physical Science courses. The course provides experience in theoretical and practical Physics, develops relevant practical and reporting skills, and helps students develop the skills and attitudes necessary for successful problem solving, investigation, and enquiry in Physics. The course will help students develop an appreciation of Physics as a human activity with applications and technological developments relevant to the lives of everyday people.

P: TRNS007

R: FOUN060, BRDG024

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TRNS008-22SU1 (C) Summer (Jan 22)

TRNS008-22B2 (C) Bridging 2

TRNS008-22B4 (C)

TRNS009 An Introduction to Statistics and Probability

15 Points 0.1250 EFTS

The course will begin with an introduction to basic numeracy and algebra. Statistics will be covered at an entry level, introducing an understanding of what statistics is, what is data and an introduction in how to collect, analyse, present, interpret and use data appropriately. Key subject areas that will also be covered include discrete and continuous random variables and probability. This is an introductory statistics course suitable for students with no prior knowledge or experience of statistics. However, Students who have not studied maths or statistics previously or beyond NCEA level 1 will find this course challenging and will need to work extra hard in their own time to ensure they keep up. The aim of this course is to provide students with the necessary math and statistical knowledge and skills in preparation for the 100 level statistics course, STAT101.

P: Subject to approval of the Programme Manager.

R: PREP005, BRDG019

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TRNS009-22SU1 (C) Summer (Jan 22)

TRNS009-22SU1 (D) Summer (Jan 22)

TRNS009-22B1 (C) Bridging 1

TRNS009-22B1 (D) Bridging 1

TRNS009-22B3 (C) Bridging 3

TRNS009-22B3 (D) Bridging 3

TRNS009-22SU2 (C) Summer (Nov 21)

TRNS009-22SU2 (D) Summer (Nov 21)

TRNS010 Digital Data: An exploration of the use and pervasiveness of data in a digitised society

15 Points 0.1250 EFTS

In this course, students will learn what data is and how it is used. It covers what it means for information to be stored, transferred, interpreted and processed by machines. It considers data critically as it makes preliminary exploration of how data is collected through devices and applications, to inform business decisions, government priorities, and scientific discoveries. Students learn to use and analyse data and to report and present their findings.

P: Subject to approval of the Programme Manager

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TRNS010-22SU1 (C) Summer (Jan 22)

TRNS010-22SU1 (D) Summer (Jan 22)

TRNS010-22B2 (C) Bridging 2

TRNS010-22B2 (D) Bridging 2

TRNS010-22B4 (C)

TRNS010-22B4 (D)

TRNS011 An Introduction to Business

15 Points 0.1250 EFTS

This course explores the fundamental principles and concepts of accounting and economics through simulated business examples. Students learn to estimate the value and the current state of the business and consider factors that affect growth opportunities, costs, risks, and prices. Students will be required to interpret information, situations, problems, decisions, and do equations that they are likely to encounter in the commercial sector.

P: Subject to approval of the Programme Manager

R: BRDG028, BRDG029

Domestic Fee: \$785 (2021)

International Fee: \$3,500 (2021)

TRNS011-21SU2 (C) Summer (Nov 21)

TRNS011-21SU2 (D) Summer (Nov 21)

TRNS011-22B2 (C) Bridging 2

TRNS011-22B2 (D) Bridging 2

TRNS011-22B4 (C)

TRNS011-22B4 (D)

TRNS012 An Invitation to Law

15 Points 0.1250 EFTS

This course provides a background to future legal study by introducing students to the sources of New Zealand law, and some basic understanding of how law is made and applied in the New Zealand legal system. Selected legal topics are used as a means of developing an understanding of the legal system and the skills for an organised approach to problem solving.

P: Subject to approval of the Programme Manager.

R: PREP016, BRDG031

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TRNS012-22SU1 (C) Summer (Jan 22)

TRNS013 Special Topic

15 Points 0.1250 EFTS

Not offered in 2022

P: Subject to approval of the Programme Manager.

R: BRDG032

TRNS017 Mathematics with Calculus

15 Points 0.1250 EFTS

In this course, students will strengthen their algebra skills while developing their skills in trigonometry and calculus. The course provides opportunities for students to set up mathematical models to solve problems. The mathematics in this course has applications in the areas of engineering, science, and commerce. The course aims to build students' confidence and the mathematical knowledge and skills for success in EMTH118 and MATH102.

P: FOUN046, BRDG016, or equivalent. Subject to approval of the Programme Manager.

R: FOUN047, BRDG017

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

TRNS017-22SU1 (C) Summer (Jan 22)

MATH101 Methods of Mathematics

15 Points 0.1250 EFTS

Introduction to calculus, trigonometry and algebra. Emphasis on setting up mathematical models of problems, solving them and interpreting the solutions. Applications to the physical, life and earth sciences as well as to commerce and the humanities.

R: MATH199

Domestic Fee: \$802 (2021)

International Fee: \$4,563 (2021)

MATH101-22S1 (C) Semester 1**MATH101-22W (C) Whole Year (S1 and S2)****MATH101-22S2 (C) Semester 2****MATH101-22S2 (D) Semester 2**

Transportation Engineering

Te Tari Pūhanga Metarahi, Rawa Taiao | Department of Civil and Natural Resources Engineering

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

ENTR401 Fundamentals of Transport Engineering

15 Points 0.1250 EFTS

Not offered in 2022

A self-study course covering: Transportation planning; Road link theory and design; Intersection analysis and design; Traffic studies; Accident reduction; Sustainable transport planning and design; Pavement design; Road asset management. Please refer to the Director of Transportation Engineering regarding availability.

P: Subject to approval of the Programme Director

R: ENCI412

ENTR602 Accident Reduction and Prevention

15 Points 0.1250 EFTS

Not offered in 2022

Impact on society; data analysis and interpretation; hazardous location identification; problem diagnosis; treatment options; treatment selection; economic appraisal; evaluation.

P: Subject to approval of the Programme Director

ENTR603 Advanced Pavement Design

15 Points 0.1250 EFTS

Stresses, strains and deflections in flexible and rigid pavements; pavement materials characterization; mechanistic and mechanistic-empirical design methods; pavement performance and evaluation.

P: Subject to approval of the Programme Director.

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENTR603-22S2 (C) Semester 2**ENTR604 Road Asset Management**

15 Points 0.1250 EFTS

Not offered in 2022

Road asset management concepts, levels and functions; data requirements; evaluation of functional and structural performance; intervention criteria; deterioration models; rehabilitation and maintenance strategies and priorities.

P: Subject to approval of the Programme Director.

ENTR607 Special Topic: Road Safety Improvement

15 Points 0.1250 EFTS

Impact on society; safe systems; data analysis and interpretation; hazardous location identification; problem diagnosis; treatment options; treatment selection; economic appraisal; evaluation.

P: Subject to approval of the Programme Director

EQ: ENTR602

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENTR607-22S1 (C) Semester 1**ENTR608 Traffic Management and Monitoring**

15 Points 0.1250 EFTS

Implementation of control theory in traffic control; introduction to coordinated urban network control; large-scale urban network modelling and control; traffic simulation; control theory in traffic engineering.

P: ENCN261, ENCN412 or equivalent

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENTR608-22S1 (C) Semester 1**ENTR609 Special Topic**

15 Points 0.1250 EFTS

Used for additional one-off courses or individualised study for a student. Refer to Director of Transportation Engineering regarding availability.

P: Subject to approval of the Programme Director.

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENTR609-22S2 (C) Semester 2**ENTR610 Special Topic**

15 Points 0.1250 EFTS

Used for additional one-off courses or individualised study for a student. Refer to Director of Transportation Engineering regarding availability.

P: Subject to approval of the Programme Director.

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENTR610-22S1 (C) Semester 1**ENTR611 Planning and Managing for Transport**

15 Points 0.1250 EFTS

Not offered in 2022

Road and transport administration in NZ; Transport legislative environment in NZ; Communication/presentation skills; Public consultation; Traffic surveys; Transport assessment and economics; Demand management and tolling; Construction planning and contract management.

P: Subject to approval of the Programme Director.

ENTR612 Transport Policy and System Management

15 Points 0.1250 EFTS

Not offered in 2022

Transport economics; Travel demand management; Transport policy objectives and instruments; Traffic management modelling.

P: Subject to approval of the Programme Director

R: ENTR601

ENTR613 Highway Geometric Design

15 Points 0.1250 EFTS

Not offered in 2022

Geometric design context; Human and vehicle factors; Sight distance; horizontal and vertical alignment; Cross-section design; Design plans and checking; Land use access; Signs, markings and delineation; Intersection and interchange design; Major design project.

P: Subject to approval of the Programme Director

ENTR614 Planning and Design of Sustainable Transport

15 Points 0.1250 EFTS

Pedestrian planning and design; Cycle planning and design; Public transport operations and network design; Travel behaviour change and travel plans.

P: Subject to approval of the Programme Director

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENTR614-22S2 (C) Semester 2**ENTR615 Advanced traffic flow theory and simulation**

15 Points 0.1250 EFTS

This course introduces advanced concepts and principles of traffic flow modelling. Participants will also obtain skills in the practical application of traffic simulation software.

P: ENCN 412: traffic engineering or equivalent

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENTR615-22S2 (C) Semester 2**ENTR616 Transport Planning and Modelling**

15 Points 0.1250 EFTS

Not offered in 2022

Urban transport planning models; travel demand modelling and prediction; project appraisal; advanced traffic/transport modelling.

P: Subject to approval of the Programme Director

R: ENTR605

ENTR617 Traffic Network Modelling and Optimization

15 Points 0.1250 EFTS

Not offered in 2022

This course reviews and extends the fundamental concepts and principles of good traffic engineering design (as taught at undergraduate level) and applies them to a variety of typical (mainly urban) situations. The course is expected to develop student skills to the level where the student understands the theory behind many aspects of traffic behaviour, and can reasonably identify, diagnose and treat typical traffic engineering problems.

P: ENCN 412: traffic engineering or equivalent

ENTR618 Transport and Freight Logistics

15 Points 0.1250 EFTS

Not offered in 2022

Urban goods movement; Transport/freight logistics; Supply chain management; Planning/ design for other transport modes (rail, air, sea).

P: Subject to approval of the Programme Director.

ENTR620 Independent Course of Study

15 Points 0.1250 EFTS

Independent course of study in a special topic.

P: Subject to approval of the Programme Director.

Domestic Fee: \$1,133 (2021)

International Fee: \$5,625 (2021)

ENTR620-22A (C) Starts Anytime**ENTR680 Project**

60 Points 0.5000 EFTS

P: Subject to approval of the Programme Director

Domestic Fee: \$4,531 (2021)

International Fee: \$22,500 (2021)

ENTR680-22A (C) Starts Anytime**ENTR690 Transportation ME thesis**

120 Points 1.0000 EFTS

P: Subject to approval of the Programme Director

Domestic Fee: \$8,697 (2021)

International Fee: \$45,000 (2021)

ENTR690-22A (C) Starts Anytime*Part-time enrolment (0.65 EFTS) is available on approval.***ENTR790 Transportation Engineering PhD**

120 Points 1.0000 EFTS

P: Subject to approval of the Programme Director

Domestic Fee: \$8,697 (2021)

International Fee: \$45,000 (2021)

ENTR790-22A (C) Starts Anytime

*Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Water Resource Management

Waterways Centre for Freshwater Management

WATR201 Freshwater Resources

15 Points 0.1250 EFTS

Characterisation and assessment of freshwater resources and current stresses upon these.

Topics will include; characteristics and vulnerability of the hydrological cycle, aquatic processes and aquatic ecosystems, cultural values, hazards, anthropogenic use, stresses and their effects on water quality, quantity, ecosystem health/diversity and future use, resource limitations and connections to economy, tools and techniques for resource assessment.

P: Any 75 points at 100 level

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

WATR201-22S2 (C) Semester 2*Fieldwork is required.***WATR203 Freshwater Science Field Skills**

15 Points 0.1250 EFTS

In this course students will develop practical skills in sampling freshwaters, identification of freshwater organisms, and assessing hydrological conditions and water-quality.

P: A freshwater-related course of study or appropriate freshwater-related work experience as determined by the Head of Programme.

Domestic Fee: \$910 (2021)

International Fee: \$4,438 (2021)

WATR203-21SU2 (C) Summer (Nov 21)**WATR301 Water Resource Management**

15 Points 0.1250 EFTS

Management of freshwater resources and current issues relating to the use of water. Topics will include: frameworks for water management, reconciling economic, environmental, social and cultural needs, conflicts over water resource use, legislative requirements, hazard management and mitigation, and future water uses. Includes a half-day fieldtrip.

P: 45 points at 200 level in any subject area.

Domestic Fee: \$926 (2021)

International Fee: \$4,563 (2021)

WATR301-22S1 (C) Semester 1*Fieldwork is required.*

Postgraduate

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

WATR401 Advanced Water Resources

15 Points 0.1250 EFTS

Freshwater resource definition, characterisation, use, and impacts of exploitation and their management or mitigation. Topics will include; perspectives/values (including cultural) associated with water bodies, anthropogenic stresses and their effects on resources, key aquatic and ecosystems processes, methods of characterisation and impact assessment, hazards, NZ legislative frameworks relating to water and environmental resource, and catchment management approaches. Will include a compulsory one-day fieldtrip.

P: (i) Entry is subject to approval by the Programme Director (2) BSc, BE(Hons), BEMP (LU) or equivalent qualification or experience in a field of relevance in water resource management

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

WATR401-22S1 (C) Semester 1*Fieldwork is required.***WATR402 Water Quality and Quantity Assessment**

15 Points 0.1250 EFTS

Quantification of freshwater water resources, and methods for environmental impact control and mitigation. Topics to include; measuring flow, quality and ecosystem health, development and application of national standards, indicators (including cultural indicators) and guidelines for water quantity and quality, point- and non-point source contaminant characterisation, monitoring programme design & implementation, modelling resource change, and drinking/waste water treatment methods. Candidates should note that this course includes a block course in the mid-semester break. Actual dates of the course to be advised.

P: (i) Entry is subject to approval by the Programme Director (2) BSc, BE, BEMP (LU) or equivalent qualification or experience in a field of relevance in water resource management

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

WATR402-22S2 (C) Semester 2*Fieldwork is required.***WATR403 Water Management, Policy and Planning**

15 Points 0.1250 EFTS

Resource management models, policy and planning, within the context of environmental legislation and sound resource management. Topics will include; Resource management models for integrating environmental, social, economic and cultural water values; Legislative frameworks for water governance and management, including local, regional, national and international policy development and water management strategies; Hazard risk assessment and management for resilience; Professional ethics; RMA policy, planning and consenting procedures, using case studies of water use; Projections of future issues, alternative sustainable management and legislative strategies. Will include a compulsory one-day fieldtrip.

P: (i) Entry is subject to approval by the Programme Director, (2) BSc, BE, BEMP(LU) or equivalent qualification or experience in a field of relevance in water resource management.

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

WATR403-22S2 (C) Semester 2*Fieldwork is required.***WATR404 Special Topic**

15 Points 0.1250 EFTS

Not offered in 2022

Special Topic in Water Resource Management, in which a specific course of study will be developed to suit student needs. Permission to enrol is required from the WRM Programme Director, to be granted pending an appropriate course of study developed by a nominated supervisor, in consultation with the student.

P: Subject to approval of Director, WCFM

WATR405 Research and Communication Methods

15 Points 0.1250 EFTS

This course will convey the type of research undertaken to solve water resource management problems, and how to communicate research results and information effectively in different forums and to different audiences. Topics include: literature search and analysis, research hypothesis development, proposal preparation, research programme design, ethical, cost and health and safety considerations, and effective techniques for oral and written communication.

Domestic Fee: \$1,084 (2021)

International Fee: \$5,000 (2021)

WATR405-22S1 (C) Semester 1**WATR690 MWaterRM Thesis**

120 Points 1.0000 EFTS

Research thesis on a topic of relevance to Water Resource Management.

P: Subject to the approval by the Director of Waterways Centre

Domestic Fee: \$8,172 (2021)

International Fee: \$40,000 (2021)

WATR690-22A (C) Starts Anytime*Part-time enrolment (0.65 EFTS) is available on approval.***WATR790 Water Resource Management PhD**

120 Points 1.0000 EFTS

P: Subject to approval of the Director of the Waterways Centre

Domestic Fee: \$8,172 (2021)

International Fee: \$40,000 (2021)

WATR790-22A (C) Starts Anytime*Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Writing

*Te Kura Kete Aronui | School of Humanities and Creative Arts***WRIT101 Writing for Academic Success**

15 Points 0.1250 EFTS

Writing for Academic Success fosters the capacity for analytical thought about texts and language. The course also provides training in the writing of clear and effective prose, inculcates awareness of crucial structural and rhetorical features of expository writing, and encourages the application of that awareness to writing in a range of academic and professional contexts.

R: ENGL117

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

WRIT101-22S1 (C) Semester 1**WRIT101-22S1 (D) Semester 1****WRIT101-22S2 (C) Semester 2****WRIT101-22S2 (D) Semester 2**

Postgraduate

*Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.***WRIT401 Advanced Reading and Writing**

30 Points 0.2500 EFTS

This course teaches students to develop advanced writing skills in a range of genres and styles through exposure to research on writing and through the critical analysis of models of excellent writing.

P: Entry is subject to approval of the Head of Department.

RP: A Bachelor's degree (with at least a B average in 300-level courses) in any subject in which writing comprises a significant part of the assessment

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

WRIT401-22S1 (C) Semester 1**WRIT402 Professional Writing**

30 Points 0.2500 EFTS

This course will develop students' capacity to produce professional writing according to a range of practices, within a variety of contexts and genres, and in response to the needs and expectations of diverse audience groups.

P: Entry is subject to approval of the Head of Department.

RP: A Bachelor's degree (with at least a B average in 300-level courses) in any subject in which writing comprises a significant part of the assessment

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

WRIT402-22S2 (C) Semester 2**WRIT403 Creative Writing**

30 Points 0.2500 EFTS

This course will develop students' capacity to produce creative writing according to a range of practices, within a variety of contexts and genres, and in response to the needs and expectations of diverse audience groups.

P: Entry is subject to approval of the Head of Department.

RP: A Bachelor's degree (with at least a B average in 300-level courses) in any subject in which writing comprises a significant part of the assessment

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

WRIT403-22S2 (C) Semester 2**WRIT680 Extended Writing Project**

60 Points 0.5000 EFTS

WRIT680 comprises a single extended writing project, supervised by a staff member of the English Department. The size of the project will normally approximate to 20,000 words of prose, 15-20 pages of poetry, or 30-40 pages of dramatic script.

P: Entry is subject to approval of the Head of Department.

RP: A Bachelor's degree (with at least a B average in 300-level courses) in any subject in which writing comprises a significant part of the assessment

Domestic Fee: \$3,874 (2021)

International Fee: \$16,500 (2021)

WRIT680-22A (C) Starts Anytime

Youth and Community Leadership

*Te Kura Ārahi Ako | School of Educational Studies and Leadership***YACL101 Introduction to Youth Leadership: Leading the Self**

15 Points 0.1250 EFTS

What is the role of 'the self' in youth and community leadership? What are the personal dispositions required for youth and community leadership and how might these be nurtured within, for and by the self, and/or by others? In this course, students will explore self-leadership from contemporary psychological, philosophical, cultural, and/or any other theoretical perspective/s relevant to their situation and to contemporary Aotearoa. Kaupapa Māori approaches will be explored, as part of which students will be required to have experienced a stay on the noho marae (or alternative).

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

YACL101-22S1 (C) Semester 1**YACL101-22S1 (D) Semester 1****YACL102 Special Topic: Introduction to Professional Youth Work in Aotearoa**

15 Points 0.1250 EFTS

In this course, you will be introduced to and learn about the professional practice of youth work in Aotearoa. You will learn about the context within which youth work in Aotearoa operates, its history and current structures in Aotearoa. The course will help you understand the principles of the sector and explicitly acknowledges the diversity and mana of young people. In this course, you will examine how young people build and sustain quality relationships and connect to the social, physical and digital world, demonstrating knowledge of hononga and whanaungatanga. We will investigate the legal and ethical requirements for the care of young people in Aotearoa in the context of holistic wellbeing, responsibility and reciprocity. You will be introduced to frameworks that are used in the youth work sector to facilitate manaakitanga, youth participation and what whaitanga, recognising young people as valued contributors to society.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

YACL102-22S2 (C) Semester 2**YACL102-22S2 (D) Semester 2****YACL201 Social Leadership: Leading with Others**

15 Points 0.1250 EFTS

Social leadership - leading with others - explores the dynamics of collaboration and social change and their implications for leadership. Theories of group leadership, problem-solving styles and the potential of different types of leadership will be analysed and critiqued. In this course, students will reflect on and trace their participation as members of various communities: whānau, community, iwi, professional, social and so on. The course draws on the taonga of bicultural Aotearoa to consider the strengths of indigenous leadership and its resonance with and insights for community leadership globally

P: YACL101; or CHCH101 and 15 points in EDUC at 100 level; or 30 points in EDUC at 100 level; or permission of the Head of School.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

YACL201-22S2 (C) Semester 2**YACL201-22S2 (D) Semester 2**

Zoology

YACL301 Civic Leadership: Leading for Change

15 Points 0.1250 EFTS

In this course, students will learn the necessary research skills, as well as digital, ethical and cultural considerations, to explore the background of an issue or challenge they see for youth and/or their community, hapu, or iwi. These may include issues of social justice, equity, sustainability, positive development, policy, (global) citizenship and others. Culturally responsive approaches to gathering evidence drawing on the braided rivers model (Macfarlane, Macfarlane & Gillon 2015) will guide this course. Students will develop an action plan of how to address their chosen topic, measure the effectiveness and impact of their actions, and to write a proposal that reflects all relevant aspects. As part of the course, we will take part in a Noho Marae with YACL101 students to deepen and extend our bi-cultural understanding in relation to our community project and to support the next generation of YACL students on their journey, acting as tuakana to our teina colleagues.

P: YACL101 and YACL201

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

YACL301-22S1 (C) Semester 1

YACL301-22S1 (D) Semester 1

YACL302 Leadership Project: Implementing Change

15 Points 0.1250 EFTS

In this course, students will take action to address an issue of concern they investigated in the previous course YACL301. The developed proposal for change is enacted in this course, displaying leadership through change for youth and/or communities, such as whānau, hapu, iwi. Students are encouraged to work in small interest groups, within and beyond the class group, on a local, national or international issue, document their progress and experiences, and report on the actions taken and the effect their actions had. Emphasis is placed on respectful and considerate engagement and practice with affected communities in a culturally responsive manner through recognition of the Treaty of Waitangi principles.

P: YACL301

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

YACL302-22S2 (C) Semester 2

YACL302-22S2 (D) Semester 2

YACL303 Special Topic: Professional Youth Work in Practice

15 Points 0.1250 EFTS

This course is the capstone for the Youth work and development pathway within the Bachelor of Youth and Community Leadership degree. As such, students will be invited to reflect on their prior personal and professional experiences within the context of relevant literature on youth work with a particular focus on what this field consists of in Aotearoa New Zealand. By using an ako approach where we are all students and teachers/experts of our own experiences, the course will foster an environment of shared responsibility for learning and will create opportunities for each student to share their experiences both within and outside of the course. Within the course, students will engage with academic content, field experiences, guest speakers, and assessment tasks that pull it all together and provide a way for students to make a positive impact on the youth work sector. This will truly be an applied learning course designed to culminate the degree in a celebratory and meaningful way.

P: Students will need to have successfully completed YACL102 (Introduction to Professional Youth Work in Aotearoa) OR gained 30pts in YACL courses + EDUC102 (Child and Adolescent Development) before entry into YACL303.

Domestic Fee: \$799 (2021)

International Fee: \$3,600 (2021)

YACL303-22S2 (C) Semester 2

YACL303-22S2 (D) Semester 2

Postgraduate

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

YACL401 Youth and Community Leadership in Global Contexts

30 Points 0.2500 EFTS

In this course, students will evaluate different forms of leadership and apply relevant concepts to their own professional or community contexts. Utilising the United Nation's Sustainable Development Goals as examples will invite students to situate local youth and community issues in a global context. Students will engage with a local community (including youth) and tangata whenua to identify a local challenge or issue and develop a community action project (CAP) proposal. This will be accomplished in collaboration with the community and will include consideration of Te Tiriti o Waitangi articles and the principles of participation, protection, and partnership.

P: HOD Mandatory

Domestic Fee: \$1,937 (2021)

International Fee: \$8,250 (2021)

YACL401-22S1 (D) Semester 1

Zoology

Te Kura Pūtaiao Koiora | School of Biological Sciences

Note: Postgraduate courses may be subject to change. For up-to-date information, students are advised to check www.canterbury.ac.nz/courses or consult the relevant School/Department.

ZOOL480 Research Project

30 Points 0.2500 EFTS

A written report on a research project approved by the Head of Department. The report must be completed and presented to the Registrar by 1 November in the year in which the student presents the courses selected from BIOL401-409, BIOL430-433, BIOL450-452, BIOL470-476, BIOL490.

P: Subject to approval of the Head of School.

EQ: ZOOL471

Domestic Fee: \$2,168 (2021)

International Fee: \$10,000 (2021)

ZOOL480-22W (C) Whole Year (S1 and S2)

ZOOL690 MSc Thesis

120 Points 1.0000 EFTS

P: Subject to approval of the Head of School.

Domestic Fee: \$8,172 (2021)

International Fee: \$40,000 (2021)

ZOOL690-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval.

ZOOL790 Zoology PhD

120 Points 1.0000 EFTS

P: Subject to approval of the Head of School.

Domestic Fee: \$8,172 (2021)

International Fee: \$40,000 (2021)

ZOOL790-22A (C) Starts Anytime

Part-time enrolment (0.65 EFTS) is available on approval. *From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.

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