

2013 Course Catalogue

Course information in the 2013 Course Catalogue is, as far as possible, accurate up to 22 October 2012. However, course information is subject to change. Please check www.canterbury.ac.nz/courses for the latest information.

Page	Subject	Page	Subject
453	Accounting	524	Computational and Applied Mathematics
457	Accounting and Information Systems	524	Computer Engineering
457	American Studies	525	Computer Science
462	Antarctic Studies	530	Construction Management
463	Anthropology	530	Cultural Studies
468	Applied Psychology	534	Development Studies
470	Art Curatorship	534	Digital Humanities
470	Art History and Theory	534	Diplomacy and International Relations
472	Art History	538	Earthquake Engineering
474	Art Theory	539	Ecology
474	Arts	540	Economics
475	Astronomy	547	Education
477	Audiology	573	Electrical and Electronic Engineering
479	Biochemistry	577	Engineering
481	Bioengineering	579	Engineering Geology
482	Biological Sciences	581	Engineering Management
488	Biosecurity	581	Engineering Mathematics
488	Biotechnology	584	English
488	Bridging Programmes	592	Environmental Science
492	Business Administration	592	European Languages and Cultures
495	Cellular and Molecular Biology	593	European Union Studies
496	Chemical and Process Engineering	597	European Studies
499	Chemistry	599	Evolutionary Biology
503	Child and Family Psychology	600	Film
504	Chinese	600	Finance
508	Cinema Studies	603	Fine Arts
511	Civil Engineering	603	Fire Engineering
516	Classics	605	Forest Engineering
521	Communication Disorders	605	Forestry

Page	Subject	Page	Subject
610	French	716	Microbiology
614	Freshwater Management	716	Music
615	Gender Studies	724	Natural Resources Engineering
615	Geographic Information Science	728	Pacific Studies
617	Geography	731	Painting
622	Geology	731	Philosophy
626	German	738	Photography
629	Graphic Design	739	Physical Education
630	Hazard and Disaster Management	742	Physics
631	Health Sciences	746	Plant Biology
638	Higher Education	746	Political Science
638	History	756	Printmaking
647	History and Philosophy of Science	756	Psychology
649	Human Interface Technology	764	Religious Studies
649	Human Services	764	Russian
655	Information Systems	767	Science and Entrepreneurship
657	International Law and Politics	767	Science Education
660	Japanese	768	Science, Māori and Indigenous Knowledge
665	Journalism	768	Sculpture
666	Languages and Cultures	768	Seafood Sector: Management and Science
666	Law	769	Social Work
677	Linguistics	775	Sociology
680	Management	781	Soil Science
685	Management Science	781	Software Engineering
687	Māori and Indigenous Studies	782	South Asia Studies
695	Māori	783	Spanish
695	Marketing	786	Speech and Language Pathology
698	Mathematical Physics	786	Sport Coaching
698	Mathematics	789	Statistics
704	Mathematics and Philosophy	793	Taxation
704	Mechanical Engineering	793	Teacher Education
711	Mechatronics Engineering	809	Te Reo Māori
711	Media and Communication	813	Theatre and Film Studies
715	Medical Physics	816	Transportation Engineering
716	Medical Physics (Clinical)	818	Zoology

How to read a Course Catalogue entry

The diagram below 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	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		
Co-requisites	C: PHYS 398		
Restrictions	R: ASTR 392		
Recommended preparation	RP: PHYS 201		
Equivalent courses	EQ: ASTR 392		
Course occurrence code	PHYS399-13S1 (C)	Semester 1	
Notes	Note: Limited entry. See limitation of entry regulations.		

Course code

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

Course title

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

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 (P) are the course(s) you need to have passed before you can enrol in a course.

Co-requisites

Co-requisites (C) are courses you must either have already passed, or be concurrently enrolled in, to enrol in a course.

Restrictions

A restrictions (R) means you cannot count both this course and any course(s) restricted against it towards the same 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 (EQ) are courses which cover the same material but which are coded to different subjects or different qualifications (this is known as 'double-coding').

Course occurrence code

eg, PHYS 399-13SU2 (C) Summer (Nov13)

The course occurrence code is made up of the course code (eg, PHYS 399), the year it is being offered in (eg, 13 = 2013), a semester indicator (eg, SU2 = Summer course with a November 2013 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 2013 course dates

Semester Indicator	Semester Description	Official course start date	Official course finish date
S1	Semester One	18 February	23 June
S2	Semester Two	8 July	10 November
W	Whole Year	18 February	10 November
CY	Cross Year	9 July	29 June 2014
B1	Bridging One	18 February	26 May
B2	Bridging Two	17 June	22 September
B3	Bridging Three	14 October	26 January 2014
FY	Full Year	18 February	16 February 2014
M1	MBA One	11 February	7 April
M2	MBA Two	29 April	23 June
M3	MBA Three	8 July	1 September
M4	MBA Four	16 September	10 November
YC	Full Year C	4 February	17 November
YC1	Year C First Half	4 February	30 June
YC2	Year C Second Half	16 July	17 November
YD	Full Year D	18 February	17 November
YD1	Year D First Half	18 February	30 June
YD2	Year D Second Half	15 July	17 November

Notes: These important dates were accurate as at August 2012. All dates are 2013 unless otherwise noted. Any changes will be updated on www.canterbury.ac.nz/enrol/dates.shtml.

Summer courses and other semester indicators

The following semesters start and finish on various dates.

Semester Indicator	Semester Description
SU1	Summer (Jan 2013 start)
SU2	Summer (Nov 2012 start)
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
C	Christchurch, on-campus
D	Distance
N	Nelson
R	Rotorua
Y	New Plymouth
O	Off Campus (TAFS)

Accounting

Department of Accounting and Information Systems

ACCT 102 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: ACIS 102, AFIS 101, AFIS 102, AFIS 111, AFIS 122, AFIS 132, AFIS 188.

ACCT102-13S1 (C) Semester 1

ACCT102-13S2 (C) Semester 2

ACCT 103 Introduction to Financial Accounting

15 Points 0.1250 EFTS

Accounting processes, preparation and analysis of financial reports, the reporting framework. The course aims to introduce students intending to major in accounting to the essential techniques of financial accounting.

P: ACCT 102 or ACIS 102 or AFIS 102 or AFIS 188

R: ACIS 103, AFIS 101, AFIS 103, AFIS 111, AFIS 121, AFIS 131

ACCT103-13S1 (C) Semester 1

ACCT103-13S2 (C) Semester 2

ACCT 152 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: ACIS 152, AFIS 151, AFIS 152

ACCT152-13S1 (C) Semester 1

ACCT 211 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: One of ACCT 103, AFIS 101, ACIS 103 or AFIS 103, AFIS 111, AFIS 122, AFIS 132 or (AFIS 121 and AFIS 102).

R: ACIS 211, AFIS 211

ACCT211-13S2 (C) Semester 2

ACCT 212 Accounting, Organisations and Society

15 Points 0.1250 EFTS

To develop participants' understanding of the nature of accounting work as it is performed in a range of organizational contexts, and to critically examine its

socio-economic, political, cultural, gender, diversity, and environmental impacts, from a variety of New Zealand and international perspectives.

P: 120 points at 100 or 200-level, which must include ACCT 102.

ACCT212-13S2 (C) Semester 2

ACCT 222 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: ACCT 102 or ACIS 102 or AFIS 102 or AFIS 188

R: ACIS 222, AFIS 222

ACCT222-13S1 (C) Semester 1

ACCT 252 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: ACCT 152 or ACIS 152 or AFIS 152 or LAWS 101

R: ACIS 252, AFIS 151, AFIS 252, LAWS 203.

ACCT252-13S2 (C) Semester 2

ACCT 254 Introduction to Taxation

15 Points 0.1250 EFTS

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

P: One of ACCT 103, ACIS 103, AFIS 103, AFIS 101, AFIS 111, AFIS 122, AFIS 132 or (AFIS 121 and ACIS 102).

C: One of ACCT 152, ACIS 152, AFIS 152, AFIS 151, LAWS 101.

R: ACIS 254, AFIS 254

EQ: ACIS 254

ACCT254-13S1 (C) Semester 1

ACCT 256 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: One of ACCT 152, ACIS 152, AFIS 151, AFIS 152, LAWS 101.

R: AFIS 253, ACIS 256, AFIS 256, LAWS 312

ACCT256-13S2 (C) Semester 2

ACCT 311 Financial Accounting Theory

15 Points 0.1250 EFTS

Develops a deeper and more critical appreciation of what defines contemporary accounting theory and practice and what it is that should define the nature, scope and future of accounting. Students are encouraged to explore the

conventional wisdom, idiosyncracies and solecisms of accounting.

P: ACCT 211 or ACIS 211 or AFIS 211

R: AFIS 301, ACIS 311, AFIS 311, AFIS 501.

ACCT311-1351 (C) Semester 1

ACCT 312 Advanced Financial Accounting

15 Points 0.1250 EFTS

Develops advanced understanding and abilities in aspects of financial accounting, including financial instruments, tax effect accounting and foreign exchange.

P: ACCT 211 or ACIS 211 or AFIS 211

R: ACIS 312, AFIS 301, AFIS 312, AFIS 501.

ACCT312-1352 (C) Semester 2

ACCT 316 Public Management and Governance

15 Points 0.1250 EFTS

A student-centred study of theories and practices of management and governance of governments and organisations that provide public services.

P: Any 75 points from (POLS, MGMT, ACCT, INFO, ACIS, AFIS, LAWS 206). At least 45 of these points must be at 200-level.

R: ACIS 316, AFIS 316, AFIS 516, POLS 316

EQ: ACIS 316, and AFIS 316

ACCT316-1352 (C) Semester 2

ACCT 332 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: (1) (ACCT 222 or ACIS 222 or AFIS 222) and (2) (ACCT 103 or ACIS 103 or AFIS 103 or AFIS 121)

R: ACIS 332, AFIS 332, AFIS 322, AFIS 522

ACCT332-1352 (C) Semester 2

ACCT 340 Special Topic: 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: (1) 30 points from the following 100-level courses: (ACCT 102 or ACIS 102 or AFIS 102), (ACCT 103 or ACIS 103 or AFIS 121), AFIS 122, AFIS 188, ECON 105, MGMT 100 or MGMT 101 or POLS 103; (2) At least 30 points at 200-level. Students without part (1) of this prerequisite but with 30 points in other appropriate courses (e.g. in science or technology) may enter the course with the permission of the Head of Department.

R: ACIS 340, AFIS 340

ACCT340-1352 (C) Semester 2

ACCT 341 Public Accounting and Finance

15 Points 0.1250 EFTS

A student-centred learning experience taking in New Zealand and neighbouring Pacific jurisdictions, to examine the roles and practices of accounting and finance among political, official and professional actors in governments and organisations that provide public services.

P: (1) 30 points from the following 100-level courses:

(ACCT 102 or ACIS 102 or AFIS 102), (ACCT 103 or ACIS 103 or AFIS 121), AFIS 122, AFIS 188, ECON 105, MGMT 100 or MGMT 101 or POLS 103; (2) At least 30 points at 200-level. Students without part (1) of this prerequisite but with 30 points in other appropriate courses (e.g. in science or technology) may enter the course with the permission of the Head of Department.

R: ACIS 341, AFIS 341

EQ: ACIS 341

ACCT341-1351 (C) Semester 1

ACCT 342 Contemporary Issues in Management Accounting

15 Points 0.1250 EFTS

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

P: (1) ACCT 222 or ACIS 222 or AFIS 222 (2) ACCT 103 or ACIS 103 or AFIS 103 or AFIS 121

R: ACIS 342, AFIS 322, AFIS 342, AFIS 522.

ACCT342-1351 (C) Semester 1

ACCT 346 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: (1) INFO 123 or ACIS 123 or AFIS 123, (2) ACCT 211 or ACIS 211 or AFIS 211.

R: ACIS 346, AFIS 306, AFIS 346, AFIS 506.

RP: INFO 243 or ACIS 243 or AFIS 243.

ACCT346-1351 (C) Semester 1

ACCT 356 Advanced Auditing

15 Points 0.1250 EFTS

A study of advanced topics and contemporary issues in auditing.

P: ACCT 346 or ACIS 346 or AFIS 346.

R: ACIS 356, AFIS 306, AFIS 356, AFIS 506.

ACCT356-1352 (C) Semester 2

ACCT 358 Advanced Issues in Taxation

15 Points 0.1250 EFTS

This course considers the interpretation of legislation; taxation of capital gains and investments; tax investigations

and dispute resolution; GST; FBT; international taxation; ethics; and tax planning, avoidance and evasion.

P: (1) AFIS 151 or ACCT 152 or ACIS 152, or LAWS 101; and (2) ACCT 254 or ACIS 254 or LAWS 326 or LAWS 352 or LAWS 394 or LAWS 395.

R: ACIS 358, ACIS 354

ACCT358-1351 (C) Semester 1

ACCT 359 Further Issues in Advanced Taxation

15 Points 0.1250 EFTS

This course considers theory of taxation and taxation research; binding rulings; the Financial Arrangements regime; company taxation; taxpayer compliance and simplification; taxation of electronic commerce; international organisations and other topics.

P: ACCT 358 or ACIS 358

R: ACIS 359, ACIS 354

ACCT359-1352 (C) Semester 2

ACCT 364 Special Topic

15 Points 0.1250 EFTS

Not offered in 2013

P: Subject to approval of the Head of Department.

R: AFIS 364

ACCT 365 Special Topic

15 Points 0.1250 EFTS

Not offered in 2013

P: Subject to approval of the Head of Department.

R: AFIS 365

ACCT 367 Special Topic

15 Points 0.1250 EFTS

Not offered in 2013

P: Subject to approval of the Head of Department.

R: AFIS 367

ACCT 368 Special Topic

15 Points 0.1250 EFTS

Not offered in 2013

P: Subject to approval of the Head of Department.

R: AFIS 368

ACCT 369 Special Topic

15 Points 0.1250 EFTS

Not offered in 2013

P: Subject to approval of the Head of Department.

R: AFIS 369

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.

ACCT 614 Research Methodology and Epistemology

0.2500 EFTS

ACCT 614 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: ACIS 614, AFIS 614, INFO 614

ACCT614-1351 (C) Semester 1

ACCT 621 The Law and Economics of Competition Policy

0.1250 EFTS

Not offered in 2013

P: Subject to approval of the Head of Department.

R: ACIS 621

ACCT 622 Special Topic

0.1250 EFTS

Not offered in 2013

P: Subject to approval of Head of Department

ACCT 623 Management Accounting Research

0.1250 EFTS

The course examines current issues in management accounting research.

P: Subject to approval of the Head of Department.

R: ACIS 623, AFIS 623

ACCT623-1352 (C) Semester 2

ACCT 624 Corporate Governance

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: FINC 611, ACIS 624

EQ: FINC 611

ACCT624-1351 (C) Semester 1

ACCT 625 Financial Distress 0.1250 EFTS**Not offered in 2013**

Aspects of financial distress

P: Subject to approval of the Head of Department.

R: FINC 606, ACIS 625

EQ: FINC 606

ACCT 626 Advanced Issues in Tax Compliance 0.1250 EFTS

P: Subject to approval of the Head of Department.

R: ACIS 626, AFIS 626

ACCT626-13S2 (C) Semester 2**ACCT 627 Special Topic** 0.1250 EFTS**Not offered in 2013**

P: Subject to approval of Head of Department

ACCT 631 Special Topic: History of Accounting Thought 0.1250 EFTS

This course will review literature which uses historical techniques and analysis to examine the development of accounting thought from ancient civilisations through to the present day. It will consider both management and financial accounting.

P: Subject to approval of the Head of Department.

R: ACIS 631, AFIS 631

ACCT631-13S1 (C) Semester 1**ACCT 632 Special Topic** 0.1250 EFTS**Not offered in 2013**

P: Subject to approval of Head of Department

ACCT 634 Special Topic: Contemporary Issues in Taxation 0.1250 EFTS

P: Subject to approval of the Head of Department.

R: ACIS 634

ACCT634-13S1 (C) Semester 1**ACCT 635 Special Topic** 0.1250 EFTS**Not offered in 2013**

P: Subject to approval of Head of Department

ACCT 641 Special Topic 0.1250 EFTS**Not offered in 2013**

P: Subject to approval of Head of Department

ACCT 644 Financial Management and Accountability of Governments 0.1250 EFTS

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: ACIS 644, AFIS 644

ACCT644-13S1 (C) Semester 1**ACCT 648 Special Topic: Contemporary Issues in Financial Accounting** 0.1250 EFTS**Not offered in 2013**

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 unit 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: ACIS 648

ACCT 656 European Business Law 0.1250 EFTS

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: ACIS 656, EURO 456

EQ: EURO 456

ACCT656-13S1 (C) Semester 1**ACCT 657 Special Topic: Law, Business and Society** 0.1250 EFTS

P: Subject to approval of Head of Department

R: ACIS 657, AFIS 657

ACCT657-13S2 (C) Semester 2**ACCT 658 Contemporary Research in Auditing** 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 Head of Department

R: ACIS 658, AFIS 658

ACCT658-13S1 (C) Semester 1

ACCT 659 Special Topic: Sustainability, Business and Social & Environmental Accountability

0.1250 EFTS

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 Head of Department
R: ACIS 659, AFIS 659

ACCT659-13S2 (C) Semester 2**ACCT 680 Research Project**

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 and information systems.

P: Subject to approval of the Head of Department
R: ACIS 680, AFIS 680, INFO 680

ACCT680-13A (C) Starts Any time
ACCT680-13W (C) Whole Year (S1 and S2)

ACCT 690 MCom Thesis

1.0000 EFTS

P: Subject to approval of the Head of Department.
R: ACIS 690, AFIS 690

ACCT690-13A (C) Starts Any time
Part-time enrolment (0.65 EFTS) is available on approval.

ACCT 790 Accounting PhD

1.0000 EFTS

P: Subject to approval of the Head of Department.
R: ACIS 790, AFIS 790

ACCT790-13A (C) Starts Any time
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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Accounting and Information Systems

Department of Accounting and Information Systems

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ACIS 690 MCom Thesis

1.0000 EFTS

P: Subject to approval of the Head of Department.
R: AFIS 690

ACIS690-13A (C) Starts Any time
Part-time enrolment (0.65 EFTS) is available on approval.

ACIS 790 Accounting and Information Systems PhD

1.0000 EFTS

P: Subject to approval of the Head of Department.

ACIS790-13A (C) Starts Any time
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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

American Studies

School of Humanities

AMST 108 American Political Culture(s): Dissent and Discontent

15 Points 0.1250 EFTS

Not offered in 2013
This course explores a variety of social processes which have tended to critique, subvert or reject a consensus of contentment in modern and post-modern America.

AMST 109 The Screening of America: Film and Media in US Culture

15 Points 0.1250 EFTS

Not offered in 2013
This course surveys American motion pictures and television, with particular emphasis on their commercial orientation, their technical and stylistic distinctiveness, and their massive sociocultural influence in America and worldwide.

EQ: CULT 109

AMST 110 American Literature

15 Points 0.1250 EFTS

Not offered in 2013
A broad introduction to American literature, with the emphasis on twentieth century fiction. The programme

is structured around three key terms: romanticism, modernism, and postmodernism.

R: ENGL 109

EQ: ENGL 109

AMST 115 Selling the American Dream: Brand USA® and the Global Marketplace

15 Points

0.1250 EFTS

Not offered in 2013

In this course we will critically examine the development of the American corporation, the rise of American consumer culture, the development of advertising and promotionism in modern and postmodern contexts, the emergence of multinationals and the relationships between American cultural products and the complex flows of globalization. By exploring the contested spaces of both promotional and consumption practices, the course will introduce students to material that seeks to complicate our often taken-for-granted assumptions about the increasingly global marketplace of culture and consumption.

AMST 116 Special Topic

15 Points

0.1250 EFTS

Not offered in 2013

AMST 127 American History

15 Points

0.1250 EFTS

Not offered in 2013

The history of British America and the U.S. from 1492 to the present.

R: HIST 127; HIST 119; HIST 120

EQ: HIST 127

AMST 140 Ethnicity and Identity

15 Points

0.1250 EFTS

Not offered in 2013

This course explores the historical and cultural complexities involved in the construction of identity based on ethnicity, as well as the intersections between ethnicity, race, gender, and class.

R: AMST 105, AMST 240

AMST 214 Popular Culture and Media Convergence

15 Points

0.1250 EFTS

Not offered in 2013

This course introduces key theories and concepts designed to understand contemporary media from a variety of culturalist perspectives. Its emphasis is on television and its audiences, but it will refer to film and other media as well.

P: Any 30 points at 100-level or with the approval of the Programme Coordinator.

R: AMST 330, AMST 333, CINE 211, CULT 204, DRAM 211

EQ: CINE 211, CULT 204, DRAM 211

AMST 215 From Plymouth Rock to Little Rock: US Cultural and Literary History

15 Points

0.1250 EFTS

Not offered in 2013

This course provides a selective overview of American history and literature from European settlement through to the 1960s. A selection of historical documents, films, and canonical literary texts are used to explore key developments and events in American culture both in the past and today.

P: One of AMST 101-199, or a B average in 45 points in appropriate courses with the approval of the Programme Coordinator; or ENGL 109.

AMST 216 Contemporary American Literature

15 Points

0.1250 EFTS

Not offered in 2013

President John F. Kennedy's assassination, watched by millions, was, according to novelist Don DeLillo, "the seven seconds that broke the back of the American Century." American literature would never be the same. This course examines the way a "world gone inside out," that is, a new culture of media and image, changed the course of literature in America, as well as the way American literature has represented and registered the wrenching course of American history from the 1960s to the present.

P: Any 30 points at 100-level, or with the approval of the Programme Coordinator.

R: AMST 309, AMST 323, ENGL 236

EQ: ENGL 236

AMST 223 Hardboiled LA: Los Angeles in Fiction and Film

15 Points

0.1250 EFTS

Not offered in 2013

This course examines the way Los Angeles has functioned as an imaginative landscape in American fiction and film. The course focuses on the noir genre, because LA noir—with its fantastic convergence of tough guy realism, sex, guns, desperation, and disillusionment—provides one of the most trenchant critiques of the American dream.

P: Any 30 points at 100-level, or with the approval of the Programme Coordinator.

R: AMST 309, AMST 323, CINE 212, ENGL 237

EQ: ENGL 237, CINE 212

AMST 231 African American Women Writers

15 Points

0.1250 EFTS

Not offered in 2013

This course addresses the complex interaction of race, gender and class and how this is represented in both literary and non-literary texts by and/or about African American women.

P: 15 points of AMST or ENGL with a B pass, or at least 30 points of AMST or ENGL at 100-level, or any 60 points from the Arts schedule with the approval of the Programme Coordinator

R: ENGL 251, GEND 209, AMST 311, CULT 304, GEND 304

EQ: ENGL 251, GEND 209

AMST 233 American Science Fictions and Intelligent Technologies

15 Points 0.1250 EFTS

Not offered in 2013

From Frankenstein movies, to Agent Smith in the Matrix, to 7 of 9 in Star Trek, to the viruses in Neil Stephenson's Snow Crash, to the Cylons in Battlestar Galactica, science fiction questions the place of human uniqueness and values. Using literary, television, and cinematic evidence, this course examines the utopian hopes and dystopian fears surrounding technology in American sci-fi.

P: Any 30 points at 100-level, or with approval from Programme Coordinator.

R: AMST 345, ENGL 249

EQ: ENGL 249

AMST 235 Special Topic: The Simpsons: Sitcom as Political and Social Satire (online delivery)

15 Points 0.1250 EFTS

Not offered in 2013

This course explores the nature of political and social satire with especial focus on the animated show The Simpsons, historically one of the most popular television series in the US and throughout the world. Drawing on contemporary cultural, gender and race theory, we examine The Simpsons as social critique negotiated through popular media. We will pay special attention to how the show functions as oppositional commentary about issues such as consumerism, racism, sexism, inequality and political dysfunction in the US. We will focus predominantly on the ways in which the shows challenges, disrupts and dislodges various conceptions of 'normality' in the US and globally. This course will be delivered entirely online via video lecture and online discussions with optional weekly face-to-face on-campus discussions.

P: One of AMST 101-199, or a B average in 45 points in appropriate courses with the approval of the Programme Coordinator; or ENGL 109.

AMST 236 From Bambi to Kong: The Animal in American Popular Culture

15 Points 0.1250 EFTS

Not offered in 2013

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: Either 15 points of ENGL at 100-level with a B pass, or 30 points of ENGL at 100-level, or any 45 points from the Arts Schedule

R: AMST 331, CULT 206, ENGL 243, GEND 213, GEND 311, and ENGL 349

EQ: CULT 206, ENGL 243, GEND 213

AMST 239 Hollywood and Genre

15 Points 0.1250 EFTS

Not offered in 2013

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: Either 15 points of CINE at 100-level with a B pass, or 30 points of CINE or AMST at 100-level, or any 45 points at 100-level, or equivalent preparation with the approval of the Programme Coordinator.

R: CINE 201

RP: Any 100-level CINE course, AMST 109.

EQ: CINE 201

AMST 241 Rebellious Bodies: Rock and Roll and Postwar American Media Culture

15 Points 0.1250 EFTS

Not offered in 2013

Elvis. The Beatles. Jimi Hendrix. Madonna. Michael Jackson. Such icons of rock and roll all generated tremendous controversy, inspiring censorship campaigns, lewdness and anti-drug prosecutions, and moral panics. None of these social sanctions stopped American youth from a passionate engagement with rock and roll and its most charismatic figures. This course analyses the iconography of rock and roll through a critical examination of the ways in which race, gender, class, sexuality and generational conflict are articulated in post war media culture.

P: Any 30 points at 100-level, or with approval from Programme Coordinator.

R: AMST 141, AMST 234

RP: AMST 109, AMST 108 or AMST 115

EQ: AMST 234

AMST 242 War and the American Historical Memory

15 Points 0.1250 EFTS

Not offered in 2013

This course focuses on the way in which events of violence and tragedy in US history are remembered, forgotten and commemorated. Events that will be considered include the Civil War, the massacre at Wounded Knee, the Spanish American War, Pearl Harbor, Japanese American internment during World War Two, the Holocaust, the Vietnam War, and September 11th.

P: Any 30 points at 100-level from the Arts schedule, or with the approval of the Programme Coordinator.

R: AMST 342, HIST 242, HIST 342

EQ: HIST 242

AMST 246 Hip-Hop Culture

15 Points 0.1250 EFTS

Not offered in 2013

The primary goal of the course is to review the roots of hip-hop movement and its cultural trajectory since 1979. In addition, the course seeks to understand the ways various cultures, including African American culture, utilize rap music as an art form and as a means of political and social commentary. Finally, the course seeks to bring to the fore hip-hop topics ranging from homophobia and sexism to commercialism and the global marketing of hip-hop culture.

P: Any 30 points at 100-level, or with approval from Programme Coordinator.

R: AMST 111, MUSI 110, AMST 346

RP: AMST 109, AMST 108 or AMST 115

AMST 250 Special Topic

15 Points 0.1250 EFTS

Not offered in 2013

P: One of AMST 101-199, or a B average in 45 points in appropriate courses with the approval of the Programme Coordinator; or ENGL 109.

AMST 310 American Film Genres

30 Points 0.2500 EFTS

Not offered in 2013

The purpose of this course is to define film genres and study their significance, using analytical methodologies derived from contemporary film theory. The course will focus on American cinema, but with attention to genre as an international phenomenon.

P: One of: AMST 214, AMST 227, AMST 233, AMST 228, DRAM 210, DRAM 211, DRAM 212, DRAM 215, GRMN 224 or TAFS 215 or appropriate courses in film studies or related areas as approved by the AMST Programme Coordinator or CULT Programme Coordinator.

R: DRAM 310, CULT 313, ARTT 306
EQ: CULT 313

AMST 311 African American Women Writers

30 Points 0.2500 EFTS

Not offered in 2013

This course addresses the complex interaction of race, gender and class and how this is represented in both literary and non-literary texts by and/or about African American women.

P: 15 points of AMST or ENGL or CULT at 200-level; or any 30 points at 200-level from the Arts Schedule with the approval of the Programme Coordinator.

R: AMST 231, CULT 304, GEND 209, GEND 304, ENGL 251
EQ: GEND 304, CULT 304

AMST 327 Culture, Power, Bodies: Understanding the Popular

30 Points 0.2500 EFTS

Not offered in 2013

This course examines a series of debates around popular culture that have fueled the development of cultural studies and American studies in recent years. We will explore a variety of empirical examples from popular culture as well as a range of theoretical resources. This is a reading and discussion based course with no final exam.

P: One of AMST 201-AMST 299, or ENGL 236 or ENGL 237 or any 45 points at 200-level from the Arts Schedule.

R: AMST 431, CULT 301, ENGL 317 (after 2011)
EQ: CULT 301, ENGL 317

AMST 338 Crime and Punishment in American Culture

30 Points 0.2500 EFTS

Not offered in 2013

How is it that the very same Americans who favor "law and order" politics spend their leisure time engrossed in murder, from CSI to Dexter to Serial Killer Sunday? How come, in the US, there seems to be a "Crime of the Century" every decade? How do we make sense of the fact that the US,

amongst the world's most affluent nations, has the single largest prison system ever amassed in the history of the world? What's up with America and crime? This course will focus on representations - in films, literature, true crime narratives, television dramas and news media - of crime and punishment with particular emphasis on the role class, race, gender, and sexuality play in shaping Americans' conceptions of crime.

P: Any 15 points from the Arts or Law schedules at 200-level, or with approval of Programme Coordinator.

R: AMST 238, ENGL 248, ENGL 348
EQ: ENGL 348

AMST 342 War and the American Historical Memory

30 Points 0.2500 EFTS

Not offered in 2013

This course focuses on the way in which events of violence and tragedy in US history are remembered, forgotten and commemorated. Events that will be considered include the Civil War, the massacre at Wounded Knee, the Spanish American War, Pearl Harbor, Japanese American internment during World War Two, the Holocaust, the Vietnam War, and September 11th.

P: 15 points of AMST at 200-level; or any 30 points at 200-level from the Arts Schedule with the approval of the Programme Coordinator.

R: AMST 242, HIST 242, HIST 342
EQ: HIST 342

AMST 347 Special Topic: Modern American Literature

30 Points 0.2500 EFTS

Not offered in 2013

This course explores the characteristics and contours of American modernism from the 1910s to the mid-twentieth century. With reference to visual arts, architecture, jazz, and other urban forms, the course focuses on literary innovations and specific American contributions to literary modernism: its exploration (spurred by the Darwin and Freud) of human perception and consciousness; the development of a cosmopolitan sensibility; the emergence of an African-American voice; the search for an authentic response to a rapidly changing world where 'all that is solid melts into air'.

P: 15 points of 200-level AMST or ENGL, or approval of the Programme Coordinator.

R: AMST 247, ENGL 247, ENGL 347
EQ: ENGL 347

AMST 350 Special Topic

30 Points 0.2500 EFTS

Not offered in 2013

P: Any 15 points in AMST at Stage 2, or approval of Programme Coordinator.

AMST 351 Special Topic

30 Points 0.2500 EFTS

Not offered in 2013

P: Any 15 points in AMST at Stage 2, or approval of Programme Coordinator.

ARTS 395 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: Special application and interview, with permission of Internship Director.

RP: Students should attend UC Careers CV writing and interview skills workshops prior to submitting internship application.

ARTS395-13S1 (C)

Semester 1

ARTS395-13A (C)

Starts Any time

ARTS395-13S2 (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 www.arts.canterbury.ac.nz/internship 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.

AMST 422 Postmodernism

0.2500 EFTS

Not offered in 2013

This course examines the ways in which postmodernism refigures American literature's traditional preoccupation with subjectivity and the "self".

P: Subject to approval of the Programme Director.

AMST 430 Supervised Research

0.2500 EFTS

Students will work with one lecturer on a specific research topic. Students must negotiate the choice of research topic with the lecturer prior to enrolment.

P: Subject to approval of the Programme Director.

R: AMST 440

AMST430-13S1 (C)

Semester 1

AMST430-13S2 (C)

Semester 2

AMST 431 Culture, Power, Bodies: Understanding the Popular

0.2500 EFTS

Not offered in 2013

This course examines a series of debates around popular culture that have fueled the development of cultural studies and American studies in recent years. We will explore a variety of empirical examples from popular culture as well

as a range of theoretical resources. This is a reading and discussion based course with no final exam.

P: Subject to approval of the Programme Director.

R: AMST 327, CULT 301

AMST 432 American Film and TV

0.2500 EFTS

Not offered in 2013

The purpose of this course is threefold: 1. to study theoretical concepts of "authorship" in film as applied to the director 2. to study the career of John Ford as a representative American director 3. to apply theoretical concepts of "authorship" in film to the career of an American director of student's choice

P: Subject to approval of the Programme Director.

R: DRAM 406

AMST 434 Contemporary Cultural and Media Theories

0.2500 EFTS

Not offered in 2013

This reading and research seminar course follows the trajectory of major critical theories of mass/popular culture in the last half of the 20th Century, with an emphasis on media theories and the cultures of everyday life in contemporary Western society.

P: Subject to approval of the Programme Director.

AMST 436 American Identities: Fiction and Autobiography

0.2500 EFTS

This course examines contemporary autobiographies, autobiographical fiction and fiction in order to understand how writers from different ethnic groups engage in a common search for a multi-dimensional concept of self that is grounded in a connection to the past.

P: Subject to approval of the Programme Director.

R: CULT 409, GEND 411

EQ: CULT 409, GEND 411

AMST436-13S1 (C)

Semester 1

AMST 437 From Dime Museum to Nickelodeon: Historical Explorations in America

0.2500 EFTS

Not offered in 2013

An overview of historiographic developments since the 1970's in the context of the study of U.S. cultural history.

P: Subject to approval of the Programme Director.

AMST 440 Interdisciplinary Research

0.2500 EFTS

Students will work with two lecturers on a specific research topic of their choice. Students must negotiate the choice of research topic with the lecturers prior to enrolment.

P: Subject to approval of the Programme Director.

R: AMST 430

AMST440-13S1 (C)

Semester 1

AMST440-13S2 (C)

Semester 2

AMST 441 Special Topic

0.2500 EFTS

P: Subject to approval of the Programme Director.

AMST441-13W (C) Whole Year (S1 and S2)**AMST 442 Special Topic**

0.2500 EFTS

P: Subject to approval of the Programme Director.

AMST442-13W (C) Whole Year (S1 and S2)**AMST442-13S1 (C) Semester 1****AMST 443 Special Topic**

0.2500 EFTS

P: Subject to approval of the Programme Director.

AMST443-13S2 (C) Semester 2**AMST 690 MA Thesis**

1.0000 EFTS

P: Subject to approval of the Programme Director.

AMST690-13A (C) Starts Any time*Part-time enrolment (0.65 EFTS) is available on approval.***AMST 790 American Studies PhD**

1.0000 EFTS

P: Subject to approval of the Programme Director.

AMST790-13A (C) Starts Any time*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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Antarctic Studies

Gateway Antarctica

ANTA 101 Antarctica

15 Points 0.1250 EFTS

This introductory course explores the Antarctic continent, the Southern Ocean and the sub-Antarctic islands. 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 ANTA 102 and ANTA 103. The course will be delivered entirely online through LEARN, which will allow students flexibility as to when they view the lectures.

R: INCO 103, ANTA 102 and ANTA 103, ANTA 112 and ANTA 113

ANTA101-12SU2 (D) Summer (Nov 12)**ANTA 102 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.

R: INCO 103, ANTA 101, ANTA 112

ANTA102-13S1 (C) Semester 1**ANTA 103 Antarctica: Life in the Cold**

15 Points 0.1250 EFTS

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.

R: INCO 103, ANTA 101, ANTA 113

ANTA103-13S2 (C) Semester 2**ANTA 201 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: ANTA 101, or ANTA 102 and ANTA 103 or ANTA 112 and ANTA 113.

ANTA201-13S2 (C) Semester 2**ANTA 202 Experiencing Antarctica**

15 Points 0.1250 EFTS

ANTA 202 explores Antarctica through the creative works of writers, visual artists, poets, novelists, composers and dancers, many of whom have experienced Antarctica first hand and have created their work as a direct response to their visit.

P: ANTA 101 or ANTA 102 and ANTA 103 or ANTA 112 and ANTA 113

ANTA202-12SU2 (C) Summer (Nov 12)**ANTA202-13SU2 (C) Summer (Nov 12)**

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.

ANTA 401 Antarctic Global Connections

0.3750 EFTS

Not offered in 2013

A discussion of the current and future issues surrounding Antarctica and the Southern Ocean and their global relevance. Students who have completed the Graduate Certificate in Antarctica Studies with Distinction will be exempt from this course.

P: Subject to approval of the Head of Department.

ANTA 402 Antarctic Legal System 0.1250 EFTS**Not offered in 2013**

An examination of the international legal system that governs Antarctica.

P: Subject to approval of the Head of Department.

ANTA 601 Antarctica: Contemporary Issues, Perspectives Part 1 0.1250 EFTS

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. ANTA 601 is one of the four compulsory courses (ANTA 601-604), which make up the Postgraduate Certificate in Antarctic Studies.

P: Subject to approval of the Head of Department.

R: ANTA 501

ANTA601-12SU2 (C) Summer (Nov 12)*Limited entry. See limitation of entry regulations.***ANTA 602 Antarctica: Contemporary Issues, Perspectives Part 2** 0.1250 EFTS

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. ANTA 602 is one of the four compulsory courses (ANTA 601-604), which make up the Post Graduate Certificate in Antarctic Studies.

P: Subject to approval of the Head of Department.

R: ANTA 502

ANTA602-12SU2 (C) Summer (Nov 12)*Limited entry. See limitation of entry regulations.***ANTA 603 Antarctica Field Work** 0.1250 EFTS

A 12 day field course at Scott Base, 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.

ANTA 603 is one of the four compulsory courses (ANTA 601-604), which make up the Postgraduate Certificate in Antarctic Studies.

P: Subject to approval of the Head of Department.

R: ANTA 503

ANTA603-12SU2 (C) Summer (Nov 12)

Additional compulsory fee of \$3785 for domestic students and \$11000 for international students (2010). Limited entry. See limitation of entry regulations.

ANTA 604 Supervised Project in Antarctic Studies 0.1250 EFTS

A major written project on an approved topic relating to Antarctica and the Southern Ocean. This course will be offered in November. ANTA 604 is one of the four compulsory courses (ANTA 601-604), which make up the Postgraduate Certificate in Antarctic Studies.

P: Subject to approval of the Head of Department.

R: ANTA 504

ANTA604-12SU2 (C) Summer (Nov 12)*Limited entry. See limitation of entry regulations.***ANTA 690 Antarctic Studies Thesis** 1.0000 EFTS

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

ANTA690-13A (C) Starts Any time*Part-time enrolment (0.65 EFTS) is available on approval.***ANTA 790 Antarctic Studies PhD** 1.0000 EFTS

P: Subject to approval of the Head of Department.

ANTA790-13A (C) Starts Any time*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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Anthropology

School of Social and Political Sciences

ANTH 102 Exploring Cultural Diversity - Anthropological Perspectives

15 Points 0.1250 EFTS

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.

ANTH102-1351 (C) Semester 1**ANTH 103 Identity, Ritual and Power - An Anthropological Introduction**

15 Points 0.1250 EFTS

This course deals with a range of topics designed to introduce students to anthropology and to an anthropological analysis of contemporary society. It complements ANTH 102.

R: ANTH 101

ANTH103-1352 (C) Semester 2

ANTH 104 Indigenous Peoples - Anthropology and Cultural Survival

15 Points 0.1250 EFTS
An introduction to a broad range of issues related to the social circumstances and survival of the world's indigenous peoples.

ANTH104-13S1 (C) Semester 1

ANTH 105 Human Evolution

15 Points 0.1250 EFTS
Not offered in 2013
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.

ANTH 202 The Anthropology of Politics and Power

15 Points 0.1250 EFTS
This course introduces students to the major contemporary theoretical approaches to the study of politics and power in anthropology.

P: 15 points of ANTH at 100-level. Students with at least a B average in 30 points of appropriate courses may be admitted with the approval of the Anthropology Programme Director
R: ANTH 302

ANTH202-13S2 (C) Semester 2

ANTH 203 Ritual and Symbolism: theoretical and practical

15 Points 0.1250 EFTS
Not offered in 2013

P: 15 points of ANTH at 100-level. Students with at least a B average in 30 points of appropriate courses may be admitted with the approval of the Anthropology Programme Director
R: ANTH 303

ANTH 205 The Politics of Cultural Performance

15 Points 0.1250 EFTS
Not offered in 2013
The course deals with the politics of culture and with cultural performance, and examines the politics of cultural performance in the context of wider social contexts.
P: 15 points of ANTH at 100-level. Students with at least a B average in 30 points of appropriate courses may be admitted with the approval of the Anthropology Programme Director
R: ANTH 305

ANTH 206 Religion and Modernity

15 Points 0.1250 EFTS
This course will discuss the meaning and role of religion(s) in the context of modernity as well as the modernity of the very idea of religion. The course combines discussion of conceptual issues with discussion of case studies and pursues a comparative perspective.
P: 15 points of ANTH at 100-level. Students with at least a B average in 30 points of appropriate courses may be

admitted with the approval of the Anthropology Programme Director

R: ANTH 306, SOCI 260, SOCI 360, RELS 217
EQ: SOCI 260, RELS 217

ANTH206-13S1 (C) Semester 1

ANTH 207 Visual Anthropology

15 Points 0.1250 EFTS
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: 15 points of ANTH at 100-level. Students with at least a B average in 30 points of appropriate courses may be admitted with the approval of the Anthropology Programme Director
R: ANTH 307

ANTH207-13S2 (C) Semester 2

ANTH 208 Food and Eating

15 Points 0.1250 EFTS
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: 15 points of ANTH at 100-level. Students with at least a B average in 30 points of appropriate courses may be admitted with the approval of the Anthropology Programme Director

R: GEND 224, ANTH 308, SOCI 262, GEND 324, SOCI 362
EQ: SOCI 262

ANTH208-13S2 (C) Semester 2

ANTH 212 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: 15 points of ANTH at 100-level. Students with at least a B average in 30 points of appropriate courses may be admitted with the approval of the Anthropology Programme Director

R: ANTH 312, GEND 218, GEND 318, SOCI 212, SOCI 312
EQ: SOCI 212

ANTH212-13S1 (C) Semester 1

ANTH 213 Environment, Development and Disaster

15 Points 0.1250 EFTS
This course applies an explicitly anthropological approach to environmental social science, utilising ethnographic case studies to explore the manifold ways that humans understand, represent and engage with the natural world. It has three principal aims: 1. To introduce the important sub-discipline of Environmental Anthropology. 2. To explore the foundational role of ideas of nature in western intellectual discourse. 3. Most importantly, to investigate

the application of anthropological thought to contemporary issues of human ecology, environmental management, human-animal relations, and natural disaster. The course takes the form of weekly lectures with tutorials in which students critically discuss key readings. Assessment takes the form of a class presentation, an essay, a critical summary of an ethnographic text concerned with human-environment relations, for 200-level students a course-test, and for 300-level students a short research project on either the anthropology of climate change or natural disaster.

P: 15 points in ANTH at 100-level

R: ANTH 313

EQ: ANTH 313

ANTH213-13S2 (C) Semester 2

ANTH 215 The Pacific Islands: Early European and Polynesian Visions

15 Points 0.1250 EFTS

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: 15 points of ANTH at 100-level. Students with at least a B average in 30 points of appropriate courses may be admitted with the approval of the Anthropology Programme Director

R: ANTH 315, HIST 266, HIST 392

EQ: HIST 266

ANTH215-12SU2 (C) Summer (Nov 12)

ANTH215-13S2 (C) Semester 2

ANTH 223 Ethnicity and History

15 Points 0.1250 EFTS

This course provides a critical introduction to the historical and anthropological study of ethnicity, race and migration, with a particular emphasis on New Zealand.

P: 15 points of ANTH at 100-level. Students with at least a B average in 30 points of appropriate courses may be admitted with the approval of the Anthropology Programme Director

R: HIST 283, MAOR 230, PACS 204, SOCI 223, SOCI 323

EQ: HIST 283, MAOR 230, PACS 204, SOCI 223

ANTH223-13S2 (C) Semester 2

ANTH 238 Exploring the Past

15 Points 0.1250 EFTS

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

P: 15 points of ANTH at 100-level. Students with at least a B average in 30 points of appropriate courses may be admitted with the approval of the Anthropology Programme Director

R: HIST 288, SOCI 238, SOCI 338

EQ: HIST 288, SOCI 238

ANTH238-13S1 (C) Semester 1

ANTH 250 Travel and Tourism: Inter-cultural Perspectives

15 Points 0.1250 EFTS

Not offered in 2013

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: 15 points of ANTH at 100-level. Students with at least a B average in 30 points of appropriate courses may be admitted with the approval of the Anthropology Programme Director

R: ANTH 350, SOCI 275, SOCI 375

EQ: SOCI 275

ANTH 260 Special Topic: Journalism, Media and Public Anthropology

15 Points 0.1250 EFTS

An examination of the presentation of social science subjects and issues in the media, with an emphasis on the role of Anthropologists

P: 30 points of ANTH or COMS at 100-level, or a B average in any 30 points from the ARTS Schedule at 100-level.

ANTH260-12SU2 (C) Summer (Nov 12)

ANTH260-13SU2 (C) Summer (Nov 12)

ANTH 301 Ethnography

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: 30 points of ANTH, including at least 15 points at 200-level.

R: SOCI 353

EQ: SOCI 353

ANTH301-13S2 (C) Semester 2

ANTH 302 The Anthropology of Politics and Power

30 Points 0.2500 EFTS

This course introduces students to the major contemporary theoretical approaches to the study of politics and power in anthropology.

P: 30 points of ANTH, including at least 15 points at 200-level.

R: ANTH 202

ANTH302-13S2 (C) Semester 2

ANTH 303 Ritual and Symbolism: theoretical and practical

30 Points 0.2500 EFTS

Not offered in 2013

This course introduces students to major contemporary theoretical approaches to the study of ritual and symbol in anthropology.

P: 30 points of ANTH, including at least 15 points at 200-level.

R: ANTH 203

ANTH 305 The Politics of Cultural Performance

30 Points 0.2500 EFTS

Not offered in 2013

The course deals with the politics of culture and with cultural performance, and examines the politics of cultural performance in the context of wider social contexts.

P: 30 points of ANTH, including at least 15 points at 200-level.

R: ANTH 205

ANTH 306 Religion and Modernity

30 Points 0.2500 EFTS

This course will discuss the meaning and role of religion(s) in the context of modernity as well as the modernity of the very idea of religion. The course combines discussion of conceptual issues with discussion of case studies and pursues a comparative perspective.

P: 30 points of ANTH, including at least 15 points at 200-level.

R: ANTH 206, RELS 217, SOCI 260, SOCI 360

EQ: SOCI 360

ANTH306-1351 (C) Semester 1

ANTH 307 Visual Anthropology

30 Points 0.2500 EFTS

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: 30 points of ANTH, including at least 15 points at 200-level.

R: ANTH 207

ANTH307-1352 (C) Semester 2

ANTH 308 Food and Eating

30 Points 0.2500 EFTS

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: 30 points of ANTH, including at least 15 points at 200-level.

R: GEND 224, GEND 324, ANTH 208, SOCI 262, SOCI 362

EQ: SOCI 362

ANTH308-1352 (C) Semester 2

ANTH 312 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: 30 points of ANTH, including at least 15 points at 200-level.

R: ANTH 212, GEND 218, GEND 318, SOCI 212, SOCI 312

EQ: SOCI 312

ANTH312-1351 (C) Semester 1

ANTH 313 Environment, Development and Disaster

30 Points 0.2500 EFTS

This course applies an explicitly anthropological approach to environmental social science, utilising ethnographic case studies to explore the manifold ways that humans understand, represent and engage with the natural world. It has three principal aims: 1. To introduce the important sub-discipline of Environmental Anthropology. 2. To explore the foundational role of ideas of nature in western intellectual discourse. 3. Most importantly, to investigate the application of anthropological thought to contemporary issues of human ecology, environmental management, human-animal relations, and natural disaster. The course takes the form of weekly lectures with tutorials in which students critically discuss key readings. Assessment takes the form of a class presentation, an essay, a critical summary of an ethnographic text concerned with human-environment relations, for 200-level students a course-test, and for 300-level students a short research project on either the anthropology of climate change or natural disaster.

P: 30 points in ANTH at 200-level

R: ANTH 213

EQ: ANTH 213

ANTH313-1352 (C) Semester 2

ANTH 315 The Pacific Islands: Early European and Polynesian Visions

30 Points 0.2500 EFTS

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: 30 points of ANTH, including at least 15 points at 200-level.

R: ANTH 215, HIST 266, HIST 392

EQ: HIST 392

ANTH315-125U2 (C) Summer (Nov 12)

ANTH315-1352 (C) Semester 2

ANTH 350 Travel and Tourism: Inter-cultural Perspectives

30 Points 0.2500 EFTS

Not offered in 2013

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: 30 points of ANTH with at least 15 points at 200-level.

R: ANTH 250, SOCI 275, SOCI 375

EQ: SOCI 375

ANTH 360 Special Topic: Journalism, Media and Public Anthropology

30 Points 0.2500 EFTS

An examination of the presentation of social science subjects and issues in the media, with an emphasis on the role of Anthropologists.

P: 30 points of ANTH or COMS at 200-level, or a B average in any 30 points from the ARTS Schedule at 200-level.

ANTH360-125U2 (C) Summer (Nov 12)

ARTS 395 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: Special application and interview, with permission of Internship Director.

RP: Students should attend UC Careers CV writing and Interview skills workshops prior to submitting internship application.

ARTS395-1351 (C) Semester 1

ARTS395-13A (C) Starts Any time

ARTS395-1352 (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 www.arts.canterbury.ac.nz/internship 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.

ANTH 401 Research Methodology and Ethical Controversies in Anthropology

0.2500 EFTS

Description: 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 paper is compulsory for students wanting to enrol in the Anthropology Honours programme. The course also provides preparation for entry into the MA (Anthropology) programme, for students wishing to progress to Masters by research thesis after completing the Honours degree.

P: Subject to approval of the Anthropology Programme Director.

ANTH401-1352 (C) Semester 2

ANTH 402 Issues and Debates in Contemporary Anthropology

0.2500 EFTS

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

P: Subject to approval of the Anthropology Programme Director.

ANTH402-1351 (C) Semester 1

ANTH 403 Ritual Performance: Sacred and Secular

0.2500 EFTS

Not offered in 2013

The course examines the origins and development of the 'anthropology of performance' and applies the theory associated with this sub-field in Anthropology to the analysis of public rituals of both a sacred and secular nature.

P: Subject to approval of the Anthropology Programme Director.

ANTH 405 The Anthropology of Food

0.2500 EFTS

Not offered in 2013

P: Subject to approval of the Anthropology Programme Director.

ANTH 406 Supervised Reading

0.2500 EFTS

This reading paper will be organised around the interests of the student(s) and the lecturer.

P: Subject to approval of the Anthropology Programme Director.

ANTH406-1352 (C) Semester 2

ANTH 407 People and Things

0.2500 EFTS

This course will be organised around the interests of the lecturer and the students.

P: Subject to approval of the Anthropology Programme Director.

R: SOCI 401

ANTH407-1351 (C) Semester 1

ANTH 408 Global Anthropology 0.2500 EFTS
Not offered in 2013
 P: Subject to approval of the Anthropology Programme Director.

ANTH 409 Special Topic: The Anthropology of Consciousness: Memory, Time and the Body 0.2500 EFTS
 P: Subject to approval of the Anthropology Programme Director.
ANTH409-13S1 (C) Semester 1

ANTH 410 Special Topic: Explorations in Environment, Development and Disaster 0.2500 EFTS
 P: Subject to approval of the Anthropology Programme Director.
ANTH410-13S2 (C) Semester 2

ANTH 411 Special Topic: Culture, Representation and The Visual 0.2500 EFTS
 P: Subject to approval of the Anthropology Programme Director.
ANTH411-13S2 (C) Semester 2

ANTH 690 MA Thesis 1.0000 EFTS
 P: Subject to approval of the Anthropology Programme Director.
ANTH690-13A (C) Starts Any time
Part-time enrolment (0.65 EFTS) is available on approval.

ANTH 790 Anthropology PhD 1.0000 EFTS
 P: Subject to approval of the Anthropology Programme Director.
ANTH790-13A (C) Starts Any time
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 Student 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.

APSY 601 Advanced Industrial and Organisational Psychology 0.2500 EFTS

Not offered in 2013
 The focus is on research and measurement problems as well as practical work and applications within the field of job analysis, and employee recruitment and selection.
 P: Subject to approval of the Head of Department.
Limited entry. See limitation of entry regulations.

APSY 607 Special Topic 0.2500 EFTS
 Direct enquiries to MSc in Applied Psychology Coordinator(s)
 P: Subject to approval of the Head of Department.
APSY607-13W (C) Whole Year (S1 and S2)
Limited entry. See limitation of entry regulations.

APSY 608 Special Topic 0.2500 EFTS
 Direct enquiries to MSc in Applied Psychology Coordinator(s)
 P: Subject to approval of the Head of Department.
APSY608-13W (C) Whole Year (S1 and S2)
Limited entry. See limitation of entry regulations.

APSY 611 Training and Learning at Work 0.1250 EFTS
 This course examines training, learning, and expertise in occupational settings. It will in particular draw on recent research in expertise development, knowledge acquisition/sharing, cognitive engineering, and cognitive task analysis. We will cover empirically validated training methods with a particular focus on the next generation of simulation, role-playing and virtual-augmented reality technology.
 P: Entry is subject to approval by the Head of Department
APSY611-13S1 (C) Semester 1
Limited entry. See limitation of entry regulations.

APSY 612 Performance Management and Appraisal 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 by the Head of Department
APSY612-13S2 (C) Semester 2
Limited entry. See limitation of entry regulations.

APSY 613 Special Topic 0.1250 EFTS
 P: Subject to approval of the Head of Department
APSY613-13S1 (C) Semester 1
Limited entry. See limitation of entry regulations.

APSY 614 Leadership and Motivation in Organisations

0.1250 EFTS

The main objective of this course is to familiarise students with the content domain of leadership and of motivation in organisations. Both "classic" pieces and current research and theory will be examined. The leadership topics covered will include attribution theories, leader-member exchange, transformational leadership and ethical leadership. Motivation topics will include performance variability, attitudes, goal setting, and self regulation.

P: Subject to approval by the Head of Department

APSY614-13S2 (C) Semester 2

Limited entry. See limitation of entry regulations.

APSY 615 Attitudes and Organisational Development

0.1250 EFTS

Not offered in 2013

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.

APSY 616 Small Group Theory and Team Building

0.1250 EFTS

The purpose of this course is to familiarise the students with the main interpersonal and social factors that account for performance differences in groups and teams, and to examine the strategies developed by managers and team members that successfully enhance the quality of team processes. Topics covered will include conflict management, decision-making, diversity, and team leadership.

P: Subject to approval by the Head of Department

APSY616-13S1 (C) Semester 1

Limited entry. See limitation of entry regulations.

APSY 617 Industrial and Organizational Psychology Measurement Issues

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

APSY617-13S2 (C) Semester 2

Limited entry. See limitation of entry regulations.

APSY 618 Organisational Change: Directions for I/O Psychology Practice

0.1250 EFTS

Not offered in 2013

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

Limited entry. See limitation of entry regulations.

APSY 619 Boundaryless Work and Uncertain Working Conditions

0.1250 EFTS

This course introduces two related areas of I/O psychology which only recently have received extensive research attention. It provides students with a framework for analysing how these phenomena affect individuals and organisations, and how organisational practitioners may understand and deal with these phenomena. Critical thinking, relation of theory to practice, of new concepts to old theories, as well as reflection, both oral and written, will be strongly emphasized.

P: Subject to approval by the Head of Department

APSY619-13S1 (C) Semester 1

Limited entry. See limitation of entry regulations.

APSY 660 Dissertation

0.7500 EFTS

A supervised research dissertation. Candidates enrolled for APSY 660 Dissertation must present a dissertation to the Registrar no later than 1 February of the year following enrolment in the course. Students enrolled in a dissertation are also expected to attend a weekly professional seminar on organisational issues.

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

APSY660-13A (C) Starts Any time

Limited entry. See limitation of entry regulations.

APSY 790 Applied Psychology PhD

1.0000 EFTS

P: Subject to approval of Head of Department

APSY790-13A (C) Starts Any time*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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Art Curatorship

School of Humanities

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.

ARTC 401 Practicum

0.2500 EFTS

This course provides students with practical experience working under supervision of museum professionals within an art gallery or museum. The duration of the internship ranges from four to six weeks and students should expect to be present during normal working hours for up to four days a week. Internships normally occur at galleries or museums in Christchurch but students may also be placed in institutions in other centres where this is practicable. Every effort is made to place students in institutions where they will gain experience that is related to their particular interests. By working alongside museum and gallery professionals students gain an understanding of the practical aspects of how such institutions work, of the range of professional specialisations associated with working in such institutions and the variety of activities occurring in museums and galleries. Assessment is based on a report provided by the institution where the student is placed.

P: Subject to approval of the Programme Convenor.

ARTC401-13S1 (C) Semester 1**ARTC401-13S2 (C) Semester 2**

ARTC 402 The Art Museum Past and Present

0.2500 EFTS

This course takes an art historical look at art museums, past and present, exploring some of the political and social contexts that determine their development, and practices of collecting and display.

P: Subject to approval of the Programme Convenor.

R: ARTH 417, CULT 406

EQ: ARTH 417, CULT 406

ARTC402-13S1 (C) Semester 1

ARTC 404 Special Project

0.2500 EFTS

The Special Project allows students to explore a topic associated with art curatorship in depth while working under the guidance of a member of academic staff. Students are encouraged to develop a topic that relates to their areas of particular interest in the field. Projects can range from a

research essay exploring some aspect of curatorial practice, the history of display associated with a major artefact, or the impact of an important exhibition on curatorial practice, to the curation of a virtual exhibition. Students developing an exhibition project are expected to define a theme, make a selection of works to be included, write catalogue entries and a catalogue essay and develop a plan for the arrangement of works in the exhibition.

P: Subject to approval of the Programme Convenor.

ARTC404-13S1 (C) Semester 1**ARTC404-13S2 (C) Semester 2**

Art History and Theory

School of Humanities

ARTH 103 '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.

ARTH103-13S1 (C) Semester 1**ARTH103-13S1 (D) Semester 1**

ARTH 104 Māori Art: Taonga Tuku Iho

15 Points 0.1250 EFTS

Not offered in 2013

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.

ARTH 105 Art: the Asia Pacific Tour

15 Points 0.1250 EFTS

Not offered in 2013

An introduction to the arts of the Asia Pacific region, including Aotearoa/New Zealand.

R: ARTT 103

ARTH 106 Worlds of Architecture

15 Points 0.1250 EFTS

An introduction to the history of architecture, including a survey of western architecture from c.500 BC to the twentieth century. Selected aspects of non-western architecture are also examined. Students are introduced to concepts of period style, technological innovation and the ways in which architecture responds to social change.

ARTH106-13S2 (C) Semester 2

ARTH 107 Worlds of Western Art

15 Points 0.1250 EFTS

Not offered in 2013

This course provides an introduction to the study of European art and examines key works of art and architecture

from the Renaissance to the beginning of the Eighteenth Century. These works are studied in their historical and artistic contexts.

R: ARTH 102 (before 2001)

ARTH 108 Mahi-a-Ringa: Introducing Customary Material Culture

15 Points 0.1250 EFTS

This course focuses on traditional material culture, including weaving (raranga), cordage (taura), fire making, working with stone to make adzes and tools, hand made musical instruments, bone carving, wood carving, and the use of plants as traditional medicines. Students will learn customary protocols, guardianship and respect for knowledge and taonga (treasures) and undertake practical work, library based research, and work with taonga such as cloaks, nets, personal and other artefacts in the Canterbury Museum. Other topics are included depending on available expertise.

R: MAOR 114

EQ: MAOR 114

ARTH108-13S1 (C) Semester 1

ARTH 110 Kiwi Icons: Introduction to Art in Aotearoa/New Zealand

15 Points 0.1250 EFTS

Not offered in 2013

Focusing on well-known works of art and architecture produced in Aotearoa New Zealand, this course will introduce students to the discipline of art history while expanding and enriching their understanding of taonga that have played key roles in defining national identity.

ARTH 111 Contextualising Art: An Introduction to Art Theory

15 Points 0.1250 EFTS

A study of theories of art through central texts, from the 18th century to the present day.

R: ARTT 101

ARTH111-13S2 (C) Semester 2

ARTH 202 Art and Revolution

15 Points 0.1250 EFTS

This course examines the arts in Western Europe (chiefly France and Britain) from 1770 to 1848. Painting, sculpture, illustration and architecture will be considered against the background of such momentous political and social changes as the American revolution, the French revolution and the industrial revolution.

P: 15 points at 100-level Art History and Theory and 15 points from any Humanities/Social Sciences Faculty course.

ARTH202-13S1 (C) Semester 1

ARTH 204 Toi Māori - Māori art

15 Points 0.1250 EFTS

This course documents the influence of new ideas, and changing perceptions of identity, on contemporary

examples of Māori and Indigenous art. These examples are discussed within their political and spiritual contexts.

P: 15 points at 100-level Art History and Theory or Māori and Indigenous Studies and 15 points for any Humanities/Social Science Faculty course.

R: MAOR 225

EQ: MAOR 225

ARTH204-13S2 (C) Semester 2

ARTH 205 Architecture in the Twentieth Century

15 Points 0.1250 EFTS

Not offered in 2013

A survey of developments in Western architecture from c.1900 to the present day. Topics covered include the origins of modern architecture in 19th century technological developments and architectural theory; the emergence of new building types; the development of the modern movement; regionalism and the impact of modernism on New Zealand architecture.

P: 15 points at 100-level Art History and Theory and 15 points from any Humanities/Social Sciences Faculty course.

ARTH 210 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: 15 points at 100-level Art History and Theory and 15 points from any Humanities/Social Sciences Faculty course.

ARTH210-13S1 (C) Semester 1

ARTH 211 Theory of Criticism

15 Points 0.1250 EFTS

Not offered in 2013

This course examines the history, theory and practice of writing about visual art.

P: 15 points at 100-level Art History and Theory and 15 points from any Humanities/Social Sciences Faculty course.

R: ARTT 202

ARTH 215 International Contemporary Art

15 Points 0.1250 EFTS

The course provides an introduction to international contemporary art, focusing on developments in Europe and the USA.

P: 15 points at 100-level Art History and Theory and 15 points from any Humanities/Social Sciences Faculty course.

R: ARTT 102, ARTT 109

ARTH215-13S2 (C) Semester 2

ARTH 304 He Korero Toi Whiriwhiria: Indigenous Art

30 Points 0.2500 EFTS

An exploration of Indigenous art, including Māori, relating to practice and theory within such institutions as marae, art galleries, museums, and classrooms.

P: 15 points at 200-level Art History and Theory or equivalent (subject to Programme Coordinator approval) and 15 points at 200-level from any Humanities/Social Science/

Education course. Students with a background and interest in Art History, Education and Teaching separately or in combination and subject to Programme Coordinator approval.

ARTH304-13S1 (C) Semester 1

ARTH 311 Frank Lloyd Wright and the Modern Movement

30 Points 0.2500 EFTS

An historical examination of developments in modern architecture from c.1880 to c.1960, centred on the career of the American architect, Frank Lloyd Wright. As well as studying the works of Wright and his contemporaries students will become familiar with critical and historiographical problems relating to twentieth-century architecture. Reference will also be made to concurrent developments in New Zealand architecture.

P: 15 points at 200-level Art History and Theory and 15 points at 200-level from any Humanities/Social Science Faculty course.

ARTH311-13S1 (C) Semester 1

ARTH 320 Architecture in New Zealand

30 Points 0.2500 EFTS

Not offered in 2013

An exploration of the varied character of architecture in New Zealand. Topics include indigenous forms, colonial, Victorian and Edwardian developments, the impact of modernism and the search for a national identity.

P: 15 points at 200-level Art History and Theory and 15 points at 200-level from any Humanities/Social Science Faculty course.

ARTH 323 Challenging Traditions: Painting in France 1830 - 1900

30 Points 0.2500 EFTS

Not offered in 2013

This course examines one of the most exciting time in French painting, exploring how art refocuses from reproduction of nature or of an ideal, toward the expression of an artist's individual vision and personality. And what personalities! Courbet, Manet, Cassatt, Monet, Degas, Cezanne, Van Gogh, Gauguin and many others.

P: 15 points at 200-level Art History and Theory and 15 points at 200-level from any Humanities/Social Science Faculty course.

R: ARTH 203, FREN 323

EQ: FREN 323

ARTH 325 Aesthetic Theory

30 Points 0.2500 EFTS

Not offered in 2013

This course examines some of the principal problems in the study of aesthetics, and their relevance to contemporary art and theory.

P: 15 points at 200-level Art History and Theory and 15 points at 200-level from any Humanities/Social Science Faculty course.

ARTH 327 Abstract Art

30 Points 0.2500 EFTS

The course investigates a range of models and practices of abstraction in modern and contemporary art, focusing on the work of European and American artists from the early twentieth century to the present.

P: 15 points at 200-level Art History and Theory and 15 points at 200-level from any Humanities/Social Science Faculty course.

RP: ARTH 103, ARTH 109

ARTH327-13S2 (C) Semester 2

ARTH 328 Art of the Floating World

30 Points 0.2500 EFTS

P: 15 points at 200-level Art History and Theory and 15 points from any Humanities and Social Sciences Faculty course.

RP: ARTH 210

ARTH328-13S2 (C) Semester 2

ARTS 395 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: Special application and interview, with permission of Internship Director.

RP: Students should attend UC Careers CV writing and Interview skills workshops prior to submitting internship application.

ARTS395-13S1 (C) Semester 1

ARTS395-13A (C) Starts Any time

ARTS395-13S2 (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 www.arts.canterbury.ac.nz/internship for more information.

Art History

School of Humanities

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.

ARTH 401 Te Mahi Taonga: Māori and 4th World Indigenous Art in Perspective

0.2500 EFTS

This course interprets Māori and 4th World Indigenous art according to a variety of mythological, archaeological, historical and bicultural perspectives. Students will also be

encouraged to develop their own understandings of, and relationships to, Māori and 4th World Indigenous art.

P: Subject to approval of the Programme Convenor.

C: Subject to approval of the Programme Convenor.

R: PACS 412, MAOR 418

EQ: PACS 412, MAOR 418

ARTH401-13S2 (C) Semester 2

ARTH 406 Art and Literature in 19th Century France

0.2500 EFTS

Not offered in 2013

This course examines the relationships between art and literature in nineteenth century France.

P: Subject to approval of the Programme Convenor.

ARTH 415 Arts and Crafts Architecture

0.2500 EFTS

Not offered in 2013

Arts and Crafts architecture will be examined within an international context, with emphasis on developments in the United States, Australia and New Zealand. Attention will also be given to the British origins of the movement and its impact on European architecture. Emphasis is placed on primary research and students will be encouraged to examine the adaptation of Arts and Crafts design principles to New Zealand conditions.

P: Subject to approval of the Programme Convenor.

ARTH 417 The Art Museum Past and Present

0.2500 EFTS

This course takes an art historical look at art museums, past and present, exploring some of the political and social contexts that determine their development, and practices of collecting and display.

P: Subject to approval of the Programme Convenor.

R: CULT 406 and ARTC 402

ARTH417-13S1 (C) Semester 1

ARTH 418 Research Paper

0.2500 EFTS

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

P: Subject to the approval of the Programme Convenor.

R: ARTC 403, ARTT 425

EQ: ARTC 403, ARTT 425

ARTH418-13S1 (C) Semester 1

ARTH 419 Aesthetics in Cross-Cultural Perspective

0.2500 EFTS

Concentrating on the art traditions of two countries - China and Japan - this course is an introduction to major and representative works of East Asian art (including painting,

architecture, and garden design), and compares East Asian thinking about art with European aesthetic theory.

P: Subject to the approval of the Programme Convenor.

R: ARTH 410

EQ: ARTT 410

ARTH419-13S1 (C) Semester 1

ARTH 420 Anti-scrape to INTBAU: The History and Theory of Architectural Conservation

0.2500 EFTS

An examination of the history and theory of architectural conservation from the 1870s to the present day. Particular emphasis will be placed on developments in Britain and New Zealand, on the emergence of international conservation charters and the application of their principles to specific case studies.

P: By permission of the Programme Convenor. Students without a background in Art History but with other relevant qualifications (e.g. BArch) may also apply.

ARTH420-13S2 (C) Semester 2

ARTH 421 Independent Course of Study

0.2500 EFTS

Not offered in 2013

P: Permission of the Programme Coordinator

ARTH 480 Research Paper

0.2500 EFTS

P: Subject to approval of the Programme Convenor.

ARTH480-13S1 (C) Semester 1

ARTH480-13S2 (C) Semester 2

ARTH 690 MA Thesis

1.0000 EFTS

P: Subject to approval of the Programme Convenor.

ARTH690-13A (C) Starts Any time

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

ARTH 790 Art History Phd

1.0000 EFTS

P: Subject to approval of the Programme Convenor.

ARTH790-13A (C) Starts Any time

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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Art Theory

School of Humanities

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.

ARTT 410 Aesthetics in Cross-Cultural Perspective

0.2500 EFTS

Concentrating on the art traditions of two countries - China and Japan - this course is an introduction to major and representative works of East Asian art (including painting, architecture, and garden design), and compares East Asian thinking about art with European aesthetic theory.

P: Subject to approval of the Programme Convenor.

R: ARTH 419

EQ: ARTH 419

ARTT410-13S1 (C) Semester 1

ARTT 415 Art Theory

0.2500 EFTS

Not offered in 2013

P: Subject to approval of the Programme Convenor.

R: PACS 414

EQ: PACS 414

ARTT 425 Research Paper

0.2500 EFTS

Not offered in 2013

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

P: Subject to approval of the Programme Convenor.

R: ARTC 403; ARTH 418

EQ: ARTC 403, ARTH 418

ARTT 480 Research Essay

0.2500 EFTS

P: Subject to approval of the Programme Convenor.

ARTT480-13S1 (C) Semester 1

ARTT480-13S2 (C) Semester 2

ARTT 481 Research Essay

0.2500 EFTS

P: Subject to approval of the Programme Convenor.

ARTT481-13S1 (C) Semester 1

ARTT 611 Research Paper

0.2500 EFTS

P: Subject to approval of the Programme Convenor.

ARTT611-13W (C) Whole Year (S1 and S2)

ARTT 690 MA Thesis

1.0000 EFTS

P: Subject to approval of the Programme Convenor.

ARTT690-13A (C) Starts Any time

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

ARTT 790 Art Theory PhD

1.0000 EFTS

P: Subject to approval of the Programme Convenor.

ARTT790-13A (C) Starts Any time

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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.

Arts

College of Arts

ARTS 110 Special Topic: Communities, Crisis and Resilience

15 Points 0.1250 EFTS

Not offered in 2013

One of the interesting questions in a rapidly globalising world is the nature of the local community. Local communities are held together by a complex set of political, economic, social and communications structures. They contain smaller more tightly knit communities, such as ethnic communities, religious communities, business communities, cultural communities, suburban communities, and academic communities. In this course we will consider the nature of communities from a variety of disciplinary perspectives, in an attempt to understand the nature of a community, and the ties that bind it together. The recent earthquakes in Christchurch and the reactions from the different communities provide a focus as we seek a better understanding of our own community.

ARTS 395 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: Special application and interview, with permission of Internship Director.

RP: Students should attend UC Careers CV writing and Interview skills workshops prior to submitting internship application.

ARTS395-13S1 (C) Semester 1

ARTS395-13A (C) Starts Any time

ARTS395-13S2 (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 www.arts.canterbury.ac.nz/internship for more information.

Astronomy

Department of Physics and Astronomy

ASTR 109 The Cosmos: Birth and Evolution

15 Points 0.1250 EFTS

Descriptive overview of the universe. Earth impacts and extinctions by comets and asteroids. Solar system origins. The big bang and cosmology. Stellar birth and death. Life in the universe. Search for extraterrestrial intelligence (SETI) programmes.

R: PHYS 109, PHYS 110

EQ: PHYS 109

ASTR109-13S2 (C) Semester 2

ASTR 112 Astrophysics

15 Points 0.1250 EFTS

A general descriptive introduction to modern astrophysics: the Sun and stars, the Galaxy, extragalactic systems and cosmology.

ASTR112-13S1 (C) Semester 1

ASTR 211 Imaging the Universe

15 Points 0.1250 EFTS

Have you ever seen the beautiful pictures of the Eagle Nebula made by the Hubble Space Telescope? Modern astronomical research relies heavily on advanced imaging technologies. In this course students will learn and apply the methods of digital astrophotography to make images of the Universe that are not only beautiful, but can be used to study questions such as: "What is the chemical makeup of galaxies?", "What are the temperatures of stars?" and "Is that nearby asteroid about to collide with the Earth?". The course will be taught in a very hands-on way, with the participation of students in tutorials and much of the assessment by way of practical assignments. The syllabus will include: telescopes, CCDs, filters general image processing methods astrometry, coordinate systems and time photometry spectroscopy.

P: 30 points from ASTR 112, MATH 100-level, STAT 100-level, PHYS 101-102, or PHYS 111. 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.

ASTR211-13S2 (C) Semester 2

Offered in odd-numbered years.

ASTR 212 Dynamical Astronomy and the Solar System

15 Points 0.1250 EFTS

Not offered in 2013

Orbital dynamics, the solar system and planetary exploration.

P: 30 points from ASTR 112, MATH 100-level, STAT 100-level, PHYS 101-102, or PHYS 111. 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.

ASTR 322 Theoretical and Observational Cosmology

15 Points 0.1250 EFTS

The nature, origin and evolution of the universe.

P: (1) Either (33 points from PHYS 221-224) or PHYS 203 and (PHYS 202 or PHYS 204). (2) MATH 103 or MATH 109 or EMTH 119.

R: PHYS 322

RP: MATH 201

EQ: PHYS 322

ASTR322-13S2 (C) Semester 2

ASTR 323 Stellar Structure and Evolution

15 Points 0.1250 EFTS

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

P: 22 points from PHYS 201-204, PHYS 221-PHYS 224, ASTR 211, ASTR 212; (2) MATH 103 or MATH 109 or EMTH 119.

R: PHYS 323

RP: MATH 201

EQ: PHYS 323

ASTR323-13S1 (C) Semester 1

Offered in odd-numbered years.

ASTR 324 Special Topic

15 Points 0.1250 EFTS

P: (1) 22 points from PHYS 221-PHYS 224, ASTR 211, ASTR 212; (2) MATH 103 or MATH 109 or equivalent

ASTR324-13S2 (C) Semester 2

ASTR 325 The Structure and Evolution of Galaxies

15 Points 0.1250 EFTS

Not offered in 2013

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: 22 points from PHYS 201-204, PHYS 221-PHYS 224, ASTR 211, ASTR 212; MATH 103 or MATH 109 or EMTH 119.
R: PHYS 325, ASTR 425
EQ: PHYS 325

Offered in even-number years.

ASTR 326 Special Topic

15 Points 0.1250 EFTS

P: (1) 22 points from PHYS 221 - PHYS 224, ASTR 211, ASTR 212; (2) MATH 109 or equivalent; (3) Entry subject to the approval of the Head of Department

ASTR326-13S1 (C) Semester 1

Offered in odd-numbered years.

ASTR 381 Advanced Experiments in Physics and Astronomy

15 Points 0.1250 EFTS

Execution and write-up of selected laboratory experiments.

P: (1) Either (PHYS 282 and 22 points from PHYS 221-224) or (PHYS 285 and 30 points from PHYS 201-204 including either PHYS 202 or PHYS 204). (2) MATH 103 or MATH 109 or EMTH 119.

R: PHYS 381

RP: MATH 201

EQ: PHYS 381

ASTR381-13S2 (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.

ASTR 391 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) MATH 103 or MATH 109 or equivalent (2) 44 points from PHYS 200 or ASTR 200 (3) Entry subject to a supervisor approved by the Head of Department, being available.

R: ASTR 392, ASTR 393

ASTR391-12SU2 (C) Summer (Nov 12)

ASTR391-13S1 (C) Semester 1

ASTR391-13S2 (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.

ASTR 421 Techniques in Observational Astronomy

0.1250 EFTS

Not offered in 2013

P: Subject to approval of the Head of Department.

ASTR 422 Theoretical and Observational Cosmology

0.1250 EFTS

P: Subject to approval of the Head of Department.

R: PHYS 422

EQ: PHYS 422

ASTR422-13S2 (C) Semester 2

ASTR 423 Stellar Structure and Evolution

0.1250 EFTS

P: Subject to approval of the Head of Department.

ASTR423-13S1 (C) Semester 1

Offered in odd-numbered years.

ASTR 424 Radiative Transfer Processes in Astronomy

0.1250 EFTS

P: Subject to approval of the Head of Department.

R: PHYS 424

EQ: PHYS 424

ASTR424-13S2 (C) Semester 2

ASTR 425 The Structure and Evolution of Galaxies

0.1250 EFTS

Not offered in 2013

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: ASTR 325, PHYS 325

RP: ASTR 112, ASTR 211 or ASTR 212, 33 points from PHYS 221-224

Offered in even-numbered years.

ASTR 426 Special Topic

0.1250 EFTS

P: Subject to approval of the Head of Department.

ASTR426-13S1 (C) Semester 1

ASTR 427 Special Topic

0.1250 EFTS

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

ASTR427-13S2 (C) Semester 2

ASTR 430 Astronomy Literature Review

0.1250 EFTS

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

P: Subject to approval of the Head of Department.

ASTR430-13S1 (C) Semester 1

ASTR430-13S2 (C) Semester 2

ASTR 480 Astronomy Research Project

0.2500 EFTS

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

P: Subject to approval of the Head of Department.

ASTR480-13A (C) Starts Any time

ASTR 690 MSc Thesis

1.0000 EFTS

P: Subject to approval of the Head of Department.

ASTR690-13A (C) Starts Any time

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

ASTR 790 Astronomy PhD

1.0000 EFTS

P: Subject to approval of the Head of Department.

ASTR790-13A (C) Starts Any time

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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Audiology

Department of Communication Disorders

CMDS 299 Introduction to Communication Disorders - MAud

15 Points 0.1250 EFTS

This course is designed to introduce Master of Audiology students to the profession of speech-language therapy. The course provides an overview of the types of communication disorders typically seen in children and adults and introduces students to assessment and intervention techniques. The course is a required course for Master of Audiology students who have not graduated with a Bachelor of Speech and Language Therapy, or its equivalent.

P: Entry subject to approval by the Head of Department

CMDS299-13W (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.

CMDS 604 Research Design

0.0900 EFTS

This course will discuss the development of research questions and the design of research projects. Articles in the discipline will be used to illustrate different designs. Analysis of data will be described.

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

CMDS604-13S1 (C) Semester 1

CMDS 610 Clinical Observation and Practice I

0.1833 EFTS

Introduction to clinical observation and application of theory in practice followed by supervised clinical practice in a variety of settings.

P: Entry subject to approval of Head of Department.

R: CMDS 630, CMDS 640

CMDS610-13W (C) Whole Year (S1 and S2)

CMDS 620 Clinical Observation and Practice II

0.0833 EFTS

Supervised clinical practice in a variety of settings.

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

R: CMDS 660, CMDS 670

CMDS620-13W (C) Whole Year (S1 and S2)

CMDS 629 Clinical Audiology

0.0500 EFTS

This course introduces postgraduate students to the profession of audiology, including information concerning different types of hearing impairment; anatomy, physiology, and pathologies of the hearing mechanism; and tests and clinical procedures used in audiological evaluations.

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

CMDS629-13S1 (C) Semester 1

CMDS 631 Biological Bases of Auditory Function

0.0900 EFTS

Study of the anatomy, biochemistry, biophysics, and physiology of the auditory and vestibular systems.

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

CMDS631-13S1 (C) Semester 1

CMDS 632 Acoustics and Psychoacoustics

0.0900 EFTS

An understanding of the nature of sound is fundamental to the field of Audiology. This course includes an overview of the basic principles underlying the nature, analysis and perception of sound and speech. Psychoacoustic principles, theories of hearing and their relationship to normal hearing, and fundamental principles of speech acoustics are presented. Through readings, demonstrations, exercises, projects and lectures, students will develop a foundation of

the concepts that underlie acoustics and psychoacoustics, and will apply these concepts to practical problems in audiology. Theoretical knowledge will be complemented with hands-on lab exercises.

P: Entry subject to approval by the Head of Department.
CMDS632-1351 (C) Semester 1

CMDS 633 Amplification

0.0900 EFTS

Study of amplification systems for the hearing impaired. Study of the components and electroacoustic characteristics of hearing aids and assistive listening devices, as well as approaches for selecting the devices and verifying their fitting. Laboratory work required.

P: Entry subject to approval by the Head of Department.
CMDS633-1351 (C) Semester 1
CMDS633-1352 (C) Semester 2

CMDS 634 Paediatric Audiology

0.0900 EFTS

Study of the audiometric assessment of paediatric and difficult to test populations including behavioural, immittance, speech, evoked potential, and otoacoustic emission testing. Basic embryology, developmental milestones, and pathologies & syndromes will also be covered.

P: Entry subject to approval by the Head of Department.
CMDS634-1352 (C) Semester 2

CMDS 635 Electrophysiological Techniques

0.0900 EFTS

Study of concepts and procedures used in objective measurements of hearing, with major emphasis on auditory brainstem responses and otoacoustic emissions. Clinical applications and case studies integrate these recordings with behavioural tests used in audiological evaluations.

P: Entry subject to approval by the Head of Department.
CMDS635-1352 (C) Semester 2

CMDS 636 Advanced Audiology

0.0900 EFTS

This course covers a wide range of advanced topics in audiology such as counselling, tinnitus, industrial audiology, business practice management, ethics, cultural sensitivity, and other issues related to aural rehabilitation and audiological practice.

P: Entry subject to approval by the Head of Department.
CMDS636-1352 (C) Semester 2

CMDS 637 Cochlear Implants

0.0500 EFTS

Overview of history of cochlear implants, corporation technology in cochlear-implant industry, and contemporary speech processing strategies for cochlear implants. Study of surgeries, audiological evaluation procedures used pre- and post-operatively, patient performance, counselling,

and current research topics. This course is available only to Master of Audiology students.

P: Entry subject to approval by the Head of Department.
CMDS637-1352 (C) Semester 2
CMDS637-13T4 (C) 09 Sep 2013 - 20 Oct 2013

CMDS 638 Medical Audiology

0.0410 EFTS

Study of pharmacological and genetic issues important to hearing and hearing disorders. Major diseases and disorders of the auditory system, considered through different taxonomies including disorder definition, primary and secondary features, onset and clinical course, diagnostic approaches, case examples, resulting impairment(s) and treatment approaches.

P: Entry subject to approval by the Head of Department.
CMDS638-1351 (C) Semester 1

CMDS 639 Vestibular Disorders

0.0410 EFTS

Study of normal anatomy and physiology of the peripheral and central vestibular system. Reviews peripheral and central vestibular disorders and treatment protocols. Major focus of assessment on electronystagmography with associated Ia. Provides overview of rotational and posturography measures of balance function.

P: Entry subject to approval by the Head of Department.
CMDS639-13T3 (C) 15 July 2013 - 25 Aug 2013

CMDS 642 Auditory Processing and Its Disorders

0.0410 EFTS

Auditory Processing Disorders (APD) refers to a variety of deficits in the neural processing of auditory information. APD is indicated by poor performance in a range of specific listening skills, such as auditory discrimination, sound localisation, temporal sequencing, and auditory performance in the presence of competing acoustic signals. This course presents basic auditory neuroscience with an emphasis on the central nervous system, and reviews the specific psychoacoustic skills that may be affected by APD. The nature of APD, including controversy about its causes and neurological correlates and the relationship between APD and other language or cognitive disorders, is also discussed. Tests for screening and diagnosis, and intervention strategies for APD are also reviewed.

P: Entry subject to approval by the Head of Department.
CMDS642-1351 (C) Semester 1

CMDS 650 Externship

0.0900 EFTS

Ten-week supervised off-campus clinical practicum consolidating the relationship between theory and practice and enskilling students to become independent.

P: Entry subject to approval by the Head of Department.
CMDS650-12SU2 (C) Summer (Nov 12)

CMDS 680 Clinical Practice III

0.0410 EFTS

Supervised clinical practice in a variety of settings.

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

CMDS680-12SU2 (C) Summer (Nov 12)**CMDS 690 MAud Thesis**

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: Entry subject to approval by the Head of Department.

CMDS690-13A (C) Starts Any time*Part-time enrolment (0.4875 EFTS) is available on approval.***CMDS 795 Audiology PhD**

1.0000 EFTS

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

CMDS795-13A (C) Starts Any time*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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Biochemistry

BCHM 202 Molecular Genetics

15 Points

0.1250 EFTS

Principles of genetics, including the structure of RNA and DNA, molecular replication, transcriptions, translation. Protein synthesis.

P: (1) BIOL 111; (2) BIOL 112 or BIOL 113 or CHEM 114 or CHEM 112.

R: BIOL 230, BIOL 231, ENCH 480

EQ: BIOL 231

BCHM202-13S1 (C) Semester 1**BCHM 206 Organic Chemistry**

15 Points

0.1250 EFTS

Reaction mechanisms, synthesis and biosynthesis of organic compounds.

P: BCHM 205 or CHEM 212 or CHEM 232 or ENCH 241

R: CHEM 222, CHEM 242, CHEM 262, CHEM 272

EQ: CHEM 242

BCHM206-13S2 (C) Semester 2**BCHM 207 Special Topic**

15 Points

0.1250 EFTS

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.

BCHM207-13S1 (C) Semester 1**BCHM207-13W (C) Whole Year (S1 and S2)****BCHM 212 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: CHEM 112

R: BCHM 205, CHEM 212, CHEM 232, ENCH 241

EQ: CHEM 212

BCHM212-13S1 (C) Semester 1**BCHM 221 BIOCHEMISTRY A - Biomolecules and their interactions**

15 Points

0.1250 EFTS

The chemistry and biological function of biomolecules. Experimental methods of studying cellular biochemistry. Enzyme kinetics.

P: (1) BIOL 111 (2) CHEM 112 or CHEM 115

R: BCHM 201, ENCH 323

BCHM221-13S1 (C) Semester 1**BCHM 222 BIOCHEMISTRY B - Metabolism; the reactions of molecules in cells**

15 Points

0.1250 EFTS

The general principles of metabolism and metabolic control.

P: BCHM 221

R: BCHM 201, ENCH 323

BCHM222-13S2 (C) Semester 2**BCHM 253 Cell Biology I**

15 Points

0.1250 EFTS

Internal organisation of the cell. The course will build on the introduction to cell biology in BIOL111 and seek to develop further understanding of the internal workings of the cell.

P: BIOL 111 and 15 points of CHEM at 100-level.

R: BIOL 253

RP: 30 points of CHEM at 100-level

EQ: BIOL 253

BCHM253-13S2 (C) Semester 2**BCHM 281 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: CHEM 111 or CHEM 112 or CHEM 114.

R: CHEM 281

BCHM281-13S2 (C) Semester 2

BCHM 301 Biochemistry 3

30 Points 0.2500 EFTS
Protein conformation and function. Further studies of lipid, carbohydrate and amino acid metabolism. Metabolic control. Biochemical genetics.

P: (1) Either BCHM 201 or BCHM 221 and BCHM 222; (2) BCHM 202 or BIOL 230 or BIOL 231.
R: BIOL 331
EQ: BIOL 331

BCHM301-13W (C) Whole Year (S1 and S2)

BCHM 302 Biological Chemistry

30 Points 0.2500 EFTS
Chemical aspects of biosynthetic pathways. Enzyme and co-enzyme chemistry. Pharmaceutical chemistry, bio-inorganic chemistry, bio-physical chemistry.

P: Either (1) 22 points from BCHM 205, or BCHM 206, or BCHM 212, or CHEM 212, or CHEM 222, or CHEM 232, or CHEM 242, or CHEM 262, or CHEM 272, or ENCH 241; or (2) BCHM 201 and either BCHM 205 BCHM 212 or CHEM 212 or CHEM 232 or ENCH 241; or (3) BCHM 221 and BCHM 222 and either BCHM 205 or BCHM 212 or CHEM 212 or CHEM 232 or ENCH 241.

R: CHEM 325, ENCH 445
EQ: CHEM 325

BCHM302-13W (C) Whole Year (S1 and S2)

BCHM 303 Special Topic

15 Points 0.1250 EFTS

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.

BCHM303-13W (C) Whole Year (S1 and S2)

BCHM 304 Special Topic

15 Points 0.1250 EFTS

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

BCHM304-13W (C) Whole Year (S1 and S2)

BCHM 335 Biochemical and Environmental Toxicology

15 Points 0.1250 EFTS

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, (2) BIOL 111
R: BCHM 302; CHEM 325
RP: CHEM 112

BCHM335-13S2 (C) Semester 2

BCHM 381 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: BCHM 201 (if taken prior to 2005) or BCHM 281 or CHEM 281

BCHM381-13S2 (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.

BCHM 401 Medical Biochemistry

0.2500 EFTS

The course covers biochemical aspects of selected human diseases. These may include free radical mediated disease processes, cystic fibrosis, neurodegeneration and antioxidant changes during exercise.

P: Subject to approval of the Head of Department.

R: BIOL 436
EQ: BIOL 436

BCHM401-13W (C) Whole Year (S1 and S2)

BCHM 403 Protein Science

0.2500 EFTS

An advanced treatment of protein science, covering structure, function, applications, and the inter-relationships between these. Assessment places a focus on professional scientific communication skills.

P: Subject to approval of the Head of Department.

R: BIOL 435
EQ: BIOL 435

BCHM403-13W (C) Whole Year (S1 and S2)

BCHM 405 Molecular Biology for Biosecurity

0.2500 EFTS

This course will consider the multi-disciplinary problems of biosecurity/biosafety using genetics, biochemistry and ecology as guides to risk assessment. Suitable for students interested in basic as well as applied molecular biology.

P: Subject to approval of the Head of Department.

R: BIOL 434
EQ: BIOL 434

BCHM405-13W (C) Whole Year (S1 and S2)

BCHM 406 Genomics

0.2500 EFTS

This course covers the principles of genome analysis (genomics) drawing upon the wealth of information being generated by genome mapping and sequencing projects. Seminar topics will examine how the application of modern molecular genetic techniques, coupled with comparative evolutionary analyses, are improving our understanding of biological systems.

P: Subject to approval of the Head of Department.

R: BIOL 430
EQ: BIOL 430

BCHM406-13W (C) Whole Year (S1 and S2)

BCHM 407 Special Topic

0.2500 EFTS

P: Subject to approval of the Head of Department.

BCHM407-13W (C) Whole Year (S1 and S2)

BCHM 408 Special Topic

0.2500 EFTS

P: Subject to approval of the Head of Department.

BCHM408-13W (C) Whole Year (S1 and S2)

BCHM 409 Special Topic

0.2500 EFTS

P: Subject to approval of the Head of Department.

BCHM409-13S2 (C) Semester 2

BCHM 413 Special Topic: Independent Course of Study

0.6000 EFTS

P: Entry with the approval of the Programme Coordinator, Biochemistry.

BCHM413-13A (C) Starts Any time

BCHM 420 Biological Chemistry

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

BCHM420-13W (C) Whole Year (S1 and S2)

BCHM 480 Project

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.

BCHM480-13W (C) Whole Year (S1 and S2)

BCHM 690 MSc Thesis

1.0000 EFTS

P: Subject to approval of the Head of Department.

BCHM690-13A (C) Starts Any time

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

BCHM 790 Biochemistry PhD

1.0000 EFTS

P: Subject to approval of the Head of Department.

BCHM790-13A (C) Starts Any time

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 Student 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.

ENBI 601 Medical Bioengineering

0.1250 EFTS

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.

ENBI601-13S2 (C) Semester 2

ENBI 605 Biomedical Engineering Simulations

0.1250 EFTS

P: Subject to approval of the Head of Department.

R: ENME 409, ENME 609

ENBI605-13S1 (C) Semester 1

ENBI 690 Bioengineering ME Thesis

1.0000 EFTS

P: Subject to approval of the Head of Department

ENBI690-13A (C) Starts Any time

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

ENBI 790 Bioengineering PhD

1.0000 EFTS

P: Subject to the approval of the Head of Department

ENBI790-13A (C) Starts Any time

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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Biological Sciences

School of Biological Sciences

BIOL 111 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.

BIOL111-13S1 (C) Semester 1

BIOL 112 Ecology, Evolution and Conservation

15 Points 0.1250 EFTS

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

BIOL112-13S2 (C) Semester 2

Fieldwork is required.

BIOL 113 Diversity of Life

15 Points 0.1250 EFTS

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

BIOL113-13S1 (C) Semester 1

BIOL 116 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 the Head of School students advancing in science subjects.

BIOL116-13S2 (C) Semester 2

BIOL 203 Introduction to Forensic Biology

15 Points 0.1250 EFTS

An introduction to the ways in which forensic investigations draw upon scientific knowledge, especially from the biological sciences. The practical component of the course will involve reasoning through evidence and the use of DNA as tool for suspect identification.

P: BIOL 111 and a further 15 points of BIOL at 100-level (or equivalent background as determined by the Head of Department).

R: BIOL 303

RP: 15 points of 100-level CHEM

BIOL203-12SU2 (C) Summer (Nov 12)

BIOL 209 Introduction to 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: 30 points 100-level BIOL (from 2014, 30 points 100-level BIOL and STAT 101 (or an excellence endorsement in NCEA L3 mathematics)).

BIOL209-13S1 (C) Semester 1

BIOL 210 Vertebrate Biology

15 Points 0.1250 EFTS

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

P: BIOL 112 and BIOL 113

BIOL210-13S2 (C) Semester 2

BIOL 211 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: BIOL 112 and BIOL 113

BIOL211-13S2 (C) Semester 2

BIOL 212 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: BIOL 112 and BIOL 113

BIOL212-13S1 (C) Semester 1

Fieldwork is required.

BIOL 213 Microbiology and Genetics

15 Points 0.1250 EFTS

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

P: BIOL 111, BIOL 113

C: BIOL 231 or BCHM 202

BIOL213-13S1 (C) Semester 1

BIOL 215 Plant Diversity and Systematics

15 Points 0.1250 EFTS

An introduction to the methodology and principles of systematics and the patterns and origin of vascular plant diversity. Note - this course will be offered in odd-numbered years only.

P: BIOL 113, or with the approval of the Head of School.

RP: BIOL 271

BIOL215-13S2 (C) Semester 2

BIOL 231 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: BIOL 111 and one of either BIOL 112, BIOL 113, CHEM 112, or CHEM 114

R: BCHM 202, ENCH 480, BIOL 230

EQ: BCHM 202, ENCH 480

BIOL231-13S1 (C) Semester 1

BIOL 250 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: BIOL 111

BIOL250-13S1 (C) Semester 1**BIOL 251 Exercise and Health**

15 Points 0.1250 EFTS

The course will consider the health benefits of exercise and the ways in which exercise performance can be monitored. It will consider biochemical and physiological changes that accompany training regimes.

P: BIOL 111 or BIOL 116. Students with other appropriate preparation may be admitted to this course with the approval of the Head of the School of Biological Sciences.

BIOL251-13S2 (C) Semester 2**BIOL 253 Cell Biology I**

15 Points 0.1250 EFTS

Internal organisation of the cell. The course will build on the introduction to cell biology in BIOL111 and seek to develop further understanding of the internal workings of the cell.

P: BIOL 111 and 15 points of CHEM at 100-level.

R: BCHM 253

RP: 30 points of CHEM at 100-level.

EQ: BCHM 253

BIOL253-13S2 (C) Semester 2**BIOL 254 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: BIOL 111

R: BIOL 252

RP: CHEM 114

BIOL254-13S2 (C) Semester 2**BIOL 270 Ecology**

30 Points 0.2500 EFTS

Principles of ecology with an emphasis on New Zealand factors affecting plant and animal ecology, including population ecology, competition, resource acquisition, disturbance and succession.

P: BIOL 112 and BIOL 113

R: FORE 202

BIOL270-13S1 (C) Semester 1*Fieldwork is required.***BIOL 271 Evolution**

15 Points 0.1250 EFTS

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

P: BIOL 112

BIOL271-13S1 (C) Semester 1**BIOL 272 Principles of Animal Behaviour**

15 Points 0.1250 EFTS

Biological mechanisms underlying animal behaviour and the evolutionary functions of these behaviours. Sensory processing, learning, feeding, predator avoidance, communication, sociality, game theory, and cognition are explored from a comparative standpoint.

P: BIOL 112 or PSYC 105

BIOL272-13S2 (C) Semester 2**BIOL 273 New Zealand Biodiversity and Biosecurity**

15 Points 0.1250 EFTS

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: 30 points at 100-level

R: BIOL 114

BIOL273-13S2 (C) Semester 2*Fieldwork is required.***BIOL 304 Special Topic**

15 Points 0.1250 EFTS

Not offered in 2013

To be arranged from time to time to take advantage of visiting academics, new areas of interest etc.

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

BIOL 305 Practical Field Botany

15 Points 0.1250 EFTS

A residential field course focussing on the identification and sampling of plants, in practical (field) conditions. This residential field course runs from 15 January 2013 to 23 January 2013 (inclusive).

P: BIOL 215 or subject to approval by the Head of the School of Biological Sciences

BIOL305-13SU1 (C) Summer (Jan 13)*Limited entry. See limitation of entry regulations. Fieldwork is required.***BIOL 306 Special Topic**

15 Points 0.1250 EFTS

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

BIOL306-13W (C) Whole Year (S1 and S2)

BIOL 307 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. Exchange students and new enrolments 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 by the Head of School.

BIOL307-13A (C)**Starts Any time****BIOL307-13S2 (C)****Semester 2****BIOL 308 Special Topic**

30 Points

0.2500 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. Exchange students and new enrolments 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 by the Head of School.

BIOL308-13A (C)**Starts Any time****BIOL308-13S2 (C)****Semester 2****BIOL 309 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: BIOL 209 or other statistical background as determined by the Head of School.

BIOL309-13S2 (C)**Semester 2****BIOL 313 Advanced Microbiology**

30 Points

0.2500 EFTS

Applied and environmental microbiology.

P: BIOL 213 and BIOL 231 or BCHM 202. For students enrolled before 2010, BIOL 213.

RP: BIOL 253

BIOL313-13S2 (C)**Semester 2****BIOL 331 Biochemistry 3**

30 Points

0.2500 EFTS

Protein conformation and function. Further studies of lipid, carbohydrate and amino acid metabolism. Metabolic control. Biochemical genetics.

P: (1) BCHM 201, or BCHM 221 and BCHM 222; (2) BCHM 202 or BIOL 230 or BIOL 231

R: PAMS 308, BCHM 301

EQ: BCHM 301

BIOL331-13W (C)**Whole Year (S1 and S2)****BIOL 332 Genetics and Evolution 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 and spread of introduced organisms.

P: BIOL 271

BIOL332-13S2 (C)**Semester 2****BIOL 333 Molecular Genetics**

15 Points

0.1250 EFTS

BIOL 333 is an advanced molecular genetics course that builds on the conceptual frameworks developed in the pre-requisite courses BIOL 231 and BIOL 213. It provides in-depth coverage across the breadth of life with an emphasis on gene expression, gene concepts and biotechnology.

P: BIOL 231/BCHM 202 and BIOL 213

R: BIOL 330

BIOL333-13S1 (C)**Semester 1****BIOL 334 Evolutionary Genetics**

15 Points

0.1250 EFTS

BIOL 334 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 with an emphasis on population, conservation and quantitative genetics, phylogenetics and phylogeography.

P: BIOL 271

R: BIOL 330

BIOL334-13S1 (C)**Semester 1****BIOL 335 Bioinformatics and Genomics**

15 Points

0.1250 EFTS

BIOL 335 introduces students to the biology and evolution of genomes from across the tree of life, including the human genome and the genetics of human disease. It provides up-to-date knowledge of high throughput methods used in genome sequencing, genome-wide association studies and the study of gene expression. The course also provides students with a strong foundation in bioinformatics as a scientific discipline and as a set of practical tools for analysing and studying genomic data.

P: 30 points from: BIOL 209, BIOL 231, BIOL 253, BCHM 253,

BIOL 271, BCHM 221, BCHM 222, BCHM 202, BIOL 213,

COSC 261, COSC 262, COSC 265, 200-level MATH, 200-level

STAT. Students with no Biology/Biochemistry papers require permission from the Head of School.

R: BIOL 330

RP: BIOL 333 or BIOL 334

BIOL335-13S2 (C)**Semester 2**

BIOL 351 Cell Biology 2

30 Points 0.2500 EFTS

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

P: BIOL 253. Students enrolled before 2010, either (1) BIOL 231 and 232; or (2) BIOL 230 or BIOL 250 or BIOL 252 or BCHM 201.

BIOL351-1352 (C) Semester 2**BIOL 352 Plant Development and Biotechnology**

30 Points 0.2500 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: BIOL 252 or BIOL 254

BIOL352-1351 (C) Semester 1**BIOL 354 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: BIOL 250

BIOL354-1352 (C) Semester 2**BIOL 355 Neurons, Hormones and Behaviour**

15 Points 0.1250 EFTS

The physiological basis of behaviour. Building on the introduction to Animal Physiology in BIOL 250, 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: BIOL 250

RP: BIOL 272

BIOL355-1351 (C) Semester 1**BIOL 371 Evolutionary Ecology**

15 Points 0.1250 EFTS

Advanced theories of evolution, emphasising the interaction between ecology and evolution, in relation to the evolutionary history of species and interactions among them.

P: BIOL 271

BIOL371-1351 (C) Semester 1**BIOL 373 Behavioural Ecology**

30 Points 0.2500 EFTS

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

P: (1) Either BIOL 271 or BIOL 272; (2) BIOL 209 or equivalent preparation in statistics.

BIOL373-1351 (C) Semester 1

Fieldwork is required.

BIOL 374 Marine Ecosystems

30 Points 0.2500 EFTS

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

P: BIOL 270 and BIOL 209

RP: BIOL 212

BIOL374-1352 (C) Semester 2

Fieldwork is required.

BIOL 375 Freshwater Ecosystems

30 Points 0.2500 EFTS

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

P: BIOL 270 and BIOL 209

BIOL375-1352 (C) Semester 2

Fieldwork is required.

BIOL 377 Global Change and Biosecurity

30 Points 0.2500 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: (1) BIOL 270 or FORE 202; (2) BIOL 209 or FORE 222/FORE 224

BIOL377-1351 (C) Semester 1

Fieldwork is required.

BIOL 378 Population Ecology and Conservation

15 Points 0.1250 EFTS

Advanced concepts in population ecology, especially tHead of Schoole 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: (1) BIOL 270 or FORE 202; (2) BIOL 209 or FORE 222/FORE 224

BIOL378-1351 (C) Semester 1

Fieldwork is required.

BIOL 379 Sustaining Native Biodiversity in Primary Production Systems

15 Points 0.1250 EFTS

A review of theoretical concepts coupled with policy and management tools to implement sustainable native biodiversity on managed lands such as agricultural and plantation forestry ecosystems.

P: (1) BIOL 270 or FORE 202; (2) BIOL 209 or FORE 222/FORE 224

R: BIOL 376, FORE 430, FORE 444

BIOL379-1352 (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.

BIOL 401 Special Topic: Laboratory Research Project

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.

BIOL401-12SU2 (C) Summer (Nov 12)

BIOL 402 Special Topic: Field Research Project

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.

BIOL402-12SU2 (C) Summer (Nov 12)

BIOL 404 Special Topic

0.2500 EFTS

P: Subject to approval of the Head of School.

BIOL404-13W (C) Whole Year (S1 and S2)

BIOL 405 Special Topic

0.2500 EFTS

P: Subject to approval of the Head of School.

BIOL405-13W (C) Whole Year (S1 and S2)

BIOL 406 Special Topic

0.2500 EFTS

P: Subject to approval of the Head of School.

BIOL406-13W (C) Whole Year (S1 and S2)

BIOL 407 Special Topic

0.2500 EFTS

P: Subject to approval of the Head of School.

BIOL407-13W (C) Whole Year (S1 and S2)

BIOL 408 Special Topic

0.2500 EFTS

P: Subject to approval of the Head of School.

BIOL408-13W (C) Whole Year (S1 and S2)

BIOL 409 Special Topic

0.2500 EFTS

P: Subject to approval of the Head of School.

BIOL409-13W (C) Whole Year (S1 and S2)

BIOL 421 Evolutionary Systematics

0.2500 EFTS

This course considers the fundamentals of determining the nature and extent of global biodiversity. It deals with issues such as the integration of morphological and biochemical data in systematics and the expression of systematic hypotheses in taxonomy.

P: Subject to approval of the Head of School.

BIOL421-13W (C) Whole Year (S1 and S2)

BIOL 430 Genomics

0.2500 EFTS

This course covers the principles of genome analysis (genomics) drawing upon the wealth of information being generated by genome mapping and sequencing projects. Seminar topics will examine how the application of modern molecular genetic techniques, coupled with comparative evolutionary analyses, are improving our understanding of biological systems.

P: Subject to approval of the Head of School.

R: BCHM 406

EQ: BCHM 406

BIOL430-13W (C) Whole Year (S1 and S2)

BIOL 431 Conservation Genetics

0.2500 EFTS

This course addresses some major issues in population genetics, conservation genetics and evolutionary genetics, including genetic consequences of inbreeding, the importance of functional genetic variation for evolutionary potential and the genetic paradoxes surrounding invasive species.

P: Subject to approval of the Head of School.

BIOL431-13W (C) Whole Year (S1 and S2)

BIOL 432 Cell Biology

0.2500 EFTS

A critical examination of recent advances in cell biology with emphasis on cell signalling, the cytoskeleton, cell junctions and protein targeting/translocation/trafficking. 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.

BIOL432-13W (C) Whole Year (S1 and S2)

BIOL 434 Molecular Biology

0.2500 EFTS

Molecular Biology is a cross disciplinary course which explores the interface between genetics, biochemistry, evolution and ecology. Students are encouraged to develop interests in the philosophy of discovery, how environments shape genomes and how physiology guides evolution. The course covers all creatures that reproduce (prokaryotic, eukaryotic and noncellular).

P: Subject to approval of the Head of School.

R: BCHM 405

EQ: BCHM 405

BIOL434-13W (C) Whole Year (S1 and S2)

BIOL 435 Protein Science

0.2500 EFTS

An advanced treatment of protein science, covering structure, function, applications, and the inter-relationships between these. Assessment places a focus on professional scientific communication skills.

P: Subject to approval of the Head of School.

R: BCHM 403

EQ: BCHM 403

BIOL435-13W (C) Whole Year (S1 and S2)

BIOL 436 Medical Biochemistry

0.2500 EFTS

The course covers biochemical aspects of selected human diseases. These may include free radical mediated disease processes, cystic fibrosis, neurodegeneration and antioxidant changes during exercise.

P: Subject to approval of the Head of School.

R: BCHM 401

EQ: BCHM 401

BIOL436-13W (C) Whole Year (S1 and S2)

BIOL 451 Environmental Animal Physiology

0.2500 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, acid-base regulation and cardiovascular physiology.

P: Subject to approval of the Head of School.

BIOL451-13W (C) Whole Year (S1 and S2)

BIOL 470 Behaviour

0.2500 EFTS

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

P: Subject to approval of the Head of School.

BIOL470-13W (C) Whole Year (S1 and S2)

BIOL 471 Community Ecology

0.2500 EFTS

This course covers theoretical and applied issues in community ecology, with emphasis on terrestrial ecosystems. Major themes include food web ecology, local vs. regional determinants of community structure, species interactions in diverse assemblages, and the role of species in ecosystem functioning.

P: Subject to approval of the Head of School.

BIOL471-13W (C) Whole Year (S1 and S2)

BIOL 472 Freshwater Ecology

0.2500 EFTS

This course aims to give students an understanding of current issues in freshwater ecology with particular reference to ecological theory, and the application of

research to topical management and conservation issues in New Zealand.

P: Subject to approval of the Head of School.

BIOL472-13W (C) Whole Year (S1 and S2)

BIOL 473 Marine Biology

0.2500 EFTS

This course focuses on current issues in Marine Biology. It includes experimental approaches to marine ecology, estuarine biology, ecophysiology and marine pollution.

P: Subject to approval of the Head of School.

BIOL473-13W (C) Whole Year (S1 and S2)

BIOL 474 Conservation Biology

0.2500 EFTS

This course covers aspects of biology that are useful in applied conservation situations. In other words, what parts of science can help to preserve biodiversity? Topics covered include: what is rarity; extinction rates past and present; limiting factors in endangered species management; adaptive management using New Zealand birds as case studies; species concepts and conservation; genetics of threatened species; reserve design in theory and practice; conservation and climate change.

P: Subject to approval of the Head of School.

BIOL474-13W (C) Whole Year (S1 and S2)

BIOL 476 Coastal Marine Processes

0.2500 EFTS

A critical assessment of experimental design in marine ecology, ecological processes affecting the structure of nearshore communities, nearshore ecology particularly of rocky reefs, and connectivity of processes from oceanic to onshore.

P: Subject to approval of the Head of School.

BIOL476-13W (C) Whole Year (S1 and S2)

BIOL 478 Evolutionary Ecology

0.2500 EFTS

This course covers ecology and evolutionary biology with an emphasis on plants. Possible topics covered include plant/animal mutualisms (pollination and frugivory), plant pathogens, competition, biological control, invasion biology, life history strategies, breeding systems, speciation, hybridization and invasions, and genes in populations.

P: Subject to approval of the Head of School.

BIOL478-13W (C) Whole Year (S1 and S2)

BIOL 479 Global Change Biology

0.2500 EFTS

This course will address major issues concerning the impact of human activities on the Earth system. These will include the role of terrestrial and marine ecosystems in carbon and nutrient cycling, the impacts of past climate change on biota, the significance of biodiversity loss on ecosystem processes and strategies to mitigate climate change.

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

R: BIOL 403

BIOL479-13W (C) Whole Year (S1 and S2)

BIOL 490 Aquaculture

0.2500 EFTS

The aim of this course is to give a general overview of aquaculture including case studies of many species, impacts on the environment, water quality issues, stock improvement, stress and disease in cultured species. The course is aimed at Head of Schools who have an interest in the science of aquaculture and the interface of science with the industry of culturing marine and aquatic organisms for food.

P: Subject to approval of the Head of School.

BIOL490-13W (C) Whole Year (S1 and S2)**BIOL 491 Plant Developmental Biology and Biotechnology**

0.2500 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. Recent topics have included analysis of plant cell wall formation and development, including how cellulose is synthesised and organised; sugar signals, carbohydrate metabolism and developmental regulation in plants; the response of plants to wounding by chewing insects; phytoremediation.

P: Subject to approval of the Head of School.

BIOL491-13W (C) Whole Year (S1 and S2)**BIOL 492 Environmental Microbiology**

0.2500 EFTS

This course deals with aspects of microbiology of direct concern to humanity such as oil pollution, breakdown of GM plants in soils and cyanobacteria in aquatic systems.

P: Subject to approval of the Head of School.

BIOL492-13W (C) Whole Year (S1 and S2)**BIOL 493 Molecular Microbiology**

0.2500 EFTS

This course covers selected topics in microbial ecology, synthetic biology and in vitro evolution. The course is structured to have a large hands-on practical component covering topics in molecular and microscopy techniques in molecular microbiology.

P: Subject to approval of the Head of School.

BIOL493-13W (C) Whole Year (S1 and S2)*Limited entry. See limitation of entry regulations.***Biosecurity***School of Forestry***BIOS 201 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: BIOS 101

BIOS201-12SU2 (C)**Summer (Nov 12)****BIOS201-13S2 (C)****Semester 2****Biotechnology***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.

BIOT 480 Project

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 BIOL 401-493 (refer to degree schedule).

P: Subject to approval of Head of Department

BIOT480-13W (C) Whole Year (S1 and S2)**BIOT 690 MSc Thesis**

1.0000 EFTS

P: Subject to approval of the Head of School.

BIOT690-13A (C)**Starts Any time***Part-time enrolment (0.65 EFTS) is available on approval.***BIOT 790 Biotechnology PhD**

1.0000 EFTS

P: Subject to approval of the Head of School.

BIOT790-13A (C)**Starts Any time***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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Bridging Programmes*Student Services/International*

Note: Bridging Programmes courses are non-degree courses to assist students to develop the skills necessary for successful tertiary study.

BRDG 001 Core Academic Skills

60 Points

0.5000 EFTS

Core English language development and introduction to academic reading, writing, speaking, listening and tertiary study skills.

P: Subject to approval of the Programme Manager.

BRDG001-13B1 (C)**Bridging 1****BRDG001-13B2 (C)****Bridging 2****BRDG001-13B3 (C)****Bridging 3**

BRDG 002 Advanced English for Undergraduate Study

60 Points 0.5000 EFTS

Further development of all aspects of language necessary for undergraduate university life and academic study: research, presentations, teamwork, writing, reading, listening, speaking and study skills.

P: Subject to approval of the Programme Manager.

BRDG002-13B1 (C)	Bridging 1
BRDG002-13B2 (C)	Bridging 2
BRDG002-13B3 (C)	Bridging 3

BRDG 003 Advanced English for Postgraduate Study

60 Points 0.5000 EFTS

Further development of the reading, writing, speaking, listening, critical thinking and study skills necessary for postgraduate research and academic presentations.

P: Subject to approval of the Programme Manager.

BRDG003-13B1 (C)	Bridging 1
BRDG003-13B2 (C)	Bridging 2
BRDG003-13B3 (C)	Bridging 3

BRDG 004 English Language (Foundation Studies)

25 Points 0.2080 EFTS

The academic English language and computer skills necessary in university life, including language and vocabulary for academic study, summarising, academic writing, lecture skills, academic discussion, and using a computer for information handling, assignment production and communication.

P: Subject to approval of the Programme Manager.

R: FOUN 001, FOUN 040

BRDG004-13B1 (C)	Bridging 1
BRDG004-13B2 (C)	Bridging 2
BRDG004-13B3 (C)	Bridging 3

BRDG 005 Academic Communication and Study Skills (Foundation Studies)

15 Points 0.1250 EFTS

Academic reading, writing, speaking, listening and ICT skills used in the preparation of assignments and in examinations. The course covers the academic essay and report, lecture skills, tutorial discussion, seminar presentation and computer software applications.

P: Subject to approval of the Programme Manager.

R: FOUN 041

BRDG005-13B1 (C)	Bridging 1
BRDG005-13B2 (C)	Bridging 2
BRDG005-13B3 (C)	Bridging 3

BRDG 006 Academic Communication and Study Skills (CUP)

15 Points 0.1250 EFTS

This course focuses on communication and study skills necessary for undergraduate study.

P: Subject to approval of the Programme Manager.

R: PREP 001

BRDG006-13B1 (C)	Bridging 1
BRDG006-13B2 (C)	Bridging 2
BRDG006-13B3 (C)	Bridging 3

BRDG 007 Introduction to the Humanities and Social Sciences

20 Points 0.1667 EFTS

This course is an introduction for international students to university study in the Humanities and Social Sciences. Thematically organised and skills-driven, it will give students the opportunity to develop and practise the critical enquiry and critical thinking needed for successful study in 100-level Humanities and Social Science subjects.

P: Subject to approval of the Programme Manager.

R: FOUN 044

BRDG007-13B1 (C)	Bridging 1
BRDG007-13B2 (C)	Bridging 2
BRDG007-13B3 (C)	Bridging 3

BRDG 008 Texts and Culture: Reading, Viewing, Writing.

15 Points 0.1250 EFTS

This course is an introduction to study in the humanities, with a focus on literary studies, film studies and cultural studies.

P: Subject to approval of the Programme Manager.

R: PREP 002, PREP 013, PREP 033

BRDG008-13B1 (C)	Bridging 1
BRDG008-13B2 (C)	Bridging 2
BRDG008-13B3 (C)	Bridging 3

BRDG 010 History: Understanding the 1960s

15 Points 0.1250 EFTS

This course is an exploration of the 1960s and how and why it was such a dramatic decade in terms of social, cultural, political and economic change.

P: Subject to approval of the Programme Manager.

R: PREP 015

BRDG010-13B1 (C)	Bridging 1
BRDG010-13B2 (C)	Bridging 2

BRDG 011 Individuals in Society

15 Points 0.1250 EFTS

This course provides a background to the social science disciplines using a series of contemporary issues as a means for developing an understanding of what social scientists do and how they approach contemporary issues.

P: Subject to approval of the Programme Manager.

R: PREP 004

BRDG011-13B1 (C)	Bridging 1
BRDG011-13B2 (C)	Bridging 2
BRDG011-13B3 (C)	Bridging 3

BRDG 012 The Treaty of Waitangi

15 Points 0.1250 EFTS

This course examines Te Tiriti o Waitangi in both its historical and contemporary contexts.

P: Subject to approval of the Programme Manager.

R: PREP 006

BRDG012-13B1 (C) Bridging 1

BRDG012-13B2 (C) Bridging 2

BRDG012-13B3 (C) Bridging 3

BRDG 013 Pacific Peoples and Cultures

15 Points 0.1250 EFTS

This course examines a range of historical and contemporary understandings of the Pacific and the current issues for Pacific peoples with a primary focus on their experience of living in New Zealand.

P: Subject to approval of the Programme Manager.

R: PREP 007

BRDG013-13B1 (C) Bridging 1

BRDG013-13B2 (C) Bridging 2

BRDG013-13B3 (C) Bridging 3

BRDG 014 Teacher Education and Educational Studies

15 Points 0.1250 EFTS

The course gives students a basic understanding of children and how they learn, the New Zealand curriculum, strategies that teachers use to manage children's learning, and the roles and responsibilities of school/centre staff who work with children.

P: Subject to approval of the Programme Manager.

R: PREP 018

BRDG014-13B1 (C) Bridging 1

BRDG014-13B2 (C) Bridging 2

BRDG014-13B3 (C) Bridging 3

BRDG 016 Mathematics Part One

15 Points 0.1250 EFTS

This course provides students with a foundation in Algebra and Calculus necessary for the course Mathematics Part Two and then subsequent undergraduate study in Mathematics and Mathematics-rich subjects in Physical Sciences and Commerce.

P: Subject to approval of the Programme Manager.

R: BRDG 015, FOUN 046

BRDG016-13B1 (C) Bridging 1

BRDG016-13B2 (C) Bridging 2

BRDG016-13B3 (C) Bridging 3

BRDG 017 Mathematics Part Two

15 Points 0.1250 EFTS

This course provides students with a foundation in Algebra and Calculus necessary for subsequent undergraduate study

in Mathematics and Mathematics-rich subjects in Physical Sciences and Commerce.

P: FOUN 046, BRDG 016, or equivalent. Subject to approval of the Programme Manager.

R: FOUN 047

BRDG017-13B1 (C) Bridging 1

BRDG017-13B2 (C) Bridging 2

BRDG017-13B3 (C) Bridging 3

BRDG 018 Statistics: Data and Probability

15 Points 0.1250 EFTS

This course introduces students to statistics and probability, and meets the numeracy requirement for admission to undergraduate study.

P: Subject to approval of the Programme Manager.

R: FOUN 045

BRDG018-13B1 (C) Bridging 1

BRDG018-13B2 (C) Bridging 2

BRDG018-13B3 (C) Bridging 3

BRDG 019 Statistics: Probability Distributions and Inference

15 Points 0.1250 EFTS

The course provides a foundation in probability and statistical knowledge and skills necessary for subsequent undergraduate study in statistics and social sciences.

P: Subject to approval of the Programme Manager.

R: PREP 005

BRDG019-13B1 (C) Bridging 1

BRDG019-13B2 (C) Bridging 2

BRDG019-13B3 (C) Bridging 3

BRDG 020 Information and Communication Technology

15 Points 0.1250 EFTS

This course aims to develop information handling skills by use of a variety of software applications.

P: Subject to approval of the Programme Manager.

R: PREP 008

BRDG020-13B1 (C) Bridging 1

BRDG020-13B2 (C) Bridging 2

BRDG020-13B3 (C) Bridging 3

BRDG 021 The World of Science

20 Points 0.1667 EFTS

An introduction to the scope and methodology of the sciences, and to the attitudes, concepts and knowledge needed for tertiary study in Science, Medicine and Engineering.

P: Subject to approval of the Programme Manager.

R: FOUN 042

BRDG021-13B1 (C) Bridging 1

BRDG021-13B2 (C) Bridging 2

BRDG021-13B3 (C) Bridging 3

BRDG 022 Chemistry (Foundation Studies)

15 Points 0.1250 EFTS

The course provides students from non-English speaking backgrounds with the knowledge, skills and language

necessary for success in subsequent undergraduate studies in Chemistry. It gives experiences in theoretical and practical Chemistry, develops practical and reporting skills, and develops students' ability to think scientifically.

P: Subject to approval of the Programme Manager.

R: FOUN 062

BRDG022-13B1 (C)	Bridging 1
BRDG022-13B2 (C)	Bridging 2
BRDG022-13B3 (C)	Bridging 3

BRDG 023 Chemistry (CUP)

15 Points 0.1250 EFTS

This course provides the knowledge and skills required for undergraduate study in Chemistry.

P: Subject to approval of the Programme Manager.

R: PREP 010

BRDG023-13B1 (C)	Bridging 1
BRDG023-13B2 (C)	Bridging 2
BRDG023-13B3 (C)	Bridging 3

BRDG 024 Physics

15 Points 0.1250 EFTS

The course prepares students for 100-level Physical Science courses. The course provides experiences 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.

P: Subject to approval of the Programme Manager. Students enrolling in this course need a high level of ability in Mathematics.

C: BRDG 017 or P: FOUN 047 or equivalent

R: FOUN 060

BRDG024-13B1 (C)	Bridging 1
BRDG024-13B2 (C)	Bridging 2
BRDG024-13B3 (C)	Bridging 3

BRDG 025 Biology

15 Points 0.1250 EFTS

This course provides the knowledge and skills required for undergraduate study in Biology.

P: Subject to approval of the Programme Manager.

R: FOUN 063, PREP 011

BRDG025-13B1 (C)	Bridging 1
BRDG025-13B2 (C)	Bridging 2
BRDG025-13B3 (C)	Bridging 3

BRDG 026 Environmental Science

15 Points 0.1250 EFTS

This course supports all students wishing to increase their awareness and understanding of critical environmental issues. We offer an interdisciplinary, field based programme that brings lectures and labs to life through a practical, hands-on approach to learning. The course incorporates

Matauranga Māori and assists students in a smooth academic progression into undergraduate studies.

P: Subject to approval of the Programme Manager.

R: PREP 014

BRDG026-13B1 (C)	Bridging 1
BRDG026-13B2 (C)	Bridging 2
BRDG026-13B3 (C)	Bridging 3

BRDG 027 The World of Business

20 Points 0.1667 EFTS

This is an introductory course for international students to understand the scope and context of Western business. It prepares them for follow-on courses in Accounting, Economics, or Management and Marketing, and teaches essential concepts and knowledge required for ongoing studies in Commerce.

P: Subject to approval of the Programme Manager

R: FOUN 043

BRDG027-13B1 (C)	Bridging 1
BRDG027-13B2 (C)	Bridging 2
BRDG027-13B3 (C)	Bridging 3

BRDG 028 Accounting

15 Points 0.1250 EFTS

This course provides students with the specialised language and techniques necessary for subsequent undergraduate studies in Accountancy. The course ensures that students have an understanding of the double-entry system of accounting, and introduces students to the concepts underlying accounting systems used today.

P: Subject to approval of the Programme Manager.

R: FOUN 064

BRDG028-13B1 (C)	Bridging 1
BRDG028-13B2 (C)	Bridging 2
BRDG028-13B3 (C)	Bridging 3

BRDG 029 Economics

15 Points 0.1250 EFTS

Not offered in 2013

This course provides students with the specialised language and techniques necessary for subsequent undergraduate studies in Economics and Management. The course provides students with the skills to carry out simple economic analysis, and develops students' ability in economic reasoning.

P: Subject to approval of the Programme Manager.

R: FOUN 065, PREP 012

BRDG 030 Strategic Management and Marketing

15 Points 0.1250 EFTS

The course introduces students to key concepts of strategic management and marketing. Topics cover the role of strategy formulation, identification and analysis of an organisation's resources and capabilities, and appraisal of alternative strategies for growth.

P: Subject to approval of the Programme Manager.

R: FOUN 068

BRDG030-13B1 (C)	Bridging 1
BRDG030-13B2 (C)	Bridging 2
BRDG030-13B3 (C)	Bridging 3

BRDG 031 Invitation to Law

15 Points 0.1250 EFTS

The course provides students with an introduction to legal materials and to the institutional and social context of the New Zealand legal system.

P: Subject to approval of the Programme Manager.

R: PREP 016

BRDG031-13SU1 (C) Summer (Jan 13)**BRDG031-13B3 (C) Bridging 3****BRDG 032 Special Topic**

15 Points 0.1250 EFTS

P: Subject to approval of the Programme Manager.

BRDG032-13S1 (C) Semester 1**BRDG032-13S2 (C) Semester 2****BRDG 033 Special Topic**

30 Points 0.2500 EFTS

P: Subject to approval of the Programme Manager.

BRDG033-13W (C) Whole Year (S1 and S2)**BRDG 034 Special Topic: The Humanities: Texts, Culture and History**

15 Points 0.1250 EFTS

P: Subject to approval of the Programme Manager.

R: BRDG 008; BRDG 010

BRDG034-13B1 (C) Bridging 1**BRDG034-13B2 (C) Bridging 2****BRDG034-13B3 (C) Bridging 3****BRDG 035 Special Topic: Indigenous and Pacific Studies**

15 Points 0.1250 EFTS

P: Subject to approval of the Programme Manager.

R: BRDG 012 and BRDG 013

BRDG035-13B1 (C) Bridging 1**BRDG035-13B2 (C) Bridging 2****BRDG035-13B3 (C) Bridging 3****BRDG 041 Core Academic Skills for Undergraduate Study**

60 Points 0.5000 EFTS

Core English language development and introduction to academic reading, writing, speaking, listening and tertiary study skills.

P: Subject to approval of the Programme Manager.

BRDG041-13B1 (C) Bridging 1**BRDG041-13B2 (C) Bridging 2****BRDG041-13B3 (C) Bridging 3****BRDG 042 Advanced Academic Skills for Postgraduate Study**

60 Points 0.5000 EFTS

Further development of the reading, writing, speaking, listening, critical thinking and study skills necessary for postgraduate research and academic presentations

P: Subject to approval of the Programme Manager.

BRDG042-13B1 (C) Bridging 1**BRDG042-13B2 (C) Bridging 2****BRDG042-13B3 (C) Bridging 3**

492 2013 Calendar

Business Administration

Master in Business Administration 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.

MBAD 601 Managerial Accounting

0.0830 EFTS

P: Subject to approval of the Head of Department.

MBAD601-13M2 (C) MBA 2

Special MBA fee also applies.

MBAD 603 Management of Information Systems and Technology

0.0830 EFTS

P: Subject to approval of the Head of Department.

MBAD603-13M4 (C) MBA 4

Special MBA fee also applies.

MBAD 604 Business Economics

0.0830 EFTS

P: Subject to approval of the Head of Department.

MBAD604-13M3 (C) MBA 3

Special MBA fee also applies.

MBAD 605 Managing People and Performance

0.0830 EFTS

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.

MBAD605-13X (C) 15 Apr 2013 - 19 May 2013**MBAD605-13M3 (C) MBA 3**

Special MBA fee also applies.

MBAD 606 Marketing Principles

0.0830 EFTS

P: Subject to approval of the Head of Department.

MBAD606-13M2 (C) MBA 2

Special MBA fee also applies.

MBAD 611 Managerial Finance

0.0830 EFTS

P: Subject to approval of the Head of Department.

MBAD611-13M3 (C) MBA 3

Special MBA fee also applies.

MBAD 612 Operations Management

0.0830 EFTS

P: Subject to approval of the Head of Department.

MBAD612-13M1 (C) **MBA 1***Special MBA fee also applies.***MBAD 615 Leading Ourselves**

0.0830 EFTS

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 Head of Department.

MBAD615-13M2 (C) **MBA 2****MBAD615-13X (C)** **08 July 2013 - 11 Aug 2013***Special MBA fee also applies.***MBAD 616 Market Research**

0.0830 EFTS

P: Subject to approval of the Head of Department.

MBAD 606

MBAD616-13M4 (C) **MBA 4***Special MBA fee also applies.***MBAD 631 Innovative Business Strategy**

0.0830 EFTS

P: Subject to approval of the Head of Department.

MBAD631-13M3 (C) **MBA 3***Special MBA fee also applies.***MBAD 632 Strategy and International Business**

0.0830 EFTS

P: Subject to approval of the Head of Department.

MBAD632-13M1 (C) **MBA 1***Special MBA fee also applies.***MBAD 641 Human Resource Management II**

0.0830 EFTS

P: Subject to approval of the Head of Department.

MBAD641-13M4 (C) **MBA 4***Special MBA fee also applies.***MBAD 642 Leading Others**

0.0830 EFTS

Leading Others introduces cutting edge theory and practice and describes critical task and skill requirements. Particular emphasis is placed on the task and skill requirements of "positive leadership" an emerging leadership approach that research has associated with "extraordinary organisational performance". The course also looks at the personal foundations required to apply the practices of positive

leadership and places a particular emphasis on balance, sustainability and positive psychology.

P: Subject to approval of the Head of Department.

MBAD642-13M1 (C) **MBA 1****MBAD642-13X (C)** **22 Apr 2013 - 26 May 2013***Special MBA fee also applies.***MBAD 643 Leading Change**

0.0830 EFTS

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 Head of Department.

MBAD643-13M2 (C) **MBA 2****MBAD643-13X (C)** **16 Sep 2013 - 20 Oct 2013***Special MBA fee also applies.***MBAD 644 Interpersonal Skills for Leaders**

0.0830 EFTS

P: Subject to approval of the Head of Department.

MBAD644-13M4 (C) **MBA 4***Special MBA fee also applies.***MBAD 645 Special Topic**

0.0830 EFTS

P: Subject to approval of the Head of Department.

MBAD645-13M4 (C) **MBA 4***Special MBA fee also applies.***MBAD 646 Strategic Marketing**

0.0830 EFTS

P: Subject to approval of the Head of Department.

MBAD646-13M4 (C) **MBA 4***Special MBA fee also applies.***MBAD 647 Marketing Research**

0.0830 EFTS

P: Subject to approval of the Head of Department.

MBAD647-13M4 (C) **MBA 4***Special MBA fee also applies.***MBAD 648 International Marketing**

0.0830 EFTS

Special MBA fee also applies.

P: Subject to approval of the Head of Department.

MBAD648-13M4 (C) **MBA 4***Special MBA fee also applies.*

MBAD 649 Services Marketing

0.0830 EFTS

P: Subject to approval of the Head of Department.

MBAD649-13M4 (C) MBA 4

Special MBA fee also applies.

MBAD 650 Advanced Manufacturing Management

0.0830 EFTS

P: Subject to approval of the Head of Department.

MBAD650-13M4 (C) MBA 4

Special MBA fee also applies.

MBAD 651 Managing Quality

0.0830 EFTS

P: Subject to approval of the Head of Department.

MBAD651-13M4 (C) MBA 4

Special MBA fee also applies.

MBAD 652 Project Management

0.0830 EFTS

P: Subject to approval by MBA Director.

MBAD652-13M4 (C) MBA 4

Special MBA fee also applies.

MBAD 654 Entrepreneurship and Small Business

0.0830 EFTS

P: Subject to approval of the Head of Department.

MBAD654-13M4 (C) MBA 4

Special MBA fee also applies.

MBAD 655 Brand Management

0.0830 EFTS

P: Subject to approval by MBA Director.

MBAD655-13M4 (C) MBA 4

Special MBA fee also applies.

MBAD 656 Strategic Information Systems

0.0830 EFTS

P: Subject to approval of the Head of Department.

MBAD656-13M4 (C) MBA 4

Special MBA fee also applies.

MBAD 657 Contemporary Issues

0.0830 EFTS

P: Subject to approval of the Head of Department.

MBAD657-13M4 (C) MBA 4

Special MBA fee also applies.

MBAD 658 Business Law

0.0830 EFTS

P: Subject to approval of the Head of Department.

MBAD658-13M4 (C) MBA 4

Special MBA fee also applies.

MBAD 659 Corporate Finance

0.0830 EFTS

P: Subject to approval of the Head of Department.

MBAD659-13M4 (C) MBA 4

Special MBA fee also applies.

MBAD 660 Business Ethics and Responsibility

0.0830 EFTS

P: Subject to approval of the Head of Department.

MBAD660-13M4 (C) MBA 4

Special MBA fee also applies.

MBAD 661 Corporate Governance

0.0830 EFTS

Special MBA fee also applies.

P: Subject to approval by MBA Director.

MBAD661-13M4 (C) MBA 4

Special MBA fee also applies.

MBAD 662 Special Topic: Investment and Portfolio Management

0.0830 EFTS

P: Subject to approval of the Head of Department.

MBAD662-13M4 (C) MBA 4

Special MBA fee also applies.

MBAD 663 Special Topic: Sustainable Enterprises

0.0830 EFTS

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 Head of Department.

MBAD663-13M1 (C) MBA 1

MBAD663-13S1 (C) Semester 1

MBAD663-13X (C) 01 July 2013 - 04 Aug 2013

Special MBA fee also applies.

MBAD 664 Special Topic

0.0830 EFTS

Not offered in 2013

Special MBA fee also applies.

P: Subject to approval of the Head of Department.

Special MBA fee also applies.

MBAD 665 Special Topic: Creative Leadership

0.0830 EFTS

Special MBA fee also applies.

P: Subject to approval of the Head of Department.

MBAD665-13M4 (C) MBA 4

Special MBA fee also applies.

MBAD 666 Special Topic - Innovation and Business Strategy

0.0830 EFTS

To provide participants with an understanding of innovation and the knowledge and skills to develop and commercialise innovative products or services as well as the relationship between innovation and organisational strategy.

P: Subject to approval of the Head of Department.

MBAD666-13M4 (C) MBA 4**MBAD666-13X (C) 16 Sep 2013 - 20 Oct 2013**

Special MBA fee also applies.

MBAD 667 Special Topic

0.0830 EFTS

P: Subject to approval of the Head of Department.

MBAD667-13M4 (C) MBA 4

Special MBA fee also applies.

MBAD 668 Special Topic

0.0830 EFTS

P: Subject to approval of the Head of Department.

MBAD668-13M4 (C) MBA 4

Special MBA fee also applies.

MBAD 669 Special Topic

0.0830 EFTS

Not offered in 2013

P: Subject to approval of the Head of Department.

Special MBA fee also applies.

MBAD 671 Special Topic

0.0830 EFTS

P: Subject to approval of the Head of Department.

MBAD671-13M4 (C) MBA 4

Special MBA fee also applies.

MBAD 672 Special Topic

0.0830 EFTS

P: Subject to approval of the Head of Department.

MBAD672-13M4 (C) MBA 4

Special MBA fee also applies.

MBAD 673 Special Topic

0.0830 EFTS

Not offered in 2013

P: Subject to approval of the Head of Department.

Special MBA fee also applies.

MBAD 674 Special Topic

0.0830 EFTS

P: Subject to approval of the Head of Department.

MBAD674-13M3 (C) MBA 3

Special MBA fee also applies.

MBAD 675 Special Topic

0.0830 EFTS

P: Subject to approval of the Head of Department.

MBAD675-13M4 (C) MBA 4

Special MBA fee also applies.

MBAD 677 Special Topic

0.0830 EFTS

P: Subject to approval of the Head of Department.

MBAD677-13M4 (C) MBA 4

Special MBA fee also applies.

MBAD 678 Special Topic

0.0830 EFTS

P: Subject to approval of the Head of Department.

MBAD678-13M4 (C) MBA 4

Special MBA fee also applies.

MBAD 679 Special Topic: Business Research Methods

0.0830 EFTS

P: Subject to approval of the Head of Department.

MBAD679-13M4 (C) MBA 4

Special MBA fee also applies.

MBAD 680 MBA Project (6 courses)

0.5000 EFTS

P: Subject to approval of the Head of Department.

MBAD680-13A (C) Starts Any time

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.

Cellular and Molecular Biology

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.

CEMB 480 Research Project

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 CHead of Schoolen from BIOL430-432, BIOL434, BIOL437, BIOL491.

P: Subject to approval of the Head of School.

EQ: CEMB 473

CEMB480-13W (C) Whole Year (S1 and S2)

CEMB 690 MSc Thesis

1.0000 EFTS

P: Subject to approval of the Head of School.

CEMB690-13A (C) Starts Any time*Part-time enrolment (0.65 EFTS) is available on approval.***CEMB 790 Cellular and Molecular Biology PhD**

1.0000 EFTS

P: Subject to approval of the Head of School.

CEMB790-13A (C) Starts Any time*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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Chemical and Process Engineering

*Department of Chemical and Process Engineering***ENCH 241 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.

ENCH241-13S1 (C) Semester 1**ENCH 281 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

ENCH281-13S2 (C) Semester 2**ENCH 291 Chemical Process Technology**

15 Points 0.1250 EFTS

Mass and energy balance calculations, an introduction to chemical and process thermodynamics.

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

ENCH291-13S2 (C) Semester 2**ENCH 292 Transfer Operations and Thermodynamics**

15 Points 0.1250 EFTS

An introduction to heat-transfer and mass-transfer operations, further topics in chemical and process thermodynamics.

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

ENCH292-13S2 (C) Semester 2**ENCH 293 Fluid Mechanics 1**

15 Points 0.1250 EFTS

Units, dimensional analysis, measurement, errors, report writing, fluid mechanics.

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

ENCH293-13S1 (C) Semester 1**ENCH 294 Process Engineering Design 1**

15 Points 0.1250 EFTS

The course introduces drawing standards, projection theory, computer aided drawing and provides a basic understanding of engineering components and process safety.

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

ENCH294-13S1 (C) Semester 1**ENCH 390 Process Analysis**

15 Points 0.1250 EFTS

Methods for the quantitative analysis of chemical processes.

P: ENCH 291

ENCH390-13S1 (C) Semester 1**ENCH 391 Process Systems and Control**

15 Points 0.1250 EFTS

An introduction to process dynamics and process control technology.

P: EMTH 210, EMTH 271

R: ENCH 450

ENCH391-13S2 (C) Semester 2**ENCH 392 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, heterogeneous reactions and catalysis, mixing and non-ideal flow in reactors.

P: ENCH 292, ENCH 241

R: ENCH 351, ENCH 352

ENCH392-13S2 (C) Semester 2**ENCH 393 Fluid Mechanics and Heat Transfer**

15 Points 0.1250 EFTS

Advanced fluid mechanics, particle technology, transient conduction and radiation.

P: ENCH 292, ENCH 293

R: ENCH 353, ENCH 354

ENCH393-13S1 (C) Semester 1

ENCH 394 Process Engineering Design 2

15 Points 0.1250 EFTS

Process engineering design projects, risk reduction techniques, heat exchanger design, an introduction to materials science and material and energy balance software.

P: ENCH 294

R: ENCH 363

ENCH394-1351 (C) Semester 1**ENCH 395 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: ENCH 292

R: ENCH 371

ENCH395-1352 (C) Semester 2**ENCH 396 Chemical Engineering Separations 1**

15 Points 0.1250 EFTS

Chemical engineering separation operations including distillation, evaporation, humidification/dehumidification, drying, gas absorption, filtration, centrifugation and crystallisation.

P: ENCH 292

R: ENCH 360

ENCH396-1352 (C) Semester 2**ENCH 475 Independent Course of Study**

15 Points 0.1250 EFTS

P: Subject to approval of the Head of Department.

ENCH475-1351 (C) Semester 1**ENCH475-13W (C) Whole Year (S1 and S2)****ENCH475-1352 (C) Semester 2***Limited entry. See limitation of entry regulations.***ENCH 482 Bioprocess Engineering 2**

15 Points 0.1250 EFTS

Bioreactor design and operation including bacteria, yeast and tissue culture, formulation, bioseparations.

P: ENGR 407 or ENCH 323

R: ENCH 480

ENCH482-1351 (C) Semester 1**ENCH 486 Special Topic in Chemical and Process Engineering**

15 Points 0.1250 EFTS

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

ENCH486-1351 (C) Semester 1**ENCH 487 Special Topic in Chemical and Process Engineering**

15 Points 0.1250 EFTS

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

ENCH487-1351 (C) Semester 1**ENCH 491 Advanced Process Control and Simulation**

15 Points 0.1250 EFTS

Advanced methods in process control and process modelling and simulation.

P: ENCH 391

R: ENCH 451

ENCH491-1351 (C) Semester 1**ENCH 492 Advanced Reaction Engineering**

15 Points 0.1250 EFTS

Advanced chemical reaction engineering including non-ideal reactors, multi-step / multiple pathway reactions, enzymatic processes, heterogeneous catalysis, catalyst deactivation and poisoning, equilibrium adsorption of gases on solids, surface processes. Electrochemical reaction engineering including thermodynamics, kinetics and reactor design.

P: ENCH 392 or ENCH 351

ENCH492-1351 (C) Semester 1**ENCH 494 Process Engineering Design 3**

30 Points 0.2500 EFTS

Process plant design projects.

P: a pass in all Second Professional Year courses, ENCH 497

R: ENCH 463

ENCH494-1352 (C) Semester 2**ENCH 495 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: ENCH 395 or ENCH 371

R: ENCH 471, ENCH 472, ENCH 473

ENCH495-125U2 (C) Summer (Nov 12)**ENCH 496 Advanced Separations**

15 Points 0.1250 EFTS

Advanced topics in separation methods including: selection of separation methods, membrane separations, pervaporation, ion exchange, adsorption, multi-component distillation, and liquid-liquid extraction.

P: ENCH 396

ENCH496-1351 (C) Semester 1**ENCH 497 Process Management**

15 Points 0.1250 EFTS

Engineering economics, project management, professional report writing, project research methods, and safety in process industry.

C: ENCH 496 from 2012.

R: ENCH 460

ENCH497-1351 (C) Semester 1

ENGR 404 Renewable Energy Technologies and Management

15 Points 0.1250 EFTS
Renewable energy technologies including: Energy in the New Zealand context, renewable energy resource management, principles of advanced energy technologies such as photovoltaic's and fuel cells, and the importance of advanced materials in energy technologies.

P: Subject to approval of the Director of Studies.

R: ENCH 422

ENGR404-13S1 (C) Semester 1

ENGR 405 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 pollution control, air pollution, and contaminated groundwater remediation, as well as to expose the student to other less frequent pollution sources, such as noise pollution.

P: Subject to approval of the Director of Studies.

R: ENCH 421

ENGR405-13S1 (C) Semester 1

ENGR 406 Wood and Engineered Wood Products Processing

15 Points 0.1250 EFTS
Introduction to wood processing industry; fundamentals on wood physics, structure and chemistry; processing of solid wood (timber) and engineered wood products as well as forestry contribution to low carbon renewable energy

P: Subject to approval of the Director of Studies.

R: ENCH 427 and ENCH 429

ENGR406-13S1 (C) Semester 1

ENGR 407 Bioprocess Engineering 1

15 Points 0.1250 EFTS
Engineering biochemistry covering enzyme kinetics, metabolism and applied molecular biology.

P: ENCH 281 or subject to approval of the Director of Studies.

R: ENCH 323

ENGR407-13S1 (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.

ENCH 602 Computational Fluid Dynamics

0.1250 EFTS
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: ENCH 401, ENGR 401

ENCH602-13S1 (C) Semester 1

ENCH 603 Physical, Chemical and Analytical Techniques

0.1250 EFTS
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.

ENCH603-13S2 (C) Semester 2

ENCH 606 Advanced Process Simulation

0.1250 EFTS
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.

ENCH606-13S1 (C) Semester 1

ENCH 607 Modelling and Numerical Methods

0.1250 EFTS
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.

ENCH607-13S1 (C) Semester 1

ENCH 611 Special Topic in Chemical and Process Engineering

0.1250 EFTS

P: Subject to approval of the Head of Department.

ENCH611-13S1 (C) Semester 1

ENCH611-13S2 (C) Semester 2

ENCH 612 Special Topic in Chemical and Process Engineering

0.1250 EFTS

P: Subject to approval of the Head of Department.

ENCH612-13S1 (C) Semester 1

ENCH612-13S2 (C) Semester 2

ENCH 613 Special Topic in Chemical and Process Engineering

0.1250 EFTS

P: Subject to approval of the Head of Department.

ENCH613-13S1 (C) Semester 1

ENCH613-13S2 (C) Semester 2

ENCH 614 Special Topic in Chemical and Process Engineering

0.1250 EFTS

P: Subject to approval of the Head of Department.

ENCH614-13S1 (C) Semester 1

ENCH614-13S2 (C) Semester 2

ENCH 615 Special Topic in Chemical and Process Engineering

0.1250 EFTS

P: Subject to approval of the Head of Department.

ENCH615-13S1 (C) Semester 1**ENCH615-13S2 (C)** Semester 2**ENCH 616 Special Topic in Chemical and Process Engineering**

0.1250 EFTS

P: Subject to approval of the Head of Department.

ENCH616-13S1 (C) Semester 1**ENCH616-13S2 (C)** Semester 2**ENCH 682 Special Topic in Chemical and Process Engineering - Project**

0.2500 EFTS

P: Subject to approval of the Head of Department.

ENCH682-13S1 (C) Semester 1**ENCH682-13W (C)** Whole Year (S1 and S2)**ENCH682-13S2 (C)** Semester 2**ENCH 690 Chemical and Process Engineering M.E. Thesis**

1.0000 EFTS

P: Subject to approval of the Head of Department.

ENCH690-13A (C) Starts Any time*Part-time enrolment (0.65 EFTS) is available on approval.***ENCH 790 Chemical and Process Engineering PhD**

1.0000 EFTS

P: Subject to approval of the Head of Department.

ENCH790-13A (C) Starts Any time*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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Chemistry

Department of Chemistry

Note: Timetable information for Chemistry courses will be available at www.canterbury.ac.nz/courses from 1 February 2010.

CHEM 111 Chemical Principles and Processes

15 Points 0.1250 EFTS

Atoms, molecules and the chemical bond; chemistry of the atmosphere; introduction to physical chemistry;

thermodynamics; kinetics; aqueous chemistry; chemical equilibria; electrochemistry.

P: At least 9 NCEA level 3 credits in Chemistry, or CHEM 114, or equivalent preparation approved by Head of Department, Chemistry.

R: CHEM 113, CHEM 121

EQ: CHEM 113, CHEM 121

CHEM111-13S1 (C) Semester 1**CHEM111-13S2 (C)** Semester 2**CHEM 112 Structure and Reactivity**

15 Points 0.1250 EFTS

Structural methods; separation methods; organic reactions and synthesis; stereoisomerism; reaction mechanisms; naturally occurring organic compounds; non-metallic elements; transition metal chemistry.

P: At least 9 NCEA level 3 credits in Chemistry, or CHEM 114, or equivalent preparation approved by Head of Department, Chemistry.

R: CHEM 115

CHEM112-13S2 (C) Semester 2**CHEM 114 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.

P: Nine (9) credits and above of NCEA Level 3 Chemistry or equivalent study

CHEM114-13S1 (C) Semester 1**CHEM 211 Molecules**

15 Points 0.1250 EFTS

Atoms and covalent molecules; periodicity and trends: the modern periodic table; analytical chemistry.

P: CHEM 111

R: CHEM 231, CHEM 233, CHEM 221, CHEM 223, CHEM 261, CHEM 263

CHEM211-13S1 (C) Semester 1**CHEM 212 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: CHEM 112

R: BCHM 205, BCHM 212, CHEM 232, ENCH 241

EQ: BCHM 212

CHEM212-13S1 (C) Semester 1

CHEM 241 Inorganic Chemistry

15 Points 0.1250 EFTS

Transition metal chemistry; symmetry of molecules; introduction to organometallic chemistry; medicinal inorganic chemistry.

P: CHEM 211 or CHEM 231

CHEM241-13S2 (C) Semester 2**CHEM 242 Organic Chemistry**

15 Points 0.1250 EFTS

Reaction mechanisms; synthesis and biosynthesis of organic compounds.

P: CHEM 212 or CHEM 232 or BCHM 212 or BCHM 205 or ENCH 241

R: BCHM 206

EQ: BCHM 206

CHEM242-13S2 (C) Semester 2**CHEM 243 Molecules and Reactions**

15 Points 0.1250 EFTS

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

P: CHEM 111, recommended preparation CHEM 211.

RP: CHEM 211

CHEM243-13S2 (C) Semester 2**CHEM 244 Applied Analytical Chemistry for Environmental Sciences**

15 Points 0.1250 EFTS

Modern analytical techniques, the chemistry behind them, and how they can be applied to solve chemical problems. Practical analytical chemistry, spectroscopy, data analysis. This course is designed for students completing an Environmental Health major for the BHSc. It cannot be credited to a BCHM or CHEM major.

P: CHEM 111.

R: CHEM 211, CHEM 281, BCHM 281

RP: CHEM 112

CHEM244-13S1 (C) Semester 1**CHEM 281 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: CHEM 111 or CHEM 112

R: BCHM 281

CHEM281-13S1 (C) Semester 1**CHEM281-13S2 (C) Semester 2****CHEM 282 Measurement and Analysis**

11 Points 0.0917 EFTS

Not offered in 2013

Experimental skills and laboratory instrumentation; numerical and statistical manipulation of data; theory and instrumentation for chemical measurements; environmental analysis.

P: (1) CHEM 111 or CHEM 113 or CHEM 121; or (2) CHEM 114 and CHEM 115.

R: ENCH 241

CHEM 321 Advanced Inorganic Chemistry: From Structure to Function

30 Points 0.2500 EFTS

The importance of metals in biochemical and industrial processes. The structure, bonding and chemistry of organometallic complexes and clusters. Homogenous and heterogeneous catalysis. Symmetry and structure. X-ray diffraction. Inorganic stereochemistry and reaction mechanisms.

P: CHEM 211 or CHEM 231 and either CHEM 241 or CHEM 271.

R: CHEM 361, ENCH 441

RP: CHEM 212 or BCHM 212

CHEM321-13W (C) Whole Year (S1 and S2)**CHEM 322 Organic Chemistry**

30 Points 0.2500 EFTS

The design of organic synthesis using disconnection analysis. Organic reaction mechanisms. Other topics might include organic photochemistry, heterocyclic chemistry, and the relationship between conformation and reactivity in organic compounds.

P: 22 points from BCHM 205, BCHM 206, BCHM 212, CHEM 212, CHEM 232, CHEM 242, CHEM 272, ENCH 241.

R: CHEM 362, ENCH 442

CHEM322-13W (C) Whole Year (S1 and S2)**CHEM 324 Analytical and Environmental Chemistry**

30 Points 0.2500 EFTS

A critical approach to the fundamentals and use of a wide range of instrumental analytical techniques. Their application in problem-solving, with emphasis on environmental systems. Speciation analysis and modelling. Analysis of trace organics and atmospheric components. Metals in aquatic systems: complexation, absorption and redox processes.

P: (1) CHEM 233 or CHEM 211 and either CHEM 243 or CHEM 273; or (2) CHEM 211 and either CHEM 281 or BCHM 281; or (3) CHEM 224 or CHEM 244

R: ENCH 444

CHEM324-13W (C) Whole Year (S1 and S2)**CHEM 325 Biological Chemistry**

30 Points 0.2500 EFTS

Chemical aspects of biosynthetic pathways. Enzyme and co-enzyme modelling. Food chemistry, bio-inorganic chemistry, bio-physical chemistry.

P: Either (1) 22 points from BCHM 205 or BCHM 206 or BCHM 212 or CHEM 212 or CHEM 222 or CHEM 232 or

CHEM 242 or CHEM 262 or CHEM 272 or ENCH 241; or (2) BCHM 201 and either BCHM 205 or BCHM 212 or CHEM 212 or CHEM 232 or ENCH 241; or (3) BCHM 221 and BCHM 222 and either BCHM 205 or BCHM 212 or CHEM 212 or CHEM 232 or ENCH 241.

R: BCHM 302, ENCH 445

EQ: BCHM 302

CHEM325-13W (C) Whole Year (S1 and S2)

CHEM 327 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.

CHEM327-13S1 (C) Semester 1

CHEM327-13S2 (C) Semester 2

CHEM 328 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.

CHEM328-13S1 (C) Semester 1

CHEM328-13S2 (C) Semester 2

CHEM 333 Materials and Interactions

15 Points 0.1250 EFTS

Intermolecular interactions, materials and surfaces; polymer chemistry; and dynamic electrochemistry.

P: CHEM 233 or CHEM 211 and either CHEM 243 or CHEM 273

C: Any single missing prerequisite may be taken as a corequisite with the permission of the Head of Department.

R: ENCH 443, ENCH 446

CHEM333-13S1 (C) Semester 1

CHEM 343 Advances in Chemical Technology

15 Points 0.1250 EFTS

Four topics will be offered from the following list: foundations of nanotechnology; lasers and photochemistry; molecular design; catalysis; liquids and solutions; atmospheric chemistry.

P: CHEM 233 or CHEM 211 and either CHEM 243 or CHEM 273

C: Any single missing prerequisite may be taken as a corequisite with the permission of the Head of Department.

R: ENCH 443, ENCH 446

CHEM343-13S2 (C) Semester 2

CHEM 381 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

CHEM381-13S1 (C) Semester 1

CHEM 382 Instrumental Methods

15 Points 0.1250 EFTS

Experience with advanced laboratory instrumentation; control of instrumental functions; applications of modern instrumental techniques to problems in fundamental and analytical chemistry.

P: CHEM 282 or CHEM 281 (if taken after 2010)

CHEM382-13S2 (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.

CHEM 413 Special Topic

0.1250 EFTS

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

CHEM413-13W (C) Whole Year (S1 and S2)

CHEM 414 Special Topic

0.1250 EFTS

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

CHEM414-13W (C) Whole Year (S1 and S2)

CHEM 415 Special Topic

0.1250 EFTS

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

CHEM415-13W (C) Whole Year (S1 and S2)

CHEM 416 Special Topic: Independent Course of Study

0.1250 EFTS

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

CHEM416-13W (C) Whole Year (S1 and S2)

CHEM 421 Advanced Topics in Chemistry I

0.2500 EFTS

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 the Head of School.

Honours students concurrently enrolled in the CHEM 480 Research Project paper (or a Chemistry Department based BCHM 480 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.

CHEM421-13W (C) Whole Year (S1 and S2)

CHEM 422 Advanced Topics in Chemistry II 0.2500 EFTS

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.

CHEM422-13W (C) Whole Year (S1 and S2)

CHEM 423 Advanced Topics in Chemistry III 0.2500 EFTS

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.

CHEM423-13W (C) Whole Year (S1 and S2)

CHEM 424 Advanced topics in chemistry IV 0.2500 EFTS

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.

CHEM424-13W (C) Whole Year (S1 and S2)

CHEM 468 Special Topic 0.2500 EFTS

Not offered in 2013

P: Subject to approval of the Head of Department.

CHEM 469 Special Topic 0.2500 EFTS

Not offered in 2013

P: Subject to approval of the Head of Department.

CHEM 470 Special Topic 0.2500 EFTS

Not offered in 2013

P: Subject to approval of the Head of Department.

CHEM 471 Special Topic 0.2500 EFTS

Not offered in 2013

P: Subject to approval of the Head of Department.

CHEM 472 Special Topic 0.2500 EFTS

Not offered in 2013

P: Subject to approval of the Head of Department.

CHEM 473 Special Topic 0.2500 EFTS

P: Subject to approval of the Head of Department.

CHEM473-13W (C) Whole Year (S1 and S2)

CHEM473-13S1 (C) Semester 1

CHEM473-13S2 (C) Semester 2

CHEM 474 Special Topic 0.2500 EFTS

P: Subject to approval of the Head of Department.

CHEM474-13W (C) Whole Year (S1 and S2)

CHEM474-13S1 (C) Semester 1

CHEM474-13S2 (C) Semester 2

CHEM 480 Research Project 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 CHEM 480 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 CHEM 480 Research Project provides excellent preparation for students intending to enrol in further postgraduate research. Students enrolling in this

course must also enrol in course CHEM 421 Advanced Topics in Chemistry 1.

P: Subject to approval of the Head of Department.

CHEM480-13S1 (C)	Semester 1
CHEM480-13W (C)	Whole Year (S1 and S2)
CHEM480-13S2 (C)	Semester 2

CHEM 690 MSc Thesis

1.0000 EFTS

P: Subject to approval of the Head of Department.

CHEM690-13A (C) **Starts Any time**

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

CHEM 790 Chemistry PhD

1.0000 EFTS

P: Subject to approval of the Head of Department.

CHEM790-13A (C) **Starts Any time**

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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Child and Family Psychology

Health Sciences Centre

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.

CFPY 501 Models of Practice in Child and Family Psychology

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) CFPY 601, CFPY 602, CFPY 603, CFPY 604 and HLTH 472 (iii) An approved 15-point, 0.125 EFTS postgraduate or honours-level research methods course (2) Subject to approval of the Director, Health Sciences Centre.
C: CFPY 502

R: EDUC 623, HLTH 670, EDUC 624, HLTH 671

EQ: EDUC 623, HLTH 670

CFPY501-12SU2 (C) **Summer (Nov 12)**

CFPY501-13SU2 (C) **Summer (Nov 12)**

Limited entry. See limitation of entry regulations.

CFPY 502 Professional Skills and Practicum

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) (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) CFPY 601, CFPY 602, CFPY 603, CFPY 604 and HLTH 672 (iii) An approved 15-point, 0.125 EFTS postgraduate or honours-level research methods course. (2) Subject to approval of the Director, Health Sciences Centre. (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: EDUC 623, HLTH 670, EDUC 624, HLTH 671

EQ: EDUC 624, HLTH 671

CFPY502-13W (C) **Whole Year (S1 and S2)**

Limited entry. See limitation of entry regulations.

CFPY 503 Advanced Academic Development

0.2500 EFTS

Further academic study relevant to the area of Child and Family Psychology

P: (i) Subject to approval of the Director, Health Sciences Centre. (2) EDUC 623 and EDUC 624 or HLTH 670 and HLTH 671 or CFPY 501 and CFPY 502

R: EDUC 501, HLTH 501

EQ: EDUC 501, HLTH 501

CFPY503-13FY (C) **Full Year (February to February)**

Limited entry. See limitation of entry regulations.

CFPY 504 Advanced Professional Practice in Child and Family Psychology

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 approval of the Director, Health Sciences Centre. (2) EDUC 623 and EDUC 624 or HLTH 670 and HLTH 671 or CFPY 501 and CFPY 502

R: EDUC 502, HLTH 502

EQ: EDUC 502, HLTH 502

CFPY504-13FY (C) **Full Year (February to February)**

Limited entry. See limitation of entry regulations.

CFPY 505 Structuring and Examining Professional Practice

0.2500 EFTS

Preparation for, presentation and defence of professional work in formal settings.

P: (1) Subject to approval of the Director, Health Sciences Centre. (2) EDUC 623 and EDUC 624 or HLTH 670 and HLTH 671 or CFPY 501 and CFPY 502

R: EDUC 503, HLTH 503
EQ: EDUC 503, HLTH 503

CFPY505-13FY (C) Full Year (February to February)

Limited entry. See limitation of entry regulations.

CFPY 601 Disorders of Childhood and Adolescence

0.2500 EFTS

The nature, prevalence, causes and current intervention relating to disorders and disabilities arising during the developmental period.

P: Subject to approval of the Director, Health Sciences Centre

R: EDEM 661, EDUC 412
EQ: EDEM 661, EDUC 412

CFPY601-13W (C) Whole Year (S1 and S2)

CFPY 602 Child Development: Research Contexts and Applications

0.2500 EFTS

This course aims to provide an advanced understanding of child development by focusing on issues and concerns that may affect children and families across multiple developmental contexts. Students will gain knowledge and research skills by undertaking a focused literature review in an approved topic and applying contemporary developmental theory to a case study problem.

P: Subject to approval of the Director, Health Sciences Centre

R: EDEM 662, EDUC 416, PSYC 413
EQ: EDEM 662, EDUC 416, PSYC 413

CFPY602-13W (C) Whole Year (S1 and S2)

CFPY 603 Introduction to Interventions

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 Director, Health Sciences Centre

R: EDEM 663, EDUC 421
EQ: EDEM 663, EDUC 421

CFPY603-13W (C) Whole Year (S1 and S2)

CFPY 604 Counselling and Psychology: Theories and Skills

0.2500 EFTS

Studies of counselling and psychological theories and their implications for practice. Practice the skills of an intentional interviewing model of helping.

P: Subject to approval of the Director, Health Sciences Centre

R: EDUC 461, EDEM 664, HLTH 481
EQ: EDUC 461, EDEM 664, HLTH 481

CFPY604-13W (C) Whole Year (S1 and S2)

CFPY 690 MA Child and Family Psychology Thesis

1.0000 EFTS

P: (i) CFPY 601-604, HLTH 472 and one of EDEM 695-697, or HLTH 462, or PSYC 460 or PSYC 461. (ii) Subject to approval of the Director, Health Sciences Centre.

CFPY690-13A (C) Starts Any time

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

CFPY 695 MSc Child and Family Psychology Thesis

1.0000 EFTS

P: (i) CFPY 601-604, HLTH 472 and one of EDEM 695-697, or HLTH 462, or PSYC 460 or PSYC 461. (ii) Subject to approval of the Director, Health Sciences Centre.

CFPY695-13A (C) Starts Any time

Chinese

School of Languages, Cultures and Linguistics

CHIN 101 Elementary Chinese Language

45 Points

0.3750 EFTS

This introductory course is an intensive course of Modern Standard Chinese (Mandarin/Putonghua) designed for students with no previous knowledge of Chinese. 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.

CHIN101-13W (C) Whole Year (S1 and S2)

CHIN 102 Introduction to Chinese Civilization

15 Points

0.1250 EFTS

Not offered in 2013

This course is an introduction to the oldest continuous civilisation, that of China. It exposes students to various aspects of traditional Chinese culture and explores the significant influence of Chinese culture on other cultures in Asia and the world. It also surveys China's modern history

and how economic and political reforms of the past two decades have turned China into an emerging power and the world's fastest growing economy.

CHIN 105 Chinese Language 1
30 Points 0.2500 EFTS

Not offered in 2013

This course is for students who have studied Chinese as a subject at high school. The course will build on the Chinese language knowledge that students have achieved from high school Chinese and bring the level of proficiency to that required at the beginning of CHIN 201. The course is not for students who are literate in Chinese and/or are fluent speakers of Mandarin.

P: Level 3 NCEA with 14 credits or above in Chinese or equivalent. Direct entry without the prerequisite is through a placement test and approval of the Programme Director.
R: CHIN 101

CHIN 110 Oral Chinese 1
15 Points 0.1250 EFTS

This spoken Chinese (Mandarin) course for students with little or no prior knowledge of Chinese provides basic communication skills in spoken Chinese. It will introduce some basic sentence patterns and about 500 words of everyday Pinyin (i.e. the Romanized written script). This course is not designed for students who have completed advanced Chinese language courses or who are fluent speakers of Mandarin. Such students may not enrol in this course without the permission of the Programme Director.

CHIN110-13SU1 (C) Summer (Jan 13)

CHIN 115 Introduction to Business Chinese
15 Points 0.1250 EFTS

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.

CHIN115-13S2 (C) Semester 2

CHIN 201 Chinese Language 2
45 Points 0.3750 EFTS

This course follows on from CHIN 101/CHIN 105 and offers further grounding in the grammar and vocabulary of Modern Standard Chinese and development of listening, speaking, reading and writing skills. 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, which will be granted only if the course is appropriate to the level of competence of the student. Direct entry candidates must reach a level in the relevant placement test which is judged satisfactory by the Programme Director.

P: CHIN 101 or CHIN 105

CHIN201-13W (C) Whole Year (S1 and S2)

CHIN 202 Introduction to Chinese Linguistics
15 Points 0.1250 EFTS

Not offered in 2013

This is an introductory course in Chinese linguistics. Course topics include the sound system, word structures, and sentence structures of Modern Standard Chinese, sociolinguistic aspects of the language, and the Chinese script. The course complements the Chinese language courses; it is therefore useful for students of Chinese. Students in linguistics and potential and current teachers of Chinese as a second/ foreign language will also find the course informative. Learn/Moodle is used for course management.

P: CHIN 101 or CHIN 105 or ENGL 123 or ENGL 112 or LING 101 or LING 102 or 36 points of a language subject at 100-level.

CHIN 203 Introduction to Chinese Literature in Translation
15 Points 0.1250 EFTS

Not offered in 2013

An introductory course on traditional Chinese poetry, prose, drama and fiction. The aim is to train students to read and appreciate classical Chinese literature and to promote an understanding of the cultural history of China.

P: 15 points in CHIN at 100-level with a B pass or above, or 30 points of CHIN at 100-level, or any 45 points from the Arts Schedule.

CHIN 205 Business Chinese
15 Points 0.1250 EFTS

Not offered in 2013

This course introduces the elements of Chinese language that are useful for business communication. Emphasis will be given to the development of Chinese language proficiency and application of oral and written language skills in tasks designed for business communication practice. Aspects of Chinese business culture will also be introduced.

P: A placement test, with the permission of the Programme Director, or CHIN 201.

CHIN 206 Chinese Cinema and Contemporary Chinese Culture
15 Points 0.1250 EFTS

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 paper will be taught in English and all films are subtitled. By viewing the eight prescript films in class and many more available in the well-resourced UC library on the course's recommendation and students' own interests, the course encourage 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. CHIN 206 and CINE 215 are the same course.

P: 15 points of CHIN or CINE at 100-level with a B pass or above, or
30 points of CHIN and/or CINE at 100-level, or any 45 points from the Arts Schedule.

R: CINE 215, CHIN 306

EQ: CINE 215, and CHIN 306

CHIN206-13S1 (C) Semester 1

CHIN 208 Chinese Society and Culture since 1949

15 Points 0.1250 EFTS
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: 15 points in CHIN at 100-level with a B pass or above, or 30 points of CHIN at 100-level, or any 45 points from the Arts Schedule.

R: CHIN 303, HIST 291

EQ: HIST 291

CHIN208-13S1 (C) Semester 1

CHIN 211 Study Chinese in China Summer Programme 1

15 Points 0.1250 EFTS
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 CHIN101 or CHIN105.

P: At least B- in CHIN 101 or CHIN 105 or equivalent and approval by the Programme Director.

CHIN211-12SU2 (C) Summer (Nov 12)

CHIN 212 Study Chinese in China Midyear Programme

15 Points 0.1250 EFTS
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 CHIN101 or CHIN105.

P: At least B- in CHIN 101 or CHIN 105 or equivalent and approval by the Programme Director.

CHIN212-13X (C) 27 May 2013 - 14 July 2013

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.

CHIN 301 Chinese Language 3

60 Points 0.5000 EFTS

This course builds on the language skills acquired in CHIN201 and further develops and consolidates the language skills of listening, speaking, reading and writing in Chinese. 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, which is granted only if the course is appropriate to the level of competence of the student. Direct entry candidates must reach a level in the relevant placement test which is judged satisfactory by the Programme Director.

P: CHIN 201

CHIN301-13W (C) Whole Year (S1 and S2)

CHIN 302 Reading Chinese for Practical Purposes

30 Points 0.2500 EFTS

Not offered in 2013

A course which prepares students for more extensive reading and individual use of original materials in modern Chinese. Emphasis is on volume of reading, comprehension and overall language fluency. The course is a useful complement to CHIN 301.

P: CHIN 201, or placement test.

CHIN 303 Chinese Society and Culture Since 1949

30 Points 0.2500 EFTS

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: 15 points of CHIN at 200-level with a B pass or above, or any 30 points in CHIN at 200-level, or any 45 points from the Arts Schedule at 200-level.

R: CHIN 208, HIST 291, HIST 391

EQ: HIST 391

CHIN303-13S1 (C) Semester 1

CHIN 306 Chinese Cinema: History and Recent Development

30 Points 0.2500 EFTS

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 films are subtitled.

P: 15 points of CHIN at 200-level with a B pass or above, or any 30 points in CHIN at 200-level, or any 45 points from the Arts Schedule at 200-level.

R: CINE 215, and CHIN 206

EQ: CINE 215, and CHIN 206

CHIN306-13S1 (C) Semester 1**CHIN 311 Study Chinese in China Summer Programme 2**

15 Points 0.1250 EFTS

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 CHIN 201.

P: At least B- in CHIN 201 or equivalent and approval by the Programme Director.

CHIN311-12SU2 (C) Summer (Nov 12)**ARTS 395 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: Special application and interview, with permission of Internship Director.

RP: Students should attend UC Careers CV writing and Interview skills workshops prior to submitting internship application.

ARTS395-13S1 (C) Semester 1**ARTS395-13A (C) Starts Any time****ARTS395-13S2 (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 www.arts.canterbury.ac.nz/internship 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.

CHIN 401 Advanced Chinese Language Acquisition

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.

CHIN401-13W (C) Whole Year (S1 and S2)**CHIN 402 Classical Chinese Language**

0.2500 EFTS

This course introduces some basic knowledge of classical Chinese, its vocabulary, grammar and stylistic features, through the study of some elementary classical Chinese texts. Emphasis will be on reading comprehension and translation.

P: Subject to approval of the Programme Director.

CHIN402-13S1 (C) Semester 1**CHIN 403 Chinese Language and Society**

0.2500 EFTS

Not offered in 2013

This course investigates issues relating to Chinese language and society. Topics including language policy and planning, the relationship between language and identity, and bilingualism/multilingualism, will be studied under the modules of history and sociolinguistics of Modern Standard Chinese, minority languages in China, and Chinese as a community language outside China. As well as providing an overview of the complex sociolinguistic situation in China, the course aims to provide an understanding of some important sociolinguistic concepts and theories and their application in the study of Chinese sociolinguistics.

P: Subject to approval of the Programme Director.

CHIN 405 Readings in Traditional Chinese Thought

0.2500 EFTS

Not offered in 2013

The course aims to engage in the critical reading of fundamental texts of Confucian, Daoist and Buddhist thinkers in the intellectual history of Chinese thought, and to provide a foundation for advanced study of Chinese intellectual and cultural history. Students of contemporary Chinese culture and society can also benefit from the course as it provides a necessary historical background for their study.

P: Subject to approval of the Programme Director.

CHIN 408 Language and Politics in Modern China

0.2500 EFTS

Not offered in 2013

This course examines the Maoist attempt to manipulate language to control thought and remake society between 1949 and 1976, and subsequent changes in the relationship between language, politics and society.

P: Subject to approval of the Programme Director.

CHIN 409 A Special Topic

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.

CHIN409-13S2 (C) Semester 2

CHIN 410 A Special Topic

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.

CHIN410-13W (C) Whole Year (S1 and S2)

CHIN 411 Chinese AV Narratives in the Age of Globalisation

0.2500 EFTS

Using contemporary Chinese narrative films, TV programmes and/or theatrical works (most with English subtitles, the remainder with English translation) as primary texts, this course analyses the survival and success of these national AV narratives in the age of globalisation.

P: Subject to approval of the Programme Director.

R: CULT 408

EQ: CULT 408, CINE 404

CHIN411-13S2 (C) Semester 2

CHIN 480 Research Essay

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.

CHIN480-13W (C) Whole Year (S1 and S2)

CHIN 690 MA Thesis

1.0000 EFTS

P: Subject to approval of the Head of School.

CHIN690-13A (C) Starts Any time

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

LANC 401 In Other Words What? Theory and Practice of Translation

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: Eligibility for the Honours programme in one of the six languages taught in the School.

R: FREN 417

LANC401-13S1 (C) Semester 1

LANC 402 Theories and Practices of E-Learning in Non-native Language Acquisition

0.2500 EFTS

The course aims at developing participants' awareness of e-learning theories and practices and approaches to non-native language teaching/learning and project design. Participants will be introduced to key concepts and theories in e-learning related to non-native language teaching and learning. Exemplars of e-learning tools and activities will be analysed in connection to theories of e-learning and relevant academic research. Participants will investigate, analyse and evaluate literature in e-learning and connected areas in relation to non-native language teaching and learning.

P: Non-native language at 300-level or equivalent

LANC402-13S1 (C) Semester 1

CHIN 790 Chinese PhD

1.0000 EFTS

P: Subject to approval of the Head of School.

CHIN790-13A (C) Starts Any time

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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Cinema Studies

School of Humanities

CINE 101 What is Cinema?

15 Points

0.1250 EFTS

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.

CINE101-13S1 (C) Semester 1

CINE 102 World Cinema in the 21st Century

15 Points

0.1250 EFTS

This course charts recent trends in world cinema in the light of the political, artistic and technological changes that have affected film since 2000.

R: TAFS 102

CINE102-13S2 (C) Semester 2

CINE 103 New Zealand Film

15 Points

0.1250 EFTS

Not offered in 2013

This course traces the development of a national cinema in New Zealand by analysing how film is used to project a sense of cultural identity.

R: TAFS 104

CINE 110 European Society in Film

15 Points

0.1250 EFTS

This course examines aspects of European society through French, German, Russian and Spanish films.

R: EULC 101, FREN 114, GRMN 112, GRMN 212, RUSS 104

EQ: EULC 101

CINE110-1351 (C)**Semester 1****CINE 201 Hollywood and Genre**

15 Points

0.1250 EFTS

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: 30 points of CINE at 100-level, or any 45 points at 100-level, or equivalent preparation with the approval of the Programme Coordinator.

R: AMST 239

RP: CINE 101 and CINE 102

EQ: AMST 239

CINE201-1351 (C)**Semester 1****CINE 202 Film and Theory**

15 Points

0.1250 EFTS

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: 30 points of CINE at 100-level, or any 45 points at 100-level, or equivalent preparation with the approval of the Programme Coordinator.

RP: CINE 101 and CINE 102

CINE202-1352 (C)**Semester 2****CINE 210 Creative Writing for Screen**

15 Points

0.1250 EFTS

Not offered in 2013

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 75 points.

R: ENGL 234, ENGL 238

EQ: ENGL 238

Limited entry. See limitation of entry regulations.

CINE 211 Popular Culture and Media Convergence

15 Points

0.1250 EFTS

This course introduces key theories and concepts designed to understand contemporary media from a variety of

culturalist perspectives. Its emphasis is on television and its audiences, but it will refer to film and other media as well.

P: Any 30 points at 100-level, or with the approval of the Programme Coordinator.

R: AMST 214, AMST 330, AMST 333, CULT 204, DRAM 211

EQ: AMST 214, CULT 204, DRAM 211

CINE211-1352 (C)**Semester 2****CINE 212 Hardboiled LA: Los Angeles in Fiction and Film**

15 Points

0.1250 EFTS

Not offered in 2013

This course examines the way Los Angeles has functioned as an imaginative landscape in American fiction and film. The course focuses on the noir genre, because LA noir—with its fantastic convergence of tough guy realism, sex, guns, desperation, and disillusionment—provides one of the most trenchant critiques of the American dream.

P: Any 30 points at 100-level, or with the approval of the Programme Coordinator.

R: AMST 223, AMST 309, AMST 323, ENGL 237

EQ: AMST 223, ENGL 237

CINE 213 Kiriata: Māori and Indigenous Film

15 Points

0.1250 EFTS

Not offered in 2013

This course examines 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 and documentary such as *Dark Savage*, *Noble Savage*, representation of the 'Other', neo-liberalism, renaissance and cultural nationalism. Films: *Rewi's Last Stand*, *Utu*, *Mauri*, *Once Were Warriors*, *Whale Rider*, *River Queen*, *Children of the Rain*, *Apocalypse*, *King Kong*, *Atanarjuat*. Documentaries: *Patu*, *New Zealand Wars*, *Mana Wahine*, *Ross Kemp's Mongrel Mob*.

P: Any 15 points in 100-level course in Aotahi: School of Māori and Indigenous Studies or or 30 points in 100-level courses in Arts, Education, Fine Arts, Music and Social Work, or by permission of the Head of School.

R: MAOR 268

EQ: MAOR 268

CINE 214 European Novels and Film Adaptations

15 Points

0.1250 EFTS

A study of important European novels and film adaptations.

P: Any 45 points, or equivalent preparation with the approval of the Programme Coordinator.

R: EULC 204, EULC 304

EQ: EULC 204

CINE214-1352 (C)**Semester 2****CINE 215 Chinese Cinema and Contemporary Chinese Culture**

15 Points

0.1250 EFTS

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 paper will be taught in English and all films are subtitled. By viewing the eight prescript films in class and many more available in the well-resourced UC library on the course's recommendation and students' own interests, the course encourage 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.

P: 15 points of CHIN at 100-level with a B pass or above, or 30 points of CHIN at 100-level, or any 45 points from the Arts Schedule.

R: CHIN 206, CHIN 306
EQ: CHIN 206 and CHIN 306
CINE215-1351 (C) Semester 1

CINE 220 American Independent Cinema 1960-2000

15 Points 0.1250 EFTS

Not offered in 2013

This class analyses the ways in which American independent cinema distinguishes itself from mainstream major-studio productions in terms of narrative, themes, styles and audience.

P: Either 15 points of CINE at 100-level with a B pass, or 30 points of CINE at 100-level, or any 45 points at 100-level, or equivalent preparation with the approval of the Programme Coordinator.

RP: CINE 101 or CINE 102

CINE 221 Special Topic: Film on the Faultline

15 Points 0.1250 EFTS

This course treats the earthquake as an event that radically transforms our understanding of the limits and possibilities of cinema, as well as of life itself. An earthquake indicates a fissure, a rupture that produces a radical realignment of forces and potentiality. Faultlines, by definition, are located on the edges of tectonic plates. Film history and theory too must confront the seismic shift in focus away from the centre (Europe, North America) toward the periphery (the Southern Cone, the Pacific Rim, China, Central Asia and North Africa). We will analyse a range of films from Iran, Chile, Japan, Greece, Turkey, Italy, the USA and New Zealand. In one way or another, these films unsettle the stable and secure categories that govern our political, ethical, economic and ontological position as regards self and other. Topics will include: fictional and non-fictional representation of earthquakes in film, archival footage and digital witnessing (digital camera, phone, youtube, facebook), social memory and heritage, home, exile, and disaster as media spectacle.

P: Either 15 points of CINE at 100-level with a B pass, or 30 points of CINE at 100-level, or any 45 points at 100-level,

or equivalent preparation with the approval of the Curriculum Coordinator.

R: CINE 320
RP: CINE 101, CINE 102
EQ: CINE 320
CINE221-1351 (C) Semester 1

CINE 222 Special Topic

15 Points 0.1250 EFTS

Not offered in 2013

P: Either 15 points of CINE at 100-level with a B pass, or 30 points of CINE at 100-level, or any 45 points at 100-level, or equivalent preparation with the approval of the Programme Coordinator.

CINE 301 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: 30 points in CINE at 200-level, or equivalent preparation with the approval of the Programme Coordinator.

R: CULT 321
EQ: CULT 321
CINE301-1352 (C) Semester 2

CINE 302 Documentary: From the Margins to the Mainstream

30 Points 0.2500 EFTS

Not offered in 2013

This course examines the artistic and political principles that govern the representation of reality in contemporary documentary film.

P: 30 points in CINE at 200-level, or equivalent preparation with the approval of the Programme Coordinator.

R: CULT 322
EQ: CULT 322

CINE 320 Special Topic: Film on the Faultline

30 Points 0.2500 EFTS

This course treats the earthquake as an event that radically transforms our understanding of the limits and possibilities of cinema, as well as of life itself. An earthquake indicates a fissure, a rupture that produces a radical realignment of forces and potentiality. Faultlines, by definition, are located on the edges of tectonic plates. Film history and theory too must confront the seismic shift in focus away from the centre (Europe, North America) toward the periphery (the Southern Cone, the Pacific Rim, China, Central Asia and North Africa). We will analyse a range of films from Iran, Chile, Japan, Greece, Turkey, Italy, the USA and New Zealand. In one way or another, these films unsettle the stable and secure categories that govern our political, ethical, economic and ontological position as regards self and other. Topics will include: fictional and non-fictional representation of earthquakes in film, archival footage and digital witnessing (digital camera, phone, youtube,

facebook), social memory and heritage, home, exile, and disaster as media spectacle.

P: 45 points of film related courses at 200-level or equivalent preparation as approved by the Curriculum Coordinator.

R: CINE 221

RP: CINE 201, CINE 202

EQ: CINE 221

CINE320-13S1 (C) Semester 1

CINE 321 Special Topic

30 Points 0.2500 EFTS

Not offered in 2013

P: 45 points of film related courses at 200-level as approved by the Programme Coordinator, or equivalent preparation with the approval of the Programme Coordinator.

ARTS 395 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: Special application and interview, with permission of Internship Director.

RP: Students should attend UC Careers CV writing and Interview skills workshops prior to submitting internship application.

ARTS395-13S1 (C) Semester 1

ARTS395-13A (C) Starts Any time

ARTS395-13S2 (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 www.arts.canterbury.ac.nz/internship for more information.

Civil Engineering

Department of Civil and Natural Resources Engineering

ENCN 201 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.

ENCN201-13W (C) Whole Year (S1 and S2)

ENCN 213 Design Studio 1

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: ENCI 211

ENCN213-13S2 (C) Semester 2

ENCN 221 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.

ENCN221-13S1 (C) Semester 1

ENCN 231 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: ENCI 230, ENCI 234

ENCN231-13S1 (C) Semester 1

ENCN 242 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: ENCI 241

ENCN242-13S2 (C) Semester 2

ENCN 253 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: ENCI 252, ENCI 271

ENCN253-13S2 (C) Semester 2

ENCN 261 Transport and Surveying

15 Points 0.1250 EFTS

Introduction to transportation engineering. Geometric design of roads. Surveying fundamentals. Surveying camp. P: Subject to approval of the Dean of Engineering and Forestry.

R: ENCI 262

ENCN261-13S1 (C) Semester 1**ENCN 281 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: ENNR 203, ENCI 383

ENCN281-13S2 (C) Semester 2**ENCI 313 Civil Engineering Design Studio 2**

15 Points 0.1250 EFTS

Conceptual design of multi-disciplinary civil engineering projects; regulatory planning; professional skills; economic, social and environmental assessments.

P: ENCN 213, ENCN 261, ENCN 242 ENCN 371

R: ENCI 312, ENNR 313

EQ: ENNR 313

ENCI313-13S2 (C) Semester 2**ENCI 335 Structural Analysis**

15 Points 0.1250 EFTS

Solid mechanics applied to structural systems. Analysis of indeterminate structures. Introduction to structural dynamics and the response of structures to earthquakes.

P: ENCN 231, EMTH 210

R: ENCI 334

ENCI335-13S1 (C) Semester 1**ENCI 336 Structural Design**

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: ENCN 213, ENCN 221, ENCN 231

R: ENCI 332, ENCI 333

ENCI336-13S2 (C) Semester 2**ENCN 301 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: ENCN 201

ENCN301-13W (C) Whole Year (S1 and S2)**ENCN 304 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: EMTH 210

C: ENCN 305

R: ENCI 302

ENCN304-13S1 (C) Semester 1**ENCN 305 Computer Programming and Stochastic Modelling**

15 Points 0.1250 EFTS

Programming in Matlab. Exploratory data analysis, model fitting, optimisation, maximum likelihood, residuals analysis, outlier detection, simulation, bootstrap methods.

P: EMTH 210

R: ENCI 303

ENCN305-13S1 (C) Semester 1**ENCN 342 Fluid Mechanics and Hydraulics**

15 Points 0.1250 EFTS

Open channel flow; pipe networks; Navier-Stokes equations; scale and dimensional analysis; inviscid flow; boundary layers; turbulent flow; lift and drag.

P: ENCN 242, EMTH 210

R: ENCI 341

ENCN342-13S2 (C) Semester 2**ENCN 353 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: ENCN 253, EMTH 210

R: ENCI 351

ENCN353-13S2 (C) Semester 2**ENCN 371 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: ENCI 363, ENCI 403

ENCN371-13S1 (C) Semester 1**ENCI 423 Structural Dynamics**

12 Points 0.1250 EFTS

Analysis of linear and nonlinear structures subject to dynamic external loading, in particular, earthquake-induced ground motions. Base isolation and supplemental damping methods.

P: ENCI 335

ENCI423-13S1 (C) Semester 1

ENCI 425 Structural Steel

15 Points 0.1250 EFTS
Behaviour and design of steel members. Frame analysis and design considering higher-order effects and plasticity. Composite beams. Fatigue. Steel frame seismic design. Cold-formed members.

P: ENCI 335, ENCI 336

ENCI425-1352 (C) Semester 2

ENCI 426 Structural Concrete

15 Points 0.1250 EFTS
Seismic design of concrete structures that are of reinforced and precast concrete (beams, columns and walls) and concrete masonry. Details of prestressed concrete bridges.

P: ENCI 335, ENCI 336

ENCI426-1352 (C) Semester 2

ENCI 427 Timber Structures

15 Points 0.1250 EFTS
Analysis and design of timber structures. Timber as a structural material. Material properties, case studies, design examples and applications. Timber building codes.

P: ENCN 213, ENCI 429

ENCI427-1352 (C) Semester 2

ENCI 429 Structural Systems

15 Points 0.1250 EFTS
Architecture/Structural Form, Engineering without numbers, Slab Design, Influence lines and bridge loads, Seismic demand on buildings, Capacity design, Ductility, Plastic Analysis.

P: ENCI 335, ENCI 336

ENCI429-1351 (C) Semester 1

ENCI 475 Independent Course of Study

15 Points 0.1250 EFTS
P: Subject to approval of the Head of Department.

ENCI475-1351 (C) Semester 1

ENCI475-13W (C) Whole Year (S1 and S2)

ENCI475-1352 (C) Semester 2

ENCI 493 Project (full year)

24 Points 0.2000 EFTS
Engineering Research Project.

P: Subject to approval of the Head of Department.

ENCI493-13W (C) Whole Year (S1 and S2)

ENCI 496 Special Topic

15 Points 0.1250 EFTS
Not offered in 2013

ENCI 498 Special Topic

15 Points 0.1250 EFTS
ENCI498-1352 (C) Semester 2

Limited entry. See limitation of entry regulations.

ENCI 499 Special Topic

15 Points 0.1250 EFTS

ENCI499-1352 (C) Semester 2

ENCN 401 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, sustainable rural and city transportation, shelter and housing construction in rural communities, engineering in a cultural and sustainable context using appropriate technology.

P: ENNR 313 or ENCI 313 or subject to approval of the Director of Studies.

R: ENNR 451

ENCN401-1351 (C) Semester 1

ENCN 412 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: ENCN 261 or subject to approval of the Director of Studies.

R: ENCI 412

ENCN412-1352 (C) Semester 2

ENCN 415 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: ENCN 221

R: ENCI 415

ENCN415-1351 (C) Semester 1

ENCN 444 Water Infrastructure and Design

15 Points 0.1250 EFTS

Hydraulic design and modelling of water infrastructure including channels, hydraulic structures, pipe networks, and wells.

P: ENCI 313 or ENNR 313, ENCN 342, ENCN 304

R: ENCI 444, ENNR 404, ENNR 407

ENCN444-1351 (C) Semester 1

ENCN 445 Environmental Fluid Mechanics

15 Points 0.1250 EFTS

Not offered in 2013

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

R: ENCI 445

ENCN 452 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: ENCN 453

R: ENCI 452

ENCN452-1351 (C) Semester 1**ENCN 454 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: ENCN 452

ENCN454-1352 (C) Semester 2**ENCN 470 Professional Engineering Development**

15 Points 0.1250 EFTS
Professional issues in Civil and Natural Resources Engineering. Society and environment, ethics, communication skills, historical developments, future engineering issues, and system thinking.

P: ENCN 301 (in 2014 and beyond)

ENCN470-1352 (C) Semester 2**ENCN 481 Environmental Engineering Design**

15 Points 0.1250 EFTS
Project-based design for treatment of contaminated media. Could include treatment of wastewaters, landfill design, or remediation of contaminated soils. Laboratories, field trips.

P: ENCN 281 or Subject to approval of the Director of Studies.

R: ENCI 481, ENCI 482

ENCN481-1352 (C) Semester 2**ENCN 493 Project**

30 Points 0.2500 EFTS
Engineering Research Project

P: Completion of Second Professional year or Subject to approval of the Director of Studies.

R: ENCI 493, ENCI 494, ENCN 494

ENCN493-13W (C) Whole Year (S1 and S2)**ENCN 494 Project**

15 Points 0.1250 EFTS
P: Subject to approval of the Head of Department.

R: ENCI 494, ENCN 493, ENCI 493

ENCN494-1351 (C) Semester 1**ENCN 497 Special Topic In Civil Engineering**

15 Points 0.1250 EFTS

Not offered in 2013

P: Subject to approval of the Head of Department.

ENCN 499 Special Topic

15 Points 0.1250 EFTS

Not offered in 2013

P: Subject to approval of the Director of Studies.

ENGR 403 Introduction to 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.

ENGR403-13SU1 (C) Summer (Jan 13)**ENGR403-1351 (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.

ENCI 601 Risk Management

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

ENCI601-13A (C) Starts Any time**ENCI 609 Special Topic**

0.1250 EFTS

P: Subject to approval of Director of Studies.

ENCI609-1351 (C) Semester 1**ENCI 610 Special Topic**

0.1250 EFTS

Not offered in 2013

P: Subject to approval of Director of Studies.

ENCI 621 Concrete Materials and Practice

0.1250 EFTS

Not offered in 2013

Concrete as a construction material. Concrete technology. Advanced binder systems. Durability. Repairs. Practical applications. Case studies and site visits.

P: Subject to approval of Programme Director.

ENCI 629 Special Topic: Structural Bridge Engineering

0.1250 EFTS

Not offered in 2013

History of bridges, construction techniques for viaducts, load conditions and influence lines, slab/girder bridges, box girder bridges, prestressing in concrete bridges, creep, shrinkage and differential temperature, pier and abutments,

arch bridges, cable stayed bridges, suspension bridges, durability and maintenance, longitudinal and transversal seismic design, innovative seismic resistant substructure solutions and isolation devices.

P: Subject to approval of the Head of Department.

ENCI 634 Water and Soil Chemistry

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 Programme Director.

ENCI634-13S2 (C) Semester 2

ENCI 637 Marine Pollution Modelling

0.1250 EFTS

Not offered in 2013

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. The Head of School 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.

ENCI 638 Environmental Fluid Dynamics

0.1250 EFTS

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.

ENCI638-13S1 (C) Semester 1

ENCI638-13S2 (C) Semester 2

ENCI 639 Advanced Water Hammer Analysis and Design

0.1250 EFTS

Not offered in 2013

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.

ENCI 641 Environmental Systems Engineering

0.1250 EFTS

Not offered in 2013

Systems modelling skills applied to environmental quality problems. Model development, parameter estimation.

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

R: ENCI 631

RP: Prior courses in hydrology, probability/statistics, programming, and numerical methods would be expected.

ENCI 648 Special Topic

0.1250 EFTS

P: Subject to approval of the Head of Department.

ENCI648-13S1 (C) Semester 1

ENCI 658 Special Topic

0.1250 EFTS

P: Subject to approval of the Head of Department.

ENCI658-13S2 (C) Semester 2

ENCI 669 Special Topic in Civil Engineering

0.1250 EFTS

P: Subject to approval of the Head of Department.

ENCI669-13S1 (C) Semester 1

ENCI669-13W (C) Whole Year (S1 and S2)

ENCI669-13S2 (C) Semester 2

ENCI 670 Special Topic in Civil Engineering

0.1250 EFTS

P: Subject to approval of the Head of Department.

ENCI670-13S1 (C) Semester 1

ENCI670-13W (C) Whole Year (S1 and S2)

ENCI670-13S2 (C) Semester 2

ENCI 675 Independent Course of Study

0.1250 EFTS

P: Subject to approval of the Head of Department.

ENCI675-13S1 (C) Semester 1

ENCI675-13W (C) Whole Year (S1 and S2)

ENCI675-13S2 (C) Semester 2

ENCI 680 Civil ME Project [Full Time]

0.6000 EFTS

P: Subject to approval of the Head of Department.

ENCI680-13A (C) Starts Any time

ENCI680-13W (C) Whole Year (S1 and S2)

ENCI 682 Special Topic Civil Engineering - Project

0.2500 EFTS

P: Subject to approval of the Head of Department

ENCI682-13S1 (C) Semester 1**ENCI682-13W (C) Whole Year (S1 and S2)****ENCI682-13S2 (C) Semester 2****ENCI 690 Civil ME Thesis**

1.0000 EFTS

P: Subject to approval of the Head of Department.

ENCI690-13A (C) Starts Any time*Part-time enrolment (0.65 EFTS) is available on approval.***ENCI 790 Civil Engineering PhD**

1.0000 EFTS

P: Subject to approval of the Head of Department.

ENCI790-13A (C) Starts Any time*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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Classics

School of Humanities

CLAS 104 Greek Mythologies

15 Points 0.1250 EFTS

An introduction to Greek myth and its manifestations in ancient Greek literature, art and philosophy.

R: CLAS 102, CLAS 103, CLAS 107

CLAS104-13S1 (C) Semester 1**CLAS104-13S1 (D) Semester 1****CLAS 105 Roman Mythologies**

15 Points 0.1250 EFTS

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: CLAS 102, CLAS 103

CLAS105-13S2 (C) Semester 2**CLAS 106 Ancient Egyptian Art**

15 Points 0.1250 EFTS

Not offered in 2013

An introduction to Egyptian Art from the pre-dynastic to the Roman period.

CLAS 111 Greek History

15 Points 0.1250 EFTS

The history of the Greek world from Homer to the Hellenistic age.

CLAS111-13S2 (C) Semester 2**CLAS 112 Roman History**

15 Points 0.1250 EFTS

The history of the Roman world from the Etruscans to the late Roman Empire.

R: CLAS 113

CLAS112-13S1 (C) Semester 1**CLAS 134 Beginners' Greek A**

30 Points 0.2500 EFTS

An introduction to Greek grammar and reading Greek.

R: CLAS 131

CLAS134-13S1 (C) Semester 1**CLAS 135 Beginners' Greek B**

30 Points 0.2500 EFTS

An introduction to Greek grammar and reading Greek, following from CLAS 134.

P: CLAS 134. Students without this prerequisite but with previous experience in the language may be admitted to the course at the discretion of the Programme Coordinator.

R: CLAS 131

CLAS135-13S2 (C) Semester 2**CLAS 141 Classical Concepts of Beauty**

15 Points 0.1250 EFTS

Not offered in 2013

An introductory examination of theories of art and reality in ancient Athens.

R: PHIL 140, ARTT 101, PHIL 141

EQ: PHIL 141

CLAS 144 Beginners' Latin A

30 Points 0.2500 EFTS

An introduction to Latin grammar and to reading Latin.

R: CLAS 143

CLAS144-13S1 (C) Semester 1**CLAS 145 Beginners' Latin B**

30 Points 0.2500 EFTS

An introduction to Latin grammar and to reading Latin, following on from CLAS 144.

P: CLAS 144. Students without this prerequisite but with previous experience in the language may be admitted to the course at the discretion of the Programme Coordinator.

R: CLAS 143

CLAS145-13S2 (C) Semester 2**CLAS 201 Theatre and Performance in the Ancient World**

15 Points 0.1250 EFTS

Not offered in 2013

A study of selected Greek and Roman tragic plays (in translation) and of aspects of performance and rhetoric.

P: Either 15 points of CLAS at 100-level with a B pass; or 30 points of CLAS at 100-level; or any 45 points from the Arts Schedule.

R: CLAS 321

RP: Any 100-level course in CLAS.

CLAS 206 Greek Art

15 Points

0.1250 EFTS

Not offered in 2013

A survey of ancient Greek art - primarily architecture, sculpture, vase painting - from the eighth to fourth centuries BC and how these materials relate more broadly to their cultural context; tutorials will focus on objects in the James Logie Memorial Collection.

P: Either 15 points of CLAS at 100-level with a B pass; or 30 points of CLAS at 100-level; or any 45 points from the Arts Schedule.

R: CLAS 326

RP: Any 100-level course in CLAS.

CLAS 207 Roman Art and Architecture

15 Points

0.1250 EFTS

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: Either 15 points of CLAS at 100-level with a B pass; or 30 points of CLAS at 100-level; or any 45 points from the Arts Schedule.

RP: Any 100-level course in CLAS.

CLAS207-13S2 (C)**Semester 2****CLAS 213 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: Either 15 points of CLAS at 100-level with a B pass; or 30 points of CLAS at 100-level; or any 45 points from the Arts Schedule.

R: CLAS 313

RP: CLAS 111 or any 100-level course in CLAS.

CLAS213-13S1 (C)**Semester 1****CLAS 214 Imperial Rome**

15 Points

0.1250 EFTS

Not offered in 2013

Roman history, society and culture under the early emperors as represented by the literary sources and material remains.

P: Either 15 points of CLAS at 100-level with a B pass; or 30 points of CLAS at 100-level; or any 45 points from the Arts schedule.

R: CLAS 318

CLAS 219 Sport and Leisure in the Ancient World

15 Points

0.1250 EFTS

Not offered in 2013

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: Either 15 points of CLAS at 100-level with a B pass; or 30 points of CLAS at 100-level; or any 45 points from the Arts Schedule.

R: CLAS 319

RP: Any 100-level course in CLAS.

CLAS 220 Troy and Ancient Epic

15 Points

0.1250 EFTS

A study of the theme of Troy in the Iliad, the Odyssey and Virgil's Aeneid.

P: Either 15 points of CLAS at 100-level with a B pass; or 30 points of CLAS at 100-level; or any 45 points from the Arts Schedule.

R: CLAS 202, CLAS 203, CLAS 320, CLAS 323

RP: CLAS 104 or any 100-level course in CLAS.

CLAS220-13S2 (C)**Semester 2****CLAS 224 Greek Philosophy**

15 Points

0.1250 EFTS

A survey of Greek philosophy and intellectual history Archaic and Classical Greece (c. 700-320 BC), focusing on primary sources in three interconnected sections: Presocratics; Sophists, Socrates & Plato; Aristotle. Note: course requirements in this combined 200 and 300-level course will be appropriate to the level at which the student is enrolled.

P: Either 15 points of CLAS or 15 points of PHIL at 100-level with a B pass; or 30 points of CLAS or PHIL at 100-level; or any 45 points from the Arts Schedule.

R: CLAS 324; PHIL 314; PHIL 224

RP: CLAS 104 or CLAS/PHIL 141 or any 100-level in CLAS or PHIL.

EQ: PHIL 224

CLAS224-13S1 (C)**Semester 1****CLAS 234 Intermediate Greek Authors 1**

30 Points

0.2500 EFTS

A study of selected Greek texts and unseen passages, with emphasis on the development of knowledge of the language.

P: CLAS 131 or CLAS 135. Students without the prerequisite but with previous experience in the language may be admitted to the course at the discretion of the Programme Coordinator.

R: CLAS 231

CLAS234-13S1 (C)**Semester 1****CLAS 235 Intermediate Greek Authors 2**

30 Points

0.2500 EFTS

Continued study of selected Greek texts and unseen passages, with emphasis on the development of knowledge of the language.

P: CLAS 234. Students without the prerequisite but with previous experience in the language may be admitted to the course at the discretion of the Programme Coordinator.

R: CLAS 231

CLAS235-13S2 (C)**Semester 2****CLAS 244 Intermediate Latin Authors A**

30 Points

0.2500 EFTS

A study of selected Latin texts and unseen passages, with emphasis on the development of knowledge of the language.

P: CLAS 145 or CLAS 143. Students without the prerequisite but with previous experience in the language may be

admitted to the course at the discretion of the Programme Coordinator.

R: CLAS 241

CLAS244-1351 (C) Semester 1

CLAS 245 Intermediate Latin Authors B

30 Points 0.2500 EFTS

Continued study of selected Latin texts and unseen passages, with emphasis on the development of knowledge of the language.

P: CLAS 244. Students without the prerequisite but with previous experience in the language may be admitted to the course at the discretion of the Programme Coordinator.

R: CLAS 241

CLAS245-1352 (C) Semester 2

CLAS 306 Roman Satire

30 Points 0.2500 EFTS

Not offered in 2013

A study of the works of Horace, Persius, Juvenal and Petronius. Note: course requirements in this combined 200 and 300-level course will be appropriate to the level at which the student is enrolled.

P: Either 15 points of CLAS at 200-level with a B pass; or 30 points of CLAS at 200-level; or any 45 points at 200-level from the Arts Schedule.

R: CLAS 301, CLAS 226

CLAS 307 Topics in Ancient History: The Hellenistic East and the Coming of Rome

30 Points 0.2500 EFTS

Not offered in 2013

This course examines what happened to Alexander's Empire after he died. We will focus on the struggles between the possible successors and their heirs, the establishment of successor kingdoms, and the influence of Hellenic culture on the peoples in the East. We will also investigate the emerging presence of Rome into this region in the second and first centuries BC.

P: Either 15 points of CLAS at 200-level with a B pass; or 30 points of CLAS at 200-level; or any 45 points at 200-level from the Arts Schedule.

CLAS 308 Personal and Erotic Poetry after Alexander

30 Points 0.2500 EFTS

Not offered in 2013

A survey of Greek poetry written between 323 and 50 B.C., concentrating on Alexandria.

P: Either 15 points of CLAS at 200-level with a B pass; or 30 points of CLAS at 200-level; or any 45 points at 200-level from the Arts Schedule.

CLAS 310 Writing in Chains: Latin Literature and Roman Slavery

30 Points 0.2500 EFTS

Not offered in 2013

An examination of Roman slavery from a literary and cultural-historical perspective.

P: Either 15 points of CLAS at 200-level with a B pass; or 30 points of CLAS at 200-level; or any 45 points at 200-level from the Arts Schedule.

CLAS 314 Art and Archaeology of Ancient Mediterranean Cities: Roman Architecture

30 Points 0.2500 EFTS

Not offered in 2013

This course explores the tremendous architectural achievements of the Romans from the 2nd century BC-4th century AD. The course will focus on a variety of architectural forms (arches and domes to bridges and sewers) and will also examine some of the cultural and historical factors underlying the Romans' success as architects. This course is suitable for Engineering students as well as Arts students.

P: Either 15 points of CLAS at 200-level with a B pass; or 30 points of CLAS at 200-level; or any 45 points at 200-level from the Arts Schedule. Students in Engineering programmes may also enrol with permission of the Programme Coordinator.

CLAS 315 Special Topic

30 Points 0.2500 EFTS

Not offered in 2013

P: Either 15 points of CLAS at 200-level with a B pass; or 30 points of CLAS at 200-level; or any 45 points from the Arts Schedule.

CLAS 316 Topics in Classical Literature and Culture: Roman Law

30 Points 0.2500 EFTS

Not offered in 2013

This course surveys the key features of ancient 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.

P: Either 15 points of CLAS at 200-level with a B pass; or 30 points of CLAS at 200-level; or any 45 points at 200-level from the Arts Schedule

CLAS 319 Sport and Leisure in the Ancient World

30 Points 0.2500 EFTS

Not offered in 2013

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: Either 15 points of CLAS at 200-level with a B pass; or 30 points of CLAS at 200-level; or any 45 points at 200-level from the Arts Schedule.

R: CLAS 219

EQ: CLAS 219

CLAS 324 Greek Philosophy

30 Points 0.2500 EFTS

A survey of Greek philosophy and intellectual history Archaic and Classical Greece (c. 700-320 BC), focusing on primary sources in three interconnected sections: Presocratics; Sophists, Socrates & Plato; Aristotle. 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 in 200-level Philosophy or 200-level Classics

R: CLAS 224, PHIL 224, PHIL 314

EQ: PHIL 314

CLAS324-13S1 (C) Semester 1

CLAS 325 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: Either 15 points of CLAS at 200-level with a B pass; or 30 points of CLAS at 200-level; or any 45 points at 200-level from the Arts Schedule.

R: CLAS 307, CLAS 407

RP: CLAS 214 or any other 200-level course in CLAS.

CLAS325-13S1 (C) Semester 1

CLAS 326 Concepts of Art and Literature from Homer to Aristotle

30 Points 0.2500 EFTS

This course is an intellectual history of Greek views of visual artworks in ancient texts and how these relate to ideas about poetry and rhetoric in the Archaic and Classical Greek world. The course aims to demonstrate the importance and richness of ideas from this period (c. 750-320 BC) to show that visual art was closely linked to a number of major concerns: psychology, politics, ethics, ontology, and erotics among them.

P: Either 15 points of CLAS at 200-level with a B pass; or 44/30 points of CLAS at 200-level; or any 66/45 points at 200-level from the Arts Schedule.

R: CLAS 315, CLAS 454

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.

CLAS326-13S2 (C) Semester 2

CLAS 329 Ancient Laughter

30 Points 0.2500 EFTS

A study of Greek and Roman Comedy and Roman Satire in terms of the performability, thematics and characterisation

of the former and the social commentary and humour of both of these related genres.

P: Either 15 points of CLAS at 200-level with a B pass; or 30 points of CLAS at 200-level; or any 45 points at 200-level from the Arts Schedule.

R: CLAS 306, CLAS 201, CLAS 321

RP: CLAS 104 and CLAS 105 and/or any 200-level course in CLAS.

CLAS329-13S2 (C) Semester 2

CLAS 334 Advanced Greek Authors 1

30 Points 0.2500 EFTS

Advanced study of Greek texts and unseen passages.

P: CLAS 231 or CLAS 235. Students without this prerequisite but with previous experience in the language may be admitted to the course at the discretion of the Programme Coordinator.

R: CLAS 331

CLAS334-13S1 (C) Semester 1

CLAS 335 Advanced Greek Authors 2

30 Points 0.2500 EFTS

Continued advanced study of Greek texts and unseen passages.

P: CLAS 334. Students without this prerequisite but with previous experience in the language may be admitted to the course at the discretion of the Programme Coordinator.

R: CLAS 331

CLAS335-13S2 (C) Semester 2

CLAS 342 Readings from Latin Literature

30 Points 0.2500 EFTS

Not offered in 2013

Rapid reading of Latin texts, building on CLAS 344.

P: CLAS 344

CLAS 344 Advanced Latin Authors 1

30 Points 0.2500 EFTS

Advanced study of Latin texts and unseen passages.

P: CLAS 241 or CLAS 245. Students without this prerequisite but with previous experience in the language may be admitted to the course at the discretion of the Programme Coordinator.

R: CLAS 341

CLAS344-13S1 (C) Semester 1

CLAS 345 Advanced Latin Authors 2

30 Points 0.2500 EFTS

Continued advanced study of Latin texts and unseen passages.

P: CLAS 344. Students without this prerequisite but with previous experience in the language may be admitted to the course at the discretion of the Programme Coordinator.

R: CLAS 341

CLAS345-13S2 (C) Semester 2

ARTS 395 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: Special application and interview, with permission of Internship Director.

RP: Students should attend UC Careers CV writing and Interview skills workshops prior to submitting internship application.

ARTS395-13S1 (C)**Semester 1****ARTS395-13A (C)****Starts Any time****ARTS395-13S2 (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 www.arts.canterbury.ac.nz/internship 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.

CLAS 401 Prescribed Texts: Greek and Latin

0.2500 EFTS

A variety of Greek and Latin literary texts, for translation and critical analysis.

P: Subject to approval of the Programme Coordinator.

CLAS401-13W (C)**Whole Year (S1 and S2)****CLAS 402 Unprepared Translation from Greek**

0.2500 EFTS

Unprepared translation from Greek.

P: Subject to approval of the Programme Coordinator.

CLAS402-13W (C)**Whole Year (S1 and S2)****CLAS 403 Unprepared Translation from Latin**

0.2500 EFTS

Unprepared translation from Latin.

P: Subject to approval of the Programme Coordinator.

CLAS403-13W (C)**Whole Year (S1 and S2)****CLAS 404 A Literary Subject**

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 Programme Coordinator.

CLAS404-13W (C)**Whole Year (S1 and S2)****CLAS 405 A Literary Subject**

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 Programme Coordinator.

CLAS405-13W (C)**Whole Year (S1 and S2)****CLAS 406 Historical Topic**

0.2500 EFTS

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 Programme Coordinator.

CLAS406-13W (C)**Whole Year (S1 and S2)****CLAS 407 Historical Topic: Roman Social History**

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: Subject to approval of the Programme Coordinator.

R: CLAS 325, CLAS 307

EQ: CLAS 407

CLAS407-13S1 (C)**Semester 1****CLAS 408 A Philosophical Topic**

0.2500 EFTS

Not offered in 2013

Students may discuss with individual members of staff particular and mutual areas of philosophical 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 Programme Coordinator.

CLAS 409 Special Topic: Roman Laughter

0.2500 EFTS

P: Subject to approval of the Programme Coordinator.

CLAS409-13S2 (C)**Semester 2****CLAS 411 Special Topic in Ancient Literature and Culture: Concepts of Art and Literature from Homer to Aristotle**

0.2500 EFTS

P: Subject to approval of the Programme Coordinator.

R: CLAS 326

CLAS411-13S2 (C)**Semester 2**

CLAS 412 Greek and Roman Theatre
0.2500 EFTS**Not offered in 2013**

Studies in text and the theory of performance.

P: Subject to approval of the Programme Coordinator.

R: DRAM 403 (in 2001), TAFS 403

EQ: TAFS 403

CLAS 414 Special Topic: Roman Architecture
0.2500 EFTS**Not offered in 2013**

This course explores the tremendous architectural achievements of the Romans from the 2nd century BC-4th century AD. The course will focus on a variety of architectural forms (arches and domes to bridges and sewers) and will also examine some of the cultural and historical factors underlying the Romans' success as architects.

P: Subject to approval of the Programme Coordinator.

CLAS 415 Prescribed Texts: Greek
0.2500 EFTS

A variety of Greek texts, for translation and critical analysis.

P: Subject to approval of the Programme Coordinator.

CLAS415-13W (C) Whole Year (S1 and S2)

CLAS 416 Prescribed Texts: Latin
0.2500 EFTS

A variety of Latin texts, for translation and critical analysis.

P: Subject to approval of the Programme Coordinator.

CLAS416-13W (C) Whole Year (S1 and S2)

CLAS 450 Historiography in the Ancient World
0.2500 EFTS

A survey of Greek and Roman historians from Herodotus and the Logographers to Livy and Tacitus.

P: Subject to approval of the Programme Coordinator.

CLAS450-13W (C) Whole Year (S1 and S2)

CLAS 452 Greek Law
0.2500 EFTS**Not offered in 2013**

A concentrated look at Greek legal texts and law codes in the original, with side-glances at Greek society and religion.

P: Subject to approval of the Programme Coordinator.

CLAS 453 Research Essay
0.2500 EFTS

A substantial piece of work on a particular topic.

P: Subject to approval of the Programme Coordinator.

CLAS453-13W (C) Whole Year (S1 and S2)

CLAS453-13CY (C) Cross Year

CLAS 460 Approaches to Classical Studies
0.2500 EFTS

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 Programme Coordinator.

CLAS460-13S1 (C) Semester 1

CLAS 480 BA (Hons) Essay
0.2500 EFTS

A substantial piece of work on a particular topic.

P: Subject to approval of the Programme Coordinator.

CLAS480-13W (C) Whole Year (S1 and S2)

CLAS 690 MA Thesis
1.0000 EFTS

P: Subject to approval of the Programme Coordinator.

CLAS690-13A (C) Starts Any time

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

CLAS 790 Classics PhD
1.0000 EFTS

P: Subject to approval of the Programme Coordinator.

CLAS790-13A (C) Starts Any time

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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Communication Disorders

Department of Communication Disorders

CMDS 111 Introduction to Developmental Communication Disorders

15 Points 0.1250 EFTS

The mechanisms and development of normal communication in children and developmental communication disorders.

CMDS111-13S1 (C) Semester 1

CMDS 112 Introduction to Acquired Communication Disorders

15 Points 0.1250 EFTS

This course will introduce students to adult neurogenic communication disorders and other speech and language disorders in adult populations.

CMDS112-13S2 (C) Semester 2

CMDS 161 Anatomy and Physiology of the Speech and Hearing Mechanism

15 Points 0.1250 EFTS

Study of the anatomy and physiology of the speech and hearing mechanism, including the auditory, respiratory, phonatory, articulatory, and nervous systems.

R: CMDS 261.

CMDS161-13S1 (C) Semester 1

CMDS 221 Linguistics and Language Acquisition

15 Points 0.1250 EFTS
Introduction to 1) the structure of the English language, with an emphasis on developing practical analytical skills; and 2) speech and language development in typically-developing children, with a focus on the preschool years.

C: CMDS 231 or LING 207

CMDS221-13S1 (C) Semester 1

CMDS 222 Language Disorders in Children

15 Points 0.1250 EFTS
Introduction to childhood language disorders, with a focus on the preschool period, including description, theory, assessment, diagnosis, intervention, and treatment evaluation.

P: CMDS 221

CMDS222-13S2 (C) Semester 2

CMDS 231 Clinical Phonetics

15 Points 0.1250 EFTS
Study of phonetic and phonemic transcription using the International Phonetic Alphabet and the relationship between articulatory phonetics, acoustic phonetics and speech perception.

CMDS231-13S1 (C) Semester 1

CMDS 232 Speech Sound Disorders

15 Points 0.1250 EFTS
The study of the assessment and treatment of articulation and phonological disorders.

P: CMDS 231

CMDS232-13S2 (C) Semester 2

CMDS 242 Introduction to Audiology

15 Points 0.1250 EFTS
This course aims to provide the student with foundation knowledge in audiology and the audiologist's role in the diagnosis and management of hearing and balance disorders; and to develop competency in hearing screening audiometry and the interpretation of basic audiometric data in paediatric and adult audiology.

CMDS242-13S1 (C) Semester 1

CMDS 262 Neurosciences

15 Points 0.1250 EFTS
Introduction to brain mechanisms and disorders of neurogenic origin.

CMDS262-13S2 (C) Semester 2

CMDS 281 Observation and Clinical Practice 1

15 Points 0.1250 EFTS
Introduction to clinical observation in a variety of settings; application of theory in therapy.

CMDS281-13S1 (C) Semester 1

CMDS 282 Clinical Practice 2

15 Points 0.1250 EFTS
Introduction to concepts in clinical assessment and case management practices for individuals and groups.

CMDS282-13S2 (C) Semester 2

CMDS 320 Spoken and Written Language Disorders in Education

15 Points 0.1250 EFTS
Further study in childhood language disorders, focusing on the assessment and treatment of school-aged children with language impairment.

P: CMDS 222 (SPTH 222) and CMDS 232 (SPTH 232)

CMDS320-13S1 (C) Semester 1

CMDS 351 Fluency Disorders

15 Points 0.1250 EFTS
Introduction to the clinical management of adults and children who stutter, including the clinical measurement of stuttering, the design of stuttering treatments, and the application of empirical and theoretical literature to clinical practice.

P: CMDS 262

CMDS351-13S2 (C) Semester 2

CMDS 363 Motor Speech Disorders

15 Points 0.1250 EFTS
The study of motor speech disorders in adults and children, including the neurophysiological and anatomical substrates for speech production, diagnostic differentiation of types of motor speech disorders, assessment procedures, assessment procedures and treatment planning.

P: CMDS 262

CMDS363-13S2 (C) Semester 2

CMDS 365 Dysphagia and Related Disorders - Diagnosis

15 Points 0.1250 EFTS
The study of anatomy, physiology and neuroanatomy of normal deglutition, the nature and characteristics of swallowing disorders, the methods for the evaluation of dysphagia in adults and children, the medical conditions associated with dysphagia such as aspiration pneumonia, tracheostomy and other complicating factors.

P: CMDS 262

CMDS365-13S1 (C) Semester 1

CMDS 367 Voice Science and Disorders

15 Points 0.1250 EFTS
Fundamentals of voice production, laryngeal pathophysiology, voice and resonance disorders, voice therapy, and vocal measurement.

P: CMDS 262

CMDS367-13S2 (C) Semester 2

CMDS 369 Aphasia and Related Disorders

15 Points 0.1250 EFTS
The study of acquired language disorders following stroke, traumatic brain injury, and progressive brain conditions.
P: CMDS 262

CMDS369-13S1 (C) Semester 1

CMDS 381 Clinical Practice 3

15 Points 0.1250 EFTS
Supervised off-campus roster in an educational or health setting across the country.
P: CMDS 281 and CMDS 282

CMDS381-12SU2 (C) Summer (Nov 12)

CMDS 382 Clinical Practice 4

15 Points 0.1250 EFTS
Supervised clinical practice in a variety of settings.
P: CMDS 281 (SPTH 281) and CMDS 282 (SPTH 282)

CMDS382-12SU2 (C) Summer (Nov 12)

CMDS 410 Cultural and Ethical Issues

15 Points 0.1250 EFTS
P: CMDS 381, CMDS 382.

CMDS410-13S1 (C) Semester 1

CMDS 442 Aural Rehabilitation

15 Points 0.1250 EFTS
This course will provide an overview of ecological, interactive approaches to preventing and/or minimizing limitations on everyday living resulting from impairment in auditory function. Students will obtain an elementary knowledge of current clinical practices in hearing aid fitting, cochlear implants, assistive devices, and hearing protection.

CMDS442-13S2 (C) Semester 2

CMDS 461 Advanced Topics in Speech and Language Disorders

15 Points 0.1250 EFTS
Advanced study in specialised areas of speech and language such as cleft palate and augmentative and alternative communication.

CMDS461-13S1 (C) Semester 1

CMDS 462 Evaluating Research for Clinical Practice

15 Points 0.1250 EFTS
Advanced study of current topics in communication disorders, including critically appraising the research literature and generating an original research report on a clinical topic of interest to the student.

CMDS462-13S2 (C) Semester 2

CMDS 465 Dysphagia and Related Disorders: Management

15 Points 0.1250 EFTS
Advanced study of swallowing biomechanics as they relate to rehabilitation management of dysphagia: rehabilitation and compensation of swallowing disorders in adults and children, maximising communication and swallowing in

tracheotomised and ventilated patients, documentation and report writing, and nutritional management.

P: CMDS 365 (SPTH 365)

CMDS465-13S1 (C) Semester 1

CMDS 482 Clinical Practice 5

15 Points 0.1250 EFTS
Clinical practice in a variety of settings consolidating the relationship between theory and therapy and enskilling students to become independent.

P: CMDS 381 (SPTH 381) and CMDS 382 (SPTH 382)

CMDS482-12SU2 (C) Summer (Nov 12)

CMDS482-13S1 (C) Semester 1

CMDS 484 Clinical Practice 6

30 Points 0.2500 EFTS
Supervised practicum that fosters independent practice, sharpens the student's analytical and communication skills, and provides a supported introduction to translating theory and empirical research into practice in an educational or health setting.

P: CMDS 381, CMDS 382.

CMDS484-12SU2 (C) Summer (Nov 12)

CMDS484-13S2 (C) Semester 2

CMDS 490 Research Project

30 Points 0.2500 EFTS
A special project researching some aspect of communication sciences and disorders. The project is carried out under the guidance of a supervisor.

P: Subject to approval of the Head of Department.

CMDS490-13W (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.

CMDS 605 Advanced Clinical Practicum, Supervision and Administration

0.1250 EFTS
This course will prepare postgraduate students to supervise other professionals and monitor programmatic efficacy as administrators in speech-language settings.

CMDS605-13W (C) Whole Year (S1 and S2)

CMDS605-13CY (C) Cross Year

CMDS 695 MSc Thesis (Clinical)

0.8750 EFTS

P: Subject to approval of Head of Department.

CMDS695-13A (C) Starts Any time

Thesis must be completed within 12 months (fulltime) and may be started in either the summer at the end of Year 1, or the first semester of Year 2, finishing in either the second semester of Year 2 or the summer of Year 2, respectively.

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

CMDS 696 MSc Thesis (Non-Clinical)

0.9100 EFTS

P: Subject to approval of the Head of Department.

CMDS696-13A (C) Starts Any time

Thesis must be completed within 12 months (fulltime) and may be started in either the summer at the end of Year 1, or the first semester of Year 2, finishing in either the second semester of Year 2 or the summer of Year 2, respectively.

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

CMDS 790 Speech and Language Sciences PhD

1.0000 EFTS

CMDS790-13A (C) Starts Any time

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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Computational and Applied Mathematics

Department of Mathematics and Statistics

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.

CAMS 449 Research Project

0.2850 EFTS

P: Subject to approval of the Head of Department.

CAMS449-13W (C) Whole Year (S1 and S2)

CAMS 690 MSc Thesis

1.0000 EFTS

P: Subject to approval of the Head of Department.

CAMS690-13A (C) Starts Any time

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

CAMS 790 Computational and Applied Mathematics PhD

1.0000 EFTS

P: Subject to approval of the Head of Department.

CAMS790-13A (C) Starts Any time

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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Computer Engineering

Department of Electrical and Computer Engineering

ENCE 260 Computer Systems

15 Points 0.1250 EFTS

An introduction to computer programming in C, computer architecture, and embedded systems.

P: COSC 121, COSC 122 and 15 points of Mathematics or Statistics or MSC1 110; or subject to the approval of the Dean of Engineering and Forestry

R: ENEL 206; both COSC 208/ENCE 208 and COSC 221/ENCE 221

ENCE260-13S2 (C) Semester 2

ENCE 360 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: ENCE 260.

R: COSC 321

RP: COSC 110, COSC 261, COSC 262.

ENCE360-13S2 (C) Semester 2

ENCE 361 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: ENCE 260

R: ENEL 353, ENEL 323, COSC 361, ELEC 361, ENEL 340

ENCE361-13S1 (C) Semester 1

ENCE 362 Digital Electronics

15 Points 0.1250 EFTS

An introduction to logic theory and its application to the analysis, synthesis and simulation of digital logic circuits.

An introduction to logic devices and the digital assumption made of switching analogue circuits. Also covered is the implementation of circuit designs using a hardware description language with specific application to the design of ALUs and simple microprocessors.

P: ENCE 260, ENEL 270
R: ENEL 353 or ENEL 340

ENCE362-13S2 (C) Semester 2

ENCE 461 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: ENCE 361
R: ENEL 429

ENCE461-13S1 (C) Semester 1

ENCE 462 Advanced Computer Architecture

15 Points 0.1250 EFTS

An advanced course on logic theory and its application to the analysis, synthesis and simulation of digital logic circuits with application to computer architecture. An intermediate level coverage of computer architectures; including execution architectures: superscalar, VLIW/EPIC and DSPs; memory architectures, including cache design; instruction architectures. Practical implementation of computer architectures using a hardware description language with specific application to the design of microprocessors.

P: ENCE 362
R: ENEL 429

ENCE462-13S2 (C) Semester 2

ENCE 463 Embedded Software Engineering

15 Points 0.1250 EFTS

Software engineering practice and methods for embedded systems, focused around state machines as a unifying formalism for understanding software, hardware, and systems. Embedded software requirements, specification, and analysis. Principles of embedded software architecture and design. Design of concurrent systems. Testing and analysis techniques for embedded systems.

P: ENCE 361, Subject to the approval of the Dean of Engineering and Forestry.

R: ENEL 428

ENCE463-13S2 (C) Semester 2

Computer Science

Department of Computer Science and Software Engineering

COSC 110 Working in a Digital World

15 Points 0.1250 EFTS

An introduction to computers, how they work, and what they can and cannot do. Software packages for word

processing, spreadsheets, databases are taught. This is a non-advancing course.

COSC110-13S1 (C) Semester 1

COSC 121 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 normally required as preparation for Cosci22 and as a prerequisite for all 200-level CSSE courses.

R: COSC 123

COSC121-13S1 (C) Semester 1

COSC121-13S2 (C) Semester 2

COSC 122 Introduction to Computer Science

15 Points 0.1250 EFTS

An introduction to Computer Science, including algorithms, computability, complexity and object-oriented programming. Cosci21 is normally required as preparation for Cosci22.

R: COSC 112, CMIS 112

COSC122-13S2 (C) Semester 2

COSC 241 Special Topic

15 Points 0.1250 EFTS

Not offered in 2013

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

COSC 242 Special Topic

15 Points 0.1250 EFTS

Not offered in 2013

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

COSC 243 Special Topic

15 Points 0.1250 EFTS

Not offered in 2013

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

COSC 261 Foundations of Computer Science

15 Points 0.1250 EFTS

This course deals with fundamental concepts and techniques in Computer Science. The first part includes probabilistic methods of Computer Science. The second part deals with automata theory. The third part consists of graph theory and compilers.

P: (1) COSC 121; (2) COSC 122; (3) 15 points from Mathematics, Statistics, Engineering Mathematics or MSCI 110. MATH 101 is not acceptable. MATH 120/STAT 101 are strongly recommended.

R: COSC 202, COSC 222

COSC261-13S1 (C) Semester 1

COSC 262 Algorithms

15 Points

0.1250 EFTS

This course teaches a range of fundamental algorithms and analyses their complexity.

P: (1) COSC 121; (2) COSC 122; (3) 15 points from Mathematics, Statistics, Engineering Mathematics or MSC1 110. MATH 101 is not acceptable. MATH 120/STAT 101 are strongly recommended.

R: COSC 202, COSC 229, COSC 329

COSC262-1351 (C)**Semester 1****COSC 264 Data Communications and Networking**

15 Points

0.1250 EFTS

This course covers principles of theory and practice of data communications and networking, including information-theoretic fundamentals of communication.

P: (1) COSC 121; (2) COSC 122; (3) 15 points from Mathematics, Statistics, Engineering Mathematics or MSC1 110. MATH 101 is not acceptable. STAT 101 is strongly recommended.

R: COSC 227, COSC 231

COSC264-1352 (C)**Semester 2****COSC 265 Relational Database Systems**

15 Points

0.1250 EFTS

An introduction to database systems, database design, relational databases and database management systems.

P: (1) COSC 121 or INFO 125 or ACIS 125; (2) 15 points from Mathematics, Statistics, Engineering Mathematics or MSC1 110. MATH 101 is not acceptable. MATH 120/STAT 101 are strongly recommended.

R: COSC 205, COSC 226

COSC265-1352 (C)**Semester 2****COSC 362 Data and Network Security**

15 Points

0.1250 EFTS

The course provides a study of the principles and practice of security for both stored and transmitted information.

It addresses the fundamental principles of computer and network security and covers: Internet Threats and Hacker Techniques, Firewall Security, Intrusion Detection Systems, Authentication, Encryption Technologies, Public Key Management, Virtual Private Networks and Wireless Network Security.

R: COSC 264 or ACIS 333 or INFO 333

R: COSC 332, ACIS 323, AFIS 323

RP: It is recommended that COSC 362 and COSC 364 be taken together, particularly as preparation for students wishing to proceed to post-graduate study and the post-graduate diploma in Science: Computer Security and Forensics

COSC362-1352 (C)**Semester 2****COSC 363 Computer Graphics**

15 Points

0.1250 EFTS

The course focuses on all aspects of fundamental computer graphics, including 2D/3D object representations, transformations, modelling and rendering algorithms. The course also aims to provide a good foundation for OpenGL

programming, which is a widely accepted standard for developing graphics applications.

P: (1) ENCE 260, (2) 30 points of 200-level Computer Science, (3) 30 points of EMTH or 15 points of MATH/STAT (MATH 120 recommended). MATH 101 is not acceptable.

RP: COSC 110, COSC 261, ENCE 260

COSC363-1351 (C)**Semester 1****COSC 364 Internet Technology and Engineering**

15 Points

0.1250 EFTS

The course studies important Internet technologies and protocols, including: IPv6, IP routing, IP Multicasting, and Quality-of-Service frameworks. Furthermore, the course introduces students to the theoretical underpinnings (Markov chain and queueing models) and practical work in network performance modelling and traffic engineering.

P: (1) COSC 264; (2) COSC 261; (3) 30 points of EMTH or 15 points of MATH/STAT (STAT 101 recommended). MATH 101 is not acceptable.

R: COSC 331, COSC 327

RP: It is recommended that COSC 362 and COSC 364 be taken together, particularly as preparation for students wishing to proceed to postgraduate study and the postgraduate Diploma in Science: Computer Security and Forensics.

COSC364-1351 (C)**Semester 1****COSC 366 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) 44 points of 200-level Computer Science (2) 30 points from Mathematics, Statistics or Engineering Mathematics or 15 points of Math/Stat (MATH 120 recommended) and COSC 222. MATH 101 is not acceptable. (3) approval of Head of Department.

RP: COSC 110, COSC 208, COSC 225, COSC 226, COSC 324

COSC366-125U2 (C)**Summer (Nov 12)****COSC 367 Computational Intelligence**

15 Points

0.1250 EFTS

This course introduces Computational Intelligence computing concepts and demonstrates how they are used to solve problems that are normally difficult or intractable by conventional means. Topics covered include artificial intelligence programming languages, logic representations, biologically inspired algorithms and computer vision. Practical work will focus on solving sample problems using these various techniques.

P: COSC 262

R: COSC 329, COSC 230

COSC367-1352 (C)**Semester 2****COSC 368 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 ENCE 260), (2) 30 points of EMTH or 15 points of MATH/STAT (MATH 120 recommended). MATH 101 is not acceptable.

R: COSC 225

RP: From 2011 onwards: COSC 110, COSC 263.

COSC368-1352 (C) Semester 2

COSC 371 Special Topic

15 Points

0.1250 EFTS

Not offered in 2013

P: Subject to approval by the Head of Department.

R: COSC 364

COSC 372 Special Topic

15 Points

0.1250 EFTS

Not offered in 2013

P: Subject to approval by the Head of Department.

R: COSC 367

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.

COSC 401 Machine Learning

0.1250 EFTS

A study of computational processes that underlie learning in both humans and machines. Topics will include inductive, analytical and case-based learning, genetic algorithms and neural networks.

P: Subject to approval of the Head of Department. BE(Hons) students must have completed COSC 329.

COSC401-1351 (C) Semester 1

COSC 403 Distributed Systems: Model Driven Architecture and Standards

0.1250 EFTS

Not offered in 2013

An introduction to techniques for designing and constructing distributed computing systems.

P: Subject to the approval of the Head of Department

COSC 407 Wireless and Mobile Network Security

0.1250 EFTS

Not offered in 2013

This course will provide a study of the key security systems and architectures used in wireless and mobile personal, local, broadband and wide area networks.

P: Subject to approval of the Head of Department.

COSC 408 Modern Telecommunication Networks (Selected Topics)

0.1250 EFTS

Not offered in 2013

This course is on selected topics in the area of broadband multimedia (integrated services) telecommunication networks, including design, performance and management issues of networks in wired, wireless and/or optical technologies.

P: Subject to approval of the Head of Department. BE(Hons) students must have completed COSC 331.

COSC 409 Text Compression

0.1250 EFTS

Not offered in 2013

This course covers the theory and practice of compression, with an emphasis on lossless techniques.

P: Subject to approval of the Head of Department.

COSC 410 Simulation: Modelling and Analysis

0.1250 EFTS

This course gives an up-to-date treatment of the main aspects of quantitative discrete-event simulation as a tool of performance analysis of such stochastic dynamic systems as computer and telecommunication networks.

P: COSC 261, COSC 364 or Subject to the approval of the Head of Department.

COSC410-1352 (C) Semester 2

COSC 411 Advanced Topics in HCI

0.1250 EFTS

Not offered in 2013

An introduction to research in human-computer interaction.

P: Subject to approval of the Head of Department. BE(Hons) students must have completed COSC 363.

COSC 413 Advanced Topics in Algorithms

0.1250 EFTS

Advanced topics in algorithms, such as NP-completeness and intractability, randomized algorithms, number theoretic algorithms for cryptology, parallel algorithms, etc.

P: Subject to approval of the Head of Department.

COSC413-1352 (C) Semester 2

COSC 414 Visual Language, Hypermedia and the Web

0.1250 EFTS

Not offered in 2013

P: Subject to approval of the Head of Department.

COSC 415 Information and Software Visualisation

0.1250 EFTS

P: Subject to approval of the Head of Department.

COSC415-1352 (C) Semester 2

COSC 418 Wireless Ad-hoc and Sensor Networks

0.1250 EFTS

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

COSC418-1352 (C) Semester 2**COSC 419 Security/Forensics Project**

0.1250 EFTS

Not offered in 2013

This course will provide the skills to investigate and implement and/or test aspects of security and/or forensics.

P: Subject to approval of the Head of Department.

COSC 420 Intelligent Tutoring Systems

0.1250 EFTS

This course addresses the use of artificial intelligence to create computer-based intelligent tutoring systems.

P: Subject to approval of the Head of Department.

COSC420-1351 (C) Semester 1**COSC 421 Special Topic: Advanced Topics in Security**

0.1250 EFTS

This course will cover the wide-ranging issues on advanced topics in computer, network, and various systems security. Students will learn from security fundamentals to advanced topics in security.

P: COSC 362 or subject to approval by Head of Department.

COSC421-1351 (C) Semester 1**COSC 422 Advanced Computer Graphics**

0.1250 EFTS

This course of study covers some of the advanced concepts in computer graphics that are especially useful for three-dimensional modeling, rendering, animation and games programming. The main topics discussed include spatial partitioning and visibility algorithms, rational basis splines, quaternion interpolations, and fractal terrain modeling. Current research areas in graphics and games programming are also discussed.

P: Subject to approval of the Head of Department. BE(Hons) students must have completed COSC 363.

COSC422-1352 (C) Semester 2**COSC 423 Programming Languages**

0.1250 EFTS

Not offered in 2013

P: Subject to approval of the Head of Department.

COSC 424 Secure Software

0.1250 EFTS

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.

COSC424-1352 (C) Semester 2**COSC 425 Computer and Network Forensics A**

0.1250 EFTS

Not offered in 2013

This covers the social, legal and technical aspects of cyber crime as well as the forensic techniques required to combat them.

P: Subject to approval of the Head of Department.

COSC 426 Augmented Reality

0.1250 EFTS

P: Subject to approval of the Head of Department.

COSC426-1352 (C) Semester 2**COSC 427 Advanced Object Oriented Design**

0.1250 EFTS

This course investigates the question "what makes a good OO design?" with emphasis on OO design principles, heuristics and patterns.

P: Subject to approval of the Head of Department. BE(Hons) students must have completed COSC 324.

COSC427-1351 (C) Semester 1**COSC 428 Computer Vision**

0.1250 EFTS

This course covers advanced techniques and algorithms used in real-time computer vision and image processing design.

P: Subject to approval of the Head of Department.

COSC428-1351 (C) Semester 1**COSC 429 Cybersecurity**

0.1250 EFTS

Not offered in 2013

This course will provide an introduction to the threats and challenges for the use of information systems in society, government and the military.

P: Subject to Head of Department approval.

COSC 430 Information Security and Access Management

0.1250 EFTS

Not offered in 2013

This course covers the processes involved in the management of computer/network systems including security policies, risk assessment, management, certification and accreditation, system audit, and security in two-party outsource arrangements.

P: Subject to Head of Department approval.

COSC 433 Special Topic: Computer Science Education

0.1250 EFTS

This course introduces students to the many issues surrounding Computer Science education, and to techniques for developing and evaluating new CS teaching and outreach resources.

P: Entry subject to Head of Department approval.

COSC433-13S1 (C) Semester 1

COSC 434 Special Topic

0.1250 EFTS

P: Subject to Head of Department approval.

COSC434-13S1 (C) Semester 1

COSC 435 Computer and Network Forensics B

0.1250 EFTS

Not offered in 2013

This course provides students with an understanding of Digital (Computer) Forensics, Network Forensics including theory, tools and application of forensic techniques.

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

RP: COSC 332 or equivalent

COSC 439 Special Topic

0.1250 EFTS

Not offered in 2013

P: Subject to Head of Department approval.

COSC 460 Research Project

0.2500 EFTS

P: Subject to approval of the Head of Department.

COSC460-13W (C) Whole Year (S1 and S2)

COSC460-13CY (C) Cross Year

COSC 471 Special Topic

0.1250 EFTS

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

COSC471-13S1 (C) Semester 1

COSC 472 Special Topic

0.1250 EFTS

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

COSC472-13S1 (C) Semester 1

COSC 473 Special Topic

0.1250 EFTS

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

COSC473-13S2 (C) Semester 2

COSC 474 Special Topic

0.1250 EFTS

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

COSC474-13S2 (C) Semester 2

COSC 475 Independent Course of Study

0.1250 EFTS

P: Subject to approval of the Head of Department.

COSC475-13W (C) Whole Year (S1 and S2)

COSC475-13S1 (C) Semester 1

COSC475-13S2 (C) Semester 2

COSC 476 Independent Course of Study

0.5000 EFTS

Not offered in 2013

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

COSC 486 Research Project

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: COSC 400-level courses

COSC486-12SU2 (C) Summer (Nov 12)

COSC 690 M.Sc. Thesis

1.0000 EFTS

P: Subject to approval of the Head of Department.

COSC690-13A (C) Starts Any time

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

COSC 695 M.Com. Thesis

1.0000 EFTS

P: Subject to approval of the Head of Department.

COSC695-13A (C) Starts Any time

COSC 790 Computer Science PhD

1.0000 EFTS

P: Subject to approval of the Head of Department.

COSC790-13A (C) Starts Any time

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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Construction Management

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.

ENCM 610 Construction Management

0.1250 EFTS

Organisational roles, organisational influences, human resource systems and strategies, analysis of trends in construction management.

P: Subject to approval of Programme Director.

ENCM610-13A (C) Starts Any time

ENCM 620 Construction Procurement and Contract Administration

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.

ENCM620-13A (C) Starts Any time

ENCM 630 Project Management, Planning and Control Techniques

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.

ENCM630-13A (C) Starts Any time

ENCM 640 Strategic Management in Construction

0.1250 EFTS

Concepts of strategic planning and internal analysis, market-based view, corporate and international influences, analysis of trends in the construction industry.

P: Subject to approval of Programme Director.

ENCM640-13A (C) Starts Any time

ENCM 650 Cost Engineering

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

ENCM650-13A (C) Starts Any time

ENCM 670 Special Topic in Construction Management

0.1250 EFTS

P: Subject to approval of the Director of Studies.

ENCM670-13A (C) Starts Any time

ENCM 671 Special Topic in Construction Management

0.1250 EFTS

P: Subject to approval of the Director of Studies.

ENCM671-13A (C) Starts Any time

ENCM 672 Independent Course of Study

0.1250 EFTS

P: Subject to approval of the Director of Studies.

ENCM672-13A (C) Starts Any time

ENCM 673 Independent Course of Study

0.1250 EFTS

P: Subject to approval of the Director of Studies.

ENCM673-13A (C) Starts Any time

ENCM 682 Research Project

0.2500 EFTS

Special project in Construction Management Engineering.

P: Subject to approval of Programme Director.

ENCM682-13A (C) Starts Any time

ENCM 690 Construction Management Thesis

1.0000 EFTS

Construction Management Thesis.

P: Subject to approval of Programme Director.

ENCM690-13A (C) Starts Any time

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

Cultural Studies

School of Humanities

CULT 109 The Screening of America: Film and Media in US Culture

0.1250 EFTS

15 Points

Not offered in 2013

This course surveys American motion pictures and television, with particular emphasis on their commercial orientation, their technical and stylistic distinctiveness, and their massive sociocultural influence in America and worldwide.

R: AMST 109

EQ: AMST 109

CULT 110 i<3 Facebook: Media and the Culture of Everyday Life

0.1250 EFTS

15 Points

This course introduces forms of media analysis informed by cultural studies, an approach that deals with the circulation of discourses and representations in popular media such as television, video games and the Internet. We will explore

what cultural studies can tell us about media, particularly with regard to such issues as the construction of gender, race, class, sexuality and other facets of identity; popularity and the cultures of everyday life; cultural contestation over meanings, knowledge and norms; and cultural dimensions of globalisation.

R: AMST 109 in 2010 or 2011

CULT110-1352 (C) Semester 2

CULT 131 Stand Proud: The Making of Aotearoa / NZ Music

15 Points 0.1250 EFTS

Not offered in 2013

CULT 132 Cultural Studies: Reading Culture

15 Points 0.1250 EFTS

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: ENGL 132

EQ: ENGL 132

CULT132-1352 (C) Semester 2

CULT 201 Media Audiences

15 Points 0.1250 EFTS

How does our media consumption shape our opinions, actions, identities and lives? And how do audiences influence the production and circulation of media? 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, 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 tools, and videogames), and content (including violence, reality television, romance novels, news, and political 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.

P: COMS 101 or COMS 102. Students without this prerequisite but with at least a B average in 60 points in relevant courses may enter the course with the approval of the Programme Coordinator.

R: COMS 201

EQ: COMS 201

CULT201-1351 (C) Semester 1

CULT 202 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: Either 15 points of ENGL at 100-level with a B pass, or 30 points of ENGL at 100-level, or any 45 points from the Arts Schedule.

R: ENGL 232

EQ: ENGL 323

CULT202-1352 (C) Semester 2

CULT 204 Popular Culture and Media Convergence

15 Points 0.1250 EFTS

This course introduces key theories and concepts designed to understand contemporary media from a variety of culturalist perspectives. Its emphasis is on television and its audiences, but it will refer to film and other media as well.

P: Any 30 points at 100-level, or with the approval of the Programme Coordinator.

R: AMST 214, AMST 330, AMST 333, CINE 211, DRAM 211

EQ: AMST 214, CINE 211, DRAM 211

CULT204-1352 (C) Semester 2

CULT 206 From Bambi to Kong: The Animal in American 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: Either 15 points of ENGL at 100-level with a B pass, or 30 points of ENGL at 100-level, or any 45 points from the Arts Schedule.

R: AMST 236, AMST 331, ENGL 243, GEND 213, GEND 311, and ENGL 349

EQ: AMST 236, GEND 213, ENGL 243

CULT206-1352 (C) Semester 2

CULT 212 Geographies of Development

15 Points 0.1250 EFTS

This course provides students with an understanding of development geography and critical geopolitics. It considers the spatial imaginaries through which we know and map the so-called third world and the material consequences of these imaginaries for people, places and politics.

P: Any 30 points from the Arts schedule at 100-level or with approval of the CULT Programme Director.

R: GEOG 212

EQ: GEOG 212

CULT212-1352 (C) Semester 2

CULT 301 Culture, Power, Bodies: Understanding the Popular

30 Points 0.2500 EFTS

Not offered in 2013

This course examines a series of debates about popular culture that have fueled the development of Cultural Studies and American Studies in recent years. We will explore a variety of empirical examples from popular culture as well as a range of theoretical resources. This is a reading and discussion based course with no final exam.

P: One of CULT 201, CULT 202, CULT 203, CULT 204, CULT 205, CULT 206, CULT 212.

R: AMST 327, AMST 431, ENGL 317 (after 2011)

EQ: AMST 327, ENGL 317

CULT 302 Takahi: Colonisation

30 Points 0.2500 EFTS

This course focuses on understanding colonisation and its impact on Māori and other indigenous societies. Topics

include: initial contact; disease; missionaries, God vs Gods; "guns and sex", musket wars vs traditional taua, wars with indigenous peoples; sovereignty, settler governments vs Kingitanga and Kotahitanga; changes in education, economics and social life; leaders, rebels, fugitives, prophets, pacifists and kupapa; assimilation and institutionalisation; resistance and political movements; dependence and welfare; the psychological and emotional violence of colonialism and dispossession. Comparative histories North America, Trail of Tears, Wounded Knee; Australia, Stolen Generations, Deaths in Custody.

P: Any 15 points in Māori and Indigenous Studies or their double-coded equivalents or 30 points at 200-level in HIST or Ancient History (CLAS 214, CLAS 215, CLAS 216, CLAS 217) or ANTH or RELS. Students without these prerequisites but with 75 points in appropriate courses may enter the course with the approval of the Head of Department.

R: MAOR 317, RELS 322, HIST 366
EQ: MAOR 317, RELS 322, HIST 366

CULT302-13S2 (C) Semester 2

CULT 303 Sexualities in Culture

30 Points 0.2500 EFTS

Not offered in 2013

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: 15 points of ENGL or CULT at 200-level with a B pass, or 30 points of ENGL or CULT at 200-level, or any 45 points at 200-level from the Arts Schedule.

R: AMST 332, ENGL 332, GEND 307, GEND 211
EQ: ENGL 332

CULT 304 African American Women Writers

30 Points 0.2500 EFTS

This course addresses the complex interaction of race, gender and class and how this is represented in both literary and non-literary texts by and/or about African American women.

P: 15 points of AMST or ENGL or CULT at 200-level; or any 30 points at 200-level from the Arts Schedule with the approval of the Programme Coordinator.

R: AMST 231, AMST 311, FMST 304, GEND 304
EQ: AMST 311, GEND 304

CULT304-13S2 (C) Semester 2

CULT 311 Film and Modernity

30 Points 0.2500 EFTS

Not offered in 2013

An investigation into avant-garde and popular constructions of modernity in film and into major modes of modernist performance. Practical work required.

P: Both TAFS 241 and TAFS 242; or both TAFS 216 and TAFS 217, or appropriate courses in film studies or related areas as approved by the Programme Coordinator.

R: TAFS 311
EQ: TAFS 311

CULT 316 The European City

30 Points 0.2500 EFTS

This course explores the history, culture and present-day transformations of major cities in Europe such as London, Paris, Berlin, Moscow and St Petersburg.

P: Any 30 points at 200-level.

R: EULC 202, EULC 302, FREN 215, FREN 315, GRMN 235, GRMN 335, GRMN 345, RUSS 222, RUSS 322

EQ: EULC 302

CULT316-13S2 (C) Semester 2

CULT 317 Cultures of the Supernatural

30 Points 0.2500 EFTS

This course examines shifting representations of the supernatural and paranormal in American popular culture post 1960s through an analysis of fiction, folklore, visual culture, and gothic and neo-pagan subcultures.

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.

R: AMST 313, ENGL 313, AMST 413, ENGL 413, CULT 417
EQ: AMST 313, ENGL 313

CULT317-13S1 (C) Semester 1

CULT 320 Space, Place and Power

30 Points 0.2500 EFTS

This course introduces students to advanced perspectives in cultural geography, focusing in particular on the theorization of space, place and power. The course covers postmodern, poststructuralist and postcolonial geographies, geographies of 'race' and gender, indigenous geographies, geographies of consumption and relational geographies.

P: Any 30 points from the Arts schedule at 200-level or with approval of the Programme Director.

R: GEOG 320
EQ: GEOG 320

CULT320-13S2 (C) Semester 2

CULT 321 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: 30 points in CINE at 200-level, or equivalent preparation with the approval of the Programme Coordinator.

R: CINE 301
EQ: CINE 301

CULT321-13S2 (C) Semester 2

CULT 322 Documentary: From the Margins to the Mainstream

30 Points 0.2500 EFTS

Not offered in 2013

This course examines the artistic and political principles that govern the representation of reality in contemporary documentary film.

P: 30 points in CINE at 200-level, or equivalent preparation with the approval of the Programme Coordinator.

R: CINE 302

EQ: CINE 302

CULT 333 The Exotic

30 Points 0.2500 EFTS

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: 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.

R: ENGL 307, CULT 307, ENGL 333

EQ: ENGL 333

CULT333-13S1 (C) Semester 1**ARTS 395 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: Special application and interview, with permission of Internship Director.

RP: Students should attend UC Careers CV writing and Interview skills workshops prior to submitting internship application.

ARTS395-13S1 (C) Semester 1**ARTS395-13A (C) Starts Any time****ARTS395-13S2 (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 www.arts.canterbury.ac.nz/internship 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.

CULT 401 Cultural Studies, Globalisation and New Technologies

0.2500 EFTS

This course explores various dimensions of the cultural politics of globalisation and new media technologies in the early 21st century. We will examine how new cultural, technological and economic developments and practices are disrupting and reconfiguring established social and spatial boundaries and formations. This course provides students with conceptual tools necessary for understanding the forces that are driving the current rapid transformation of our world, and the efforts of different cultural agents to participate in and shape these transformations. Topics include environmentalism and post-environmentalism, war and conflict in the digital age, new media cultures, illegal global economies, global Indigenous media movements, and consumption as/and cultural activism.

P: Subject to approval of the Programme Director.

R: GEOG 411

EQ: GEOG 411

CULT401-13S2 (C) Semester 2**CULT 402 Cultural Studies, Supervised Research**

0.2500 EFTS

An introduction to postgraduate-level research in Cultural Studies.

P: Subject to approval of the Programme Director.

CULT402-13S1 (C) Semester 1**CULT402-13S2 (C) Semester 2****CULT 411 Special Topic**

0.2500 EFTS

P: Subject to approval of the Programme Director.

CULT411-13W (C) Whole Year (S1 and S2)**CULT 412 Special Topic**

0.2500 EFTS

P: Subject to approval of the Programme Director.

CULT412-13W (C) Whole Year (S1 and S2)**CULT 413 Special Topic**

0.2500 EFTS

P: Subject to approval of the Programme Director.

CULT413-13S1 (C) Semester 1**CULT 414 Special Topic**

0.2500 EFTS

P: Subject to approval of the Programme Director.

CULT414-13S2 (C) Semester 2

CULT 415 Special Topic

0.2500 EFTS

P: Subject to approval of the Programme Director.

CULT415-13S2 (C) Semester 2

CULT 690 MA Thesis

1.0000 EFTS

P: Subject to approval of the Programme Director.

CULT690-13A (C)

Starts Any time

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

CULT 790 Cultural Studies PhD

1.0000 EFTS

P: Subject to approval of the Programme Director.

CULT790-13A (C)

Starts Any time

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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Development Studies

School of Education Studies and Human Development

DEVP 201 Development Studies

15 Points

0.1250 EFTS

Not offered in 2013

This course studies global inequalities in wealth and power, introduces students to debates about their causes and considers possible solutions.

P: INCO 102 or any 45 points.

R: INCO 214, INCO 221

Digital Humanities

School of Humanities

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.

DIGI 401 Introduction to Digital Humanities

0.2500 EFTS

This course provides a foundation in Digital Humanities, providing students with core historical, methodological, theoretical and applied skills. The course introduces Digital Humanities as a field, explaining its purpose and the reasons for its recent rise to prominence internationally. Students are then offered overviews of a broad range of Digital Humanities practices and techniques, and instruction in elementary programming. The emphasis is on establishing digital skills that students can take into other

courses of study and their future workplaces, blending the humanities tradition with 21st century technologies.

P: Subject to approval of the Programme Coordinator.

DIGI401-13S1 (C)

Semester 1

DIGI 402 The Digital Modern: Humanities and New Media

0.2500 EFTS

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.

DIGI402-13S2 (C)

Semester 2

DIGI 480 Research Essay

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.

DIGI480-13S2 (C)

Semester 2

Diplomacy and International Relations

School of 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.

DIPL 401 Diplomacy and International Relations

0.2500 EFTS

Diplomacy and International Relations begins with an introduction to the main paradigms in international relations, in their original forms and in some of their latest iterations. It then turns to analysis and practice of foreign policy and diplomacy.

P: Subject to approval of the Head of School.

DIPL401-13W (C)

Whole Year (S1 and S2)

DIPL 402 International Law 0.2500 EFTS
 P: Subject to approval of the Head of School.
DIPL402-13W (C) Whole Year (S1 and S2)

DIPL 404 Japan and the World Economy 0.2500 EFTS
Not offered in 2013
 P: Subject to approval of the Head of School.
 R: HIST 434

DIPL 405 Special Topic: Great Works in Political Science 0.2500 EFTS
 This is a seminar on the the great works in political science that have fundamentally changed the way we understand politics and society. In this course, students will engage with the basic ideas and concepts that have forged the study of contemporary study of politics.

P: Subject to approval of the Head of School.
 R: POLS 417
 EQ: POLS 417
DIPL405-13W (C) Whole Year (S1 and S2)

DIPL 406 International Politics During the Nuclear Age 0.2500 EFTS

Not offered in 2013
 How the spectre of thermonuclear war affected international politics during the Cold War period.
 P: Subject to approval of the Head of School.
 R: HIST 444, EURO 419
 EQ: EURO 419

DIPL 407 New Zealand Foreign Policy 0.2500 EFTS
Not offered in 2013
 An advanced course on New Zealand's external relations.
 P: Subject to approval of the Head of School.
 R: POLS 404
 EQ: POLS 404

DIPL 408 Special Topic: Non-Proliferation 0.2500 EFTS
Not offered in 2013
 This is a course about weapons of mass destruction (WMD), the tools developed to prevent their proliferation, and the efforts of tHead of Schoole devoted to eliminating them.
 P: Subject to approval of the Head of School.
 R: POLS 424
 EQ: POLS 424

DIPL 410 International Politics: Mediation 0.2500 EFTS
Not offered in 2013
 An advanced course that examines mediation as a major method of international conflict management.

P: Subject to approval of the Head of School.
 R: POLS 414
 EQ: POLS 414

DIPL 411 The Politics of Oceania 0.2500 EFTS
Not offered in 2013
 This course will focus on the politics and internal conflict of selected countries in Oceania.

P: Subject to approval of the Head of School.
 R: POLS 415, PACS 404
 EQ: POLS 415, PACS 404

DIPL 414 Political Economy of Communication 0.2500 EFTS

Not offered in 2013
 This paper addresses the nature of the relationship between media and communications systems on the one hand and the broader social structure of society on the other. Major issues in the paper will examine how differential access to material and cultural resources shape our media and communications choices and with what implications for social relations locally and globally.

P: Subject to approval of the Head of School.
 R: COMS 404

DIPL 415 Nationalism and Ethnic Conflict in Post-Soviet Space 0.2500 EFTS

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 Head of School.
 R: RUSS 412, EURO 415, EURO 420
 EQ: EURO 420, RUSS 412
DIPL415-13W (C) Whole Year (S1 and S2)

DIPL 417 World Politics 0.2500 EFTS
Not offered in 2013
 P: Subject to approval of the Head of School.
 R: POLS 409
 EQ: POLS 409

DIPL 418 The Politics of Human Rights in a Globalized World 0.2500 EFTS

Not offered in 2013
 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. Topics

include cultural relativism vs. universal norms, economic vs. political rights, and individual vs. group rights.

P: Subject to Approval of the Head of School.

R: POLS 405/420, DIPL 409, ILAP 662

RP: Some international relations background would be helpful.

EQ: POLS 420

DIPL 419 International Political Economy
0.2500 EFTS

Not offered in 2013

International political economy is an approach to the understanding rather than a strict discipline in itself. IPE offers us a chance to approach a number of issues from an interdisciplinary perspective. Increasing focus is not being directed at the connections between the historical, political, economic, sociological phenomena resulting in more complex and more accurate, descriptions, interpretations, and explanations of international political and economic events. In this course, you will be acquainted with the extant perspectives and approaches to the study of international political economy. In particular, you will be introduced to how these approaches (competing and rivals at times) are used to study national and international problems, institutions, and structures that have captured the interests of political scientists, economists, and policy makers.

P: Subject to approval of the Head of School.

R: POLS 417

DIPL 420 World Politics: Nationalism, Ethnicity and Globalisation in Asia and Australasia
0.2500 EFTS

Among the most powerful forces in politics today are ethnicity, nationalism, and globalisation. These forces shape the ways we think about ourselves and the world around us. They shape political interactions between groups and between nations. And they are the driving forces behind many of the conflicts in the world today. In this course we will explore the nature of ethnicity, nationalism, and globalisation, and some of the factors that create and perpetuate them. We also examine the interactions between these powerful forces, and the ways that interaction shapes identity and politics. Will globalisation tame ethnic and nationalist impulses? Or will it exacerbate ethnic and nationalist conflict?

P: Subject to approval of the Head of School.

R: POLS 408

EQ: POLS 408

DIPL420-13W (C) Whole Year (S1 and S2)

DIPL 421 Advanced International Law
0.2500 EFTS

P: Subject to approval of the Head of School.

DIPL421-13W (C) Whole Year (S1 and S2)

DIPL 423 Special Topic: Comparative European Political Institutions
0.2500 EFTS

Not offered in 2013

This course is an in-depth examination of the continuities and changes in the development of European political institutions. We examine the development of the modern European nation-state, modern party system, its electoral institutions, the impact of economic institutions, and the transformation of national politics resulting from regional integration.

P: Subject to approval of the Head of School.

R: POLS 423

DIPL 424 Policy Issues in Biotechnology and Human Security
0.2500 EFTS

Not offered in 2013

This comparative policy course analyzes a range of biotechnologies via the lenses of global health, environmental sustainability and national/global security. Specific issues include bioterrorism/bioweapons, human enhancement via technology, genetic engineering, nanotechnology and science diplomacy. We will discuss, through various national and regional examples including North America, Africa and the Asia-Pacific, how new scientific knowledge is applied, exploited, and controlled, and how its applications are shaped. Students will also be introduced to the theory and practice of public policy analysis in an international context. No scientific training is necessary to enrol in this course.

P: Subject to approval of the Head of School.

R: POLS 416

EQ: POLS 416

DIPL 425 Intervention and International Relations
0.2500 EFTS

The course will engage students in the study of contemporary theoretical issues in international relations. It will examine recent contributions from the traditionally dominant theoretical traditions of realism and liberalism, before moving on to a study of more recent trends in international relations theory, such as the liberal internationalist "Third Way" politics of Tony Blair, the neo-conservatism of the Bush Administration, and critical theories that offer alternative perspectives. In second semester, a variety of case studies will be studied in order to more fully demonstrate the interplay of theory and practice in international relations.

P: Subject to approval of Head of School.

R: POLS 422

EQ: POLS 422

DIPL425-13W (C) Whole Year (S1 and S2)

DIPL 426 International Politics: The European Union as a Global Actor
0.2500 EFTS

The course examines the current issues associated with European Union foreign policy. In terms of the EU's international relations, a broad range of activities - from

explicit foreign policy issues to Head of School concerning trade, development, human rights and third country agreements - are discussed. The course has been divided into 4 sections as follows: Section 1 - Common Foreign and Security Policy (CFSP); Section 2 - European Security and Defence Policy (ESDP); Section 3 - European Union Development Policy; and Section 4 - European Union Foreign Policy Case-studies. The pedagogical objective of the course is to blend a strong contemporary empirical knowledge with appropriate theoretical approaches that will enable students to effectively undertake academic analysis.

P: Subject to approval of the Head of School.

R: POLS 410, EURO 410

EQ: POLS 410, EURO 410

DIPL426-13W (C) Whole Year (S1 and S2)

DIPL 427 Political Theory: Ethics and International Relations

0.2500 EFTS

This course examines justice and liberty in such a way as to include contemporary topics such as international resource distribution, just and unjust wars, and justice and indigenous people.

P: Subject to approval of the Head of School.

R: POLS 401, ILAP 663

EQ: POLS 401

DIPL427-13W (C) Whole Year (S1 and S2)

DIPL 428 Issues in Modern European History

0.2500 EFTS

This course focuses on some of the most important and controversial debates in the historiography of twentieth-century 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. Students will cover five debates in all: four core debates (The Origins of World War I; The Paris Peace Conference; The Origins of World War II in Europe; The Holocaust) as well as one optional debate, cHead of Schools by the students themselves.

P: Subject to approval of Head of School.

R: HIST 449

EQ: HIST 449

DIPL428-13W (C) Whole Year (S1 and S2)

DIPL 429 Issues in New Zealand History

0.2500 EFTS

This course examines a variety of issues in New Zealand history, cHead of Schools 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 School.

R: HIST 443

EQ: HIST 443

DIPL429-13W (C) Whole Year (S1 and S2)

DIPL 430 Special Topic: Public Diplomacy

0.2500 EFTS

Not offered in 2013

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 paper reviews the emerging theoretical literature on public diplomacy and a number of case studies on how different states have used public diplomacy in recent years to improve their international image.

P: Subject to approval of the Programme Coordinator.

R: COMS 420, POLS 430

EQ: COMS 420, POLS 430

DIPL 431 World Politics: Transforming Asian Societies

0.2500 EFTS

China is likely to be the most dominant power in our region in the not too distant future. This course focuses on key aspects of Chinese politics such as ethnic politics, the role of the media, human rights, and China's foreign policy to help students develop the necessary China-knowledge to interpret and interact with China in the current era in all its complexity.

P: Subject to approval of the Head of School.

R: POLS 411

EQ: POLS 411

DIPL431-13W (C) Whole Year (S1 and S2)

DIPL 441 Special Topic: Justice in The Nation-State: Rights, Equality and Substate National Claims

0.2500 EFTS

Not offered in 2013

The cosmopolitan liberal-egalitarian state, dreamt of by philosophers in the late twentieth century has been profoundly influential, creating an explosion of interest in the philosophy of concepts like rights, individual choice, duty, trust, legitimacy, and fairness. With the 'return of the state' in political science, and the emerging substate national and ethnic conflict across the world, it has become clear the liberal egalitarian theory helps us theorise too few of the political problems of the day, from the Rwandan tragedy, to the Yugoslav collapse, to indigenous claims. This course charts the aspirations of contemporary political philosophy both to grapple with both the larger demands of ideal justice and the very real problems inside the state. It charts then, the seminal texts in the field of justice, the state, & substate national claims (as a rubric encompassing nationalism, ethnicity, indigeneity), and so includes discussions of recent work on normative theories of liberalism, self-determination, freedom, territory, group rights, historic injustice & nationalism.

P: Subject to approval of Programme Coordinator.

R: POLS 421, ILAP 671

EQ: POLS 421, ILAP 671

DIPL 443 Politics and Markets: Neo-liberalism and Globalisation

0.2500 EFTS

Not offered in 2013

This course explores 'governance,' 'global governance,' and neoliberalism. 'Governance' asserts the possibility of governing without government—through, for example, markets, NGOs, or corporate self-regulation. The term 'governance' was rarely used in a political sense prior to 1990, but has since become ubiquitous. This development coincides with the rise of neoliberalism as the dominant approach to politics and policy at the national, regional, and global levels. In this course we explore the idea of governance and its relation to neoliberalism; how governance practices have developed; and whether governance is preferable to government. We examine the role of non-state actors (such as NGOs, corporations, expert committees) in governance at both the national and global levels. We examine the way power operates in governance and whether this is different from government. We study a wide range of governance activities, including the head of schools associated with consumer movements (such as 'ethical consumerism'), international aid NGOs, and international organisations such as the OECD, UN agencies, World Bank, IMF, and the International Standards Organisation.

P: Subject to approval of Programme Director.
R: POLS 403, ILAP 673
EQ: POLS 403

DIPL 480 Supervised Research Paper

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. Students are recommended to submit some potential research topics to the honours coordinator upon enrolment.

P: Subject to approval of the Programme Coordinator.

DIPL480-13W (C) Whole Year (S1 and S2)

Earthquake Engineering

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.

ENEQ 610 Engineering Seismology

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 Programme Director.

R: ENCI 617

ENEQ610-13A (C) Starts Any time

ENEQ 620 Advanced Geotechnical Earthquake Engineering

0.1250 EFTS

Earthquake-induced ground response and failure; Ground response effects on earthquake motion and soil-structure systems; Seismic behaviour of retaining walls, deep foundations, embankments and stability of slopes; Liquefaction of sands, including evaluation of the potential and consequences of liquefaction; Earthquake resistant design and mitigation of seismic effects in geotechnical engineering; All topics will be discussed through case histories of major earthquakes, design applications and advanced methods of analysis.

P: Subject to approval of the Head of Department or Programme Director.

R: ENCI 620

ENEQ620-13A (C) Starts Any time

ENEQ 640 Displacement-based Seismic Design of Damage-Resisting Concrete Structures

0.1250 EFTS

Alternative design philosophies and solutions for the seismic design of precast concrete structures. Introduction to PRESS-Technology and the hybrid (rocking-dissipative) system concept. Analysis and design criteria for frames and single or coupled walls. Introduction to and application of Displacement Based Design (DBD). Simplified modelling techniques using lumped plasticity approach. Connection between floor-diaphragm and lateral resisting systems. Displacement incompatibility: 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: ENCI 615

ENEQ640-13A (C) Starts Any time

ENEQ 641 Nonlinear Concrete Mechanics and Modelling Techniques

0.1250 EFTS

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.

ENEQ641-13A (C) Starts Any time

ENEQ 650 Advanced Steel and Composite Structures

0.1250 EFTS

Behaviour and design of steel members. Stability of frames. Limit state design rules. Earthquake resistant design. Design of braced frames.

P: Subject to approval of the Head of Department or Programme Director.

R: ENCI 611

ENEQ650-13A (C) Starts Any time

ENEQ 670 Structural Bridge Engineering

0.1250 EFTS

History of bridges, construction techniques for viaducts, grid decking and box girder systems, creep, shrinkage and differential temperature, lessons learn 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.

ENEQ670-13A (C) Starts Any time

ENEQ 680 Seismic Performance and Loss Estimation

0.1250 EFTS

Seismic performance and loss assessment of structural systems. Quantifying seismic hazard, seismic response, component damage, and component loss for specific structures as well as probabilistic frameworks to account for uncertainties. Introduction to loss optimization seismic design, and loss minimization techniques. 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.

ENEQ680-13A (C) Starts Any time

ENEQ 690 Earthquake Engineering M.E. Thesis

1.0000 EFTS

P: Subject to approval of the Head of Department or Programme Director.

ENEQ690-13A (C) Starts Any time

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ENEQ 691 Special topic in Earthquake Engineering

0.1250 EFTS

P: Subject to approval of the Head of Department or Programme Director.

ENEQ691-13A (C) Starts Any time

ENEQ 692 Special Topic in Earthquake Engineering

0.1250 EFTS

P: Subject to approval of the Head of Department or Programme Director.

ENEQ692-13A (C) Starts Any time

ENEQ 790 Earthquake Engineering PhD

1.0000 EFTS

P: Subject to approval of the Head of Department or Programme Director.

ENEQ790-13A (C) Starts Any time

Ecology

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.

ECOL 480 Project

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 BIOL 434-493.

P: Subject to approval of the Head of School.

ECOL480-13W (C) Whole Year (S1 and S2)

ECOL 690 MSc Thesis

1.0000 EFTS

P: Subject to approval of the Head of School.

ECOL690-13A (C) Starts Any time

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

ECOL 790 PhD Thesis

1.0000 EFTS

P: Subject to approval of the Head of School.

ECOL790-13A (C) Starts Any time

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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Economics

Department of Economics and Finance

ECON 104 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: ECON 199

ECON104-13S1 (C) Semester 1

ECON104-13S2 (C) Semester 2

ECON 105 Introduction to Macroeconomics

15 Points 0.1250 EFTS

Macroeconomic variables and their measurement. Aggregate supply and aggregate demand. Exchange rate policy. Monetary policy. Fiscal policy. Labour policy.

ECON105-13S1 (C) Semester 1

ECON105-13S2 (C) Semester 2

ECON 202 Intermediate Microeconomics with Calculus I

15 Points 0.1250 EFTS

ECON 202 is the first of two courses of a coordinated sequence of courses that introduce students to the three pillars of economic analysis (choice, scarcity, and coordination) and the mathematical techniques that economists use to represent these ideas (optimisation, equilibrium, and adding-up constraints). The sequence is largely devoted to "price theory", which is the analysis of the role that prices play in facilitating coordination in a market economy. ECON 202 introduces students to the modelling of consumer and firm choices.

P: ECON 104

C: MATH 102 or MATH 199

R: ECON 230 and ECON 231

ECON202-13S1 (C) Semester 1

ECON 203 Intermediate Microeconomics with Calculus II

15 Points 0.1250 EFTS

ECON 203 is the second of two courses of a coordinated sequence of courses that introduces students to the three pillars of economic analysis (choice, scarcity, and coordination) and the mathematical techniques that economists use to represent these ideas (optimisation, equilibrium, and adding-up constraints). The sequence is largely devoted to "price theory", which is the analysis of the role that price play in facilitating coordination in a market economy. ECON 203 looks at the coordination of consumer and firm choices through prices, including situations where such coordination may not result in desirable outcomes. It examines the role that imperfect information and strategic behaviour can play in determining economic outcomes.

P: ECON 202

R: ECON 230

RP: STAT 101

ECON203-13S2 (C) Semester 2

ECON 206 Intermediate Macroeconomics

15 Points 0.1250 EFTS

ECON 206 provides a basic understanding of the theoretical foundations of macroeconomics at the intermediate level. The course develops a coherent framework to understand the determination of macroeconomic variables such as national output, unemployment, inflation, interest rates, trade deficits, and exchange rates. This theoretical framework is used to interpret macroeconomic data and to analyze macroeconomic policy. The objective of this course is to help students think independently and critically about macroeconomic policies.

P: ECON 104 and ECON 105

R: ECON 201

ECON206-13S2 (C) Semester 2

ECON 207 Intermediate Microeconomics I

15 Points 0.1250 EFTS

ECON 207 is the first of two courses of a coordinated sequence of courses that provide a solid grounding in the theoretical and applied methods of microeconomics. The courses use the concepts of choice, the coordination by prices leading to equilibrium, and the evaluation of people's choices according to the criteria of economic efficiency and equity. ECON 207 uses these ideas to study consumer theory, producer theory, market equilibrium under perfect competition, labour markets, and choice under risk.

P: ECON 104

R: ECON 202, ECON 203, ECON 230, ECON 231

ECON207-13S1 (C) Semester 1

ECON 208 Intermediate Microeconomics II

15 Points 0.1250 EFTS

ECON 208 is the second of two courses of a coordinated sequence of courses that provide a solid grounding in the theoretical and applied methods of microeconomics. The courses uses the concepts of choice, coordination by prices leading to equilibrium, and evaluation of people's choices according to the criteria of economic efficiency and equity. ECON 208 looks at the coordination of consumer and firm choices through prices, including situations where such coordination may not result in desirable outcomes. It examines the role that imperfect information and strategic behaviour can play in determining economic outcomes.

P: ECON 202 or ECON 207

R: ECON 203, ECON 230, and ECON 231

ECON208-13S2 (C) Semester 2

ECON 212 Economic Statistics

15 Points 0.1250 EFTS

Not offered in 2013

Presentation and use of economic data. Index numbers, seasonal adjustment, forecasting and the business cycle.

P: (1) ECON 104 or ECON 105 (2) 15 points from STAT courses or MSC1 110

ECON 213 Introduction to Econometrics

15 Points 0.1250 EFTS

Simple and multiple regression, elementary time-series analysis, introduction to econometric modelling.

P: (1) ECON 104 or ECON 105 (2) 15 points from STAT.

RP: MATH 101 or Year 13 Math with Calculus. Students who have taken MSCI 110 instead of STAT 101 should contact the Department to discuss a waiver.

ECON213-13S1 (C) Semester 1**ECON 222 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: ECON 104

R: ECON 209

ECON222-13S1 (C) Semester 1**ECON 223 Introduction to Game Theory for Business, Science and Politics**

15 Points 0.1250 EFTS

ECON 223 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 105 points

ECON223-13S1 (C) Semester 1**ECON 224 Economics and Current Policy Issues**

15 Points 0.1250 EFTS

Economic principles and theory are used to analyse a variety of issues that are part of the current media discourse and are often the subject of government policy debate.

P: ECON 104

ECON224-13S2 (C) Semester 2**ECON 225 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 the Head of Schoole 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: ECON 104

ECON225-13S1 (C) Semester 1**ECON 321 Mathematical Techniques in Microeconomics**

15 Points 0.1250 EFTS

The course will discuss several of the principal mathematical tools that are now in standard use in microeconomic theory. The course builds upon the mathematics offered at stage 1, and upon the particular usages of mathematics in Intermediate Microeconomics. Above all, the objective is to equip students with the necessary toolkit to successfully tackle higher study in microeconomic theory, although an underlying objective is to get students to see the importance of some of the mathematical modelling that was used in intermediate microeconomics. Throughout, each of the mathematical techniques that is introduced will be supplemented with concrete examples of their use in microeconomics.

P: (1) ECON 230 or ECON 231 or ECON 202 or ECON 207; (2) MATH 108 or MATH 102 or MATH 199; (3) 15 points from STAT courses or ECON 212

R: MATH 201

ECON321-13S1 (C) Semester 1**ECON 322 Game Theory**

15 Points 0.1250 EFTS

An introduction to non-cooperative game theory and applications, covering static and dynamic games of complete and incomplete information.

P: (1) ECON 230 or ECON 231 or ECON 202 or ECON 207; (2) MATH 108 or MATH 102 or MATH 199; (3) 15 points from STAT courses or ECON 212

RP: ECON 203 or ECON 208

ECON322-13S2 (C) Semester 2**ECON 323 Time Series Methods**

15 Points 0.1250 EFTS

Analysis of sequentially collected data including data modelling and forecasting techniques.

P: (1) ECON 213 and ECON 202 or (2) ECON 213 and FINC 205

R: FINC 323, STAT 317

EQ: FINC 323, STAT 317

ECON323-13S2 (C) Semester 2**ECON 324 Econometrics**

15 Points 0.1250 EFTS

Advanced regression techniques. Estimation of simultaneous equations. Cross section methods.

P: (1) ECON 213 or STAT 213; and (2) MATH 102 or MATH 199

ECON324-13S1 (C) Semester 1**ECON 325 Macroeconomic Analysis**

15 Points 0.1250 EFTS

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) ECON 105; (2) ECON 203 or (ECON 208 and ECON 321)
R: ECON 201

ECON325-13S2 (C) Semester 2

ECON 326 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. International monetary arrangements.

P: (1) ECON 201 or ECON 206; (2) MATH 108 or MATH 102 or MATH 199

RP: ECON 230 or ECON 231 or ECON 202 or ECON 207

ECON326-13S1 (C) Semester 1

ECON 327 Economic Analysis of Law

15 Points 0.1250 EFTS

An introduction to the law of property and contracts as systems for allocating resources.

P: ECON 230 or ECON 231 or ECON 202 or ECON 207.

ECON327-13S1 (C) Semester 1

ECON 328 Topics in Law and Economics

15 Points 0.1250 EFTS

Not offered in 2013

Microeconomic and game theoretic analysis of the law of tort, criminal, family, employment and human rights law, and legal procedure.

P: ECON 230 or ECON 231 or ECON 203 or ECON 208.

ECON 329 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 230 or ECON 231 or ECON 202 or ECON 207.

ECON329-13S1 (C) Semester 1

ECON 330 Strategic Behaviour of Firms

15 Points 0.1250 EFTS

Not offered in 2013

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: ECON 230 or ECON 231 or ECON 203 or ECON 208.

ECON 331 Financial Economics

15 Points 0.1250 EFTS

The economics of finance with applications to asset valuation, corporate finance, and portfolio management.

P: Any two of (ECON 202, ECON 203, FINC 201 or FINC 205).

R: FINC 331

RP: MATH 103

EQ: FINC 331

ECON331-13S2 (C) Semester 2

ECON 332 Economics and Psychology

15 Points 0.1250 EFTS

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: ECON 202 or ECON 207

ECON332-13S2 (C) Semester 2

ECON 333 Experimental Economics

15 Points 0.1250 EFTS

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: ECON 230 or ECON 231 or ECON 202 or ECON 207

ECON333-13S2 (C) Semester 2

ECON 334 Labour Economics

15 Points 0.1250 EFTS

Not offered in 2013

Labour economics studies how workers and employers interact in firms, organizations, and markets. This course discusses the empirical relevance of non-standard preferences and boundedly rational behaviour for selected labour market issues, focusing on the psychology of incentives, labour supply and market behaviour.

P: ECON 230 or ECON 231 or ECON 202 or ECON 207.

RP: ECON 203 or ECON 208

ECON 335 Public Economics 1

15 Points 0.1250 EFTS

Not offered in 2013

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 203 or ECON 208 or (ECON 202 and ECON 224) or (ECON 207 and ECON 224) or ECON 230 or ECON 231

ECON 336 Public Choice

15 Points 0.1250 EFTS

The application of economic methodology to the analysis of government decision making. Constitutional Political

Economy; Collective Action; Agency relationships in government; Critiques and responses.

P: ECON 230 or ECON 231 or ECON 203 or ECON 208 or (ECON 202 and ECON 224) or (ECON 207 and ECON 224)
RP: ENGL 117 or an essay-based course.

ECON336-13S2 (C) Semester 2

ECON 337 Economic Evaluation in Health

15 Points 0.1250 EFTS

An introduction to the application of four key evaluative techniques used in the economic analysis of health and health care: risk-assessment; cost effectiveness analysis; cost-utility analysis (QUALYs); and cost benefit analysis.

P: ECON 230 or ECON 231 or ECON 202 or ECON 207.
RP: ENGL 117 or an essay-based course.

ECON337-13S1 (C) Semester 1

ECON 338 Health Economics Overview

15 Points 0.1250 EFTS

Not offered in 2013

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 230 or ECON 231 or ECON 202 or ECON 207

ECON 339 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 25 members, 400 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 105 points including ECON 104 and ECON 105 and at least 30 points above 100-level.

R: EURO 339

RP: ENGL 117 or an essay-based course.

EQ: EURO 339

ECON339-13SU1 (C) Summer (Jan 13)

ECON 340 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 202 or ECON 207

RP: ECON 105

ECON340-13S2 (C) Semester 2

ECON 341 Economics of Education

15 Points 0.1250 EFTS

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: ECON 202 or ECON 207

ECON341-13S2 (C) Semester 2

ECON 342 Economic History

15 Points 0.1250 EFTS

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) ECON 104 (2) ECON 105 (3) ECON 202 or ECON 207 or ECON 206

ECON342-13S2 (C) Semester 2

ECON 343 Economic Analysis of Intellectual Property

15 Points 0.1250 EFTS

Not offered in 2013

An economic analysis of intellectual property including both copyrightable and patentable intellectual property. This course will include detailed coverage of the effects on intellectual property of the recent introduction of digital technologies for copyrightable content.

P: ECON 230 or ECON 231 or ECON 203 or ECON 208.

RP: MATH 102 or MATH 199 or MATH 108

ECON 344 International Finance

15 Points 0.1250 EFTS

An introduction to international finance and open-economy macroeconomics. Topics covered include: the foreign exchange market; the behaviour of exchange rates; foreign exchange intervention and exchange rate regimes;

international capital flows; global financial crises; and the international monetary system.

P: ECON 201 or ECON 206 or FINC 203

R: ECON 210 and FINC 315 and FINC 344

RP: 15 points in MATH or Year 13 Math with Calculus

EQ: FINC 344

ECON344-1352 (C)

Semester 2

ECON 345 The Economics of Risk and Insurance

15 Points

0.1250 EFTS

The course will use the toolkit of intermediate microeconomics and basic mathematics to analyse the functioning of insurance markets. Attention will be given to an analysis of risk itself, and of consumers' preferences regarding risk and risk taking. This will lead to a full theoretical analysis of the demand for insurance. The course examines elements of the supply of insurance, and how risk pooling and sharing can lead to Pareto efficient outcomes. The basic fundamentals of premium calculation are also considered. Finally, the course looks at the case of asymmetric information in insurance markets.

P: Either (1) ECON 203 or (2) ECON 202 and FINC 205 or (3)

ECON 208 and MATH 102

EQ: FINC 345

ECON345-1351 (C)

Semester 1

ARTS 395 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: Special application and interview, with permission of Internship Director.

RP: Students should attend UC Careers CV writing and Interview skills workshops prior to submitting internship application.

ARTS395-1351 (C)

Semester 1

ARTS395-13A (C)

Starts Any time

ARTS395-1352 (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 www.arts.canterbury.ac.nz/internship 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.

ECON 601 Advanced Econometrics I

0.1250 EFTS

Not offered in 2013

This course will further your skills in practising econometrics, with an emphasis on cross-sectional (CS) and time-series cross-sectional (TSCS) data. The emphasis is on the 'front end' of research. That is, given data availability and a well-defined research question, what equation specifications/data transformations/econometric procedures should you employ to best address the research question? We will work out the 'front end' of 12 different research projects. You will be given (i) a research question and (ii) a description of a data set, and then have to decide how best to use that data to address the question.

P: ECON 324

ECON 602 Advanced Econometrics II

0.1250 EFTS

Not offered in 2013

R: ECON 402

ECON 603 Microeconomics I

0.1250 EFTS

A course that uses mathematical techniques to study optimal decision making. Topics covered include classical demand theory, choice under risk with general probability distributions, problems in efficient risk bearing, and the search problem when prices are risky.

ECON603-1351 (C)

Semester 1

ECON 604 Microeconomics II

0.1250 EFTS

Not offered in 2013

R: ECON 404

ECON 605 Macroeconomics I

0.1250 EFTS

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.

ECON605-1351 (C)

Semester 1

ECON 606 Macroeconomics II

0.1250 EFTS

Not offered in 2013

R: ECON 406

ECON 607 Contract Theory

0.1250 EFTS

Not offered in 2013

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.

ECON 632 Empirical Microeconomics

0.1250 EFTS

Not offered in 2013

R: ECON 432

ECON 633 Empirical Macroeconomics

0.1250 EFTS

Not offered in 2013

This course applies recent developments in time-series estimation techniques to macroeconomic issues and themes. The focus will be on testing important and often controversial issues in macroeconomics using appropriate estimation techniques. The course will include both theoretical and empirical content and real-world data will be used to demonstrate the practical usefulness of econometrics. Students will be required to use the computer package EViews 5.1.

ECON 641 Monetary Economics: Theory

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: Entry to any honours level course is subject to the approval of the Head of Department.

R: FINC 641

EQ: FINC 641

ECON641-13S2 (C)**Semester 2****ECON 642 Monetary Economics: Policy**

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.

R: ECON 442

ECON642-13S1 (C)**Semester 1****ECON 643 International Finance**

0.1250 EFTS

A study of key issues and analytical techniques in international finance. Topics covered include: current account imbalances; financial globalization and international capital flows; models of exchange rate determination; foreign exchange intervention and speculative attacks; currency and sovereign debt crises; and the role of international policy institutions like the IMF.

RP: ECON 344 or FINC 344

ECON643-13S2 (C)**Semester 2****ECON 652 Game Theory and Economics**

0.1250 EFTS

Not offered in 2013

R: ECON 452

ECON 653 Public Economics

0.1250 EFTS

The application of economic tools and methodology to the study of public decision-making. Why do we have government? How can we aggregate individual preferences to make social choices? How might political institutions influence such aggregation? In addressing these questions, topics examined include: the emergence of government; the effects of legislative structures on outcomes; the role of interest groups as compared to that of the median voter; rent-seeking; bureaucracy; regulation; and the size and scope of government.

R: ECON 453

ECON653-13S2 (C)**Semester 2****ECON 654 Industrial Organisation**

0.1250 EFTS

Not offered in 2013

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.

ECON 655 Environmental Economics

0.1250 EFTS

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?

R: ECON 455

ECON655-13S2 (C) Semester 2

ECON 656 Natural Resource Economics

0.1250 EFTS

Not offered in 2013

R: ECON 456

ECON 657 International Trade

0.1250 EFTS

Not offered in 2013

R: ECON 457

ECON 658 Health Economics

0.1250 EFTS

Not offered in 2013

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.

ECON 659 Development Economics

0.1250 EFTS

Not offered in 2013

R: ECON 459

ECON 663 Time Series and Stochastic Processes

0.1250 EFTS

Analysis of sequentially collected data including data modelling and forecasting techniques.

P: Subject to approval of the Head of Department.

EQ: STAT 456

ECON663-13S2 (C) Semester 2

ECON 664 Econometrics II-600

0.1250 EFTS

Advanced regression techniques. Estimation of simultaneous equations. Cross section methods.

P: Subject to approval of the Head of Department.

ECON664-13S1 (C) Semester 1

ECON 665 Welfare Economics

0.1250 EFTS

Welfare economics deals with the interaction between "positive economics" (ie, 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.

ECON665-13S1 (C) Semester 1

ECON 667 Behavioural Economics

0.1250 EFTS

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.

ECON667-13S2 (C) Semester 2

ECON 668 Experimental Economics

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.

ECON668-13S1 (C) Semester 1

ECON 669 Special Topic: Economics of Property Rights and Institutions

0.1250 EFTS

P: Subject to approval of the Head of Department.

ECON669-13S1 (C) Semester 1

ECON 678 Directed Readings in Economics I

0.1250 EFTS

P: Subject to approval of the Head of Department.

ECON678-13S1 (C) Semester 1

ECON678-13S2 (C) Semester 2

ECON 679 Directed Readings in Economics II

0.1250 EFTS

P: Subject to approval of the Head of Department.

ECON679-13S1 (C) Semester 1

ECON679-13S2 (C) Semester 2

ECON 680 Research Exercise

0.2500 EFTS

R: ECON 480

ECON680-13W (C) Whole Year (S1 and S2)

ECON 690 MA Thesis

1.0000 EFTS

P: Subject to approval of the Head of Department.

ECON690-13A (C) Starts Any time

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

ECON 695 MCom Thesis

1.0000 EFTS

P: Subject to approval of the Head of Department.

ECON695-13A (C) Starts Any time**ECON 790 Economics PhD**

1.0000 EFTS

P: Subject to approval of the Head of Department.

ECON790-13A (C) Starts Any time*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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Education

College of Education

Note: Timetable information for courses offered by the College of Education will be available at www.canterbury.ac.nz/courses from 6 October 2009. Information for initial teacher education and sport coaching programmes will be available at www.education.canterbury.ac.nz/coursegroups/.

ARTS 395 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: Special application and interview, with permission of Internship Director.

RP: Students should attend UC Careers CV writing and interview skills workshops prior to submitting internship application.

ARTS395-13S1 (C)**Semester 1****ARTS395-13A (C)****Starts Any time****ARTS395-13S2 (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 www.arts.canterbury.ac.nz/internship for more information.

ADTL 581 Core Skills and Knowledge for Adult Teaching

15 Points

0.1250 EFTS

The course develops the essential skills of adult teaching relevant to a variety of contexts. Participants are introduced to the theories and principles of adult teaching and some of the research which informs them, and to appropriate Treaty-based and inclusive practices. The course develops skills and knowledge in facilitation and group management.

It introduces the key themes woven through the Diploma, including experiential learning, modelling facilitation skills and approaches to teaching in adult education.

P: Subject to approval of the Qualifications Coordinator.

ADTL581-13T1 (C)**25 Feb 2013 - 05 May 2013****ADTL 682 Facilitating Adult Learning in Groups**

15 Points

0.1250 EFTS

This course aims to develop participants' understanding of group processes and their skills in group teaching, building effective groups, and managing issues of conflict and power within groups. Participants develop the skills and knowledge to enhance their leadership in adult teaching within a range of contexts.

P: Subject to approval of the Qualifications Coordinator.

ADTL682-13T2 (C)**04 Mar 2013 - 26 May 2013****ADTL 783 Course Design, Assessment and Evaluation**

15 Points

0.1250 EFTS

This course provides participants with the knowledge and skills to engage in curriculum development and review, and to design assessment and evaluation of programmes of learning for adults. The course enables participants to place their course design in a wider theoretical and research-informed framework as well as developing their skills in writing and presenting coherent curricula, courses, and assessments. This knowledge and skill is applicable to a range of adult teaching and learning environments including workplace learning.

P: ADTL 581. Subject to approval of the Qualifications Coordinator.

ADTL783-13T2 (C)**11 Mar 2013 - 18 Aug 2013****ADTL 784 Enhancing Performance as an Adult Educator**

15 Points

0.1250 EFTS

This course provides knowledge of the theoretical and conceptual frameworks to support critical thinking, critically reflective practice, and to enhance quality in adult teaching and learning. The course covers the common terminology, definitions and principles of critical thinking and quality in teaching. Participants will use these frameworks to develop their practice as adult educators.

P: Subject to approval of the Qualifications Coordinator.

ADTL784-13T4 (C)**15 July 2013 - 03 Nov 2013****ADTL 785 Adult Development, Learning and Transitions**

15 Points

0.1250 EFTS

This course offers a lifespan perspective on adult development, life and work transitions and learning. It provides an opportunity to study current research on adult development and learning. Participants apply selected learning and developmental theories exploring different workplace, cultural and life stage demands on adults and the impact of these on adult learning. This course focuses

on practical application of selected theories from these domains in participant's work and teaching environment.

P: Subject to approval of the Qualifications Coordinator.

ADTL785-13T2 (C) 18 Mar 2013 - 18 Aug 2013

ADTL 786 Professional Practice Project

15 Points 0.1250 EFTS

This course consolidates the key themes of the qualification within an individual professional practice project in the participant's work environment. Participants identify an appropriate learning activity/project to apply their learning from other courses in the Diploma to demonstrate their ability to link research-informed learning into practical application.

P: Subject to approval of the Qualifications Coordinator.

ADTL786-13A (C) Starts Any time

ADTL 787 Psychological Perspectives in Adult Learning

15 Points 0.1250 EFTS

This course provides both a theoretical and applied perspective for student, novice and experienced adult educators. It introduces psychological theories of learning as they pertain to the variety of contexts encountered by adult educators. Theories from the humanistic, behavioural, cognitive, social learning and socio-constructivist domains are examined, with an applied focus on the adult education domains of the participants. Drawing on current and recent research, new approaches to intelligence and motivation in adult learning are also explored.

P: Subject to Course Coordinator's approval.

ADTL787-13T4 (C) 19 Aug 2013 - 01 Dec 2013

ADTL 788 Current Issues in Adult Teaching and Learning

15 Points 0.1250 EFTS

In this course participants will trace the development of the field of adult teaching and learning, map the diversity of the sector and review up-to-date issues from a global and local perspective. They will also critically examine the issues, policies and practices appropriate to their own area of interest, and will be encouraged to explore literature that provokes futures thinking in adult teaching and learning.

P: Subject to Course Coordinator's approval.

ADTL788-13T4 (C) 09 Sep 2013 - 01 Dec 2013

CHCH 101 Special Topic: Rebuilding Christchurch - An Introduction to Community Engagement in Tertiary Studies

15 Points 0.1250 EFTS

Students taking this course will critically examine the concept of community engagement within tertiary studies and how this concept is being implemented in Australian, Canadian, New Zealand, U.K., and U.S. tertiary institutions. This course will integrate academic content on community engagement with students' previous field experiences in response to the Christchurch earthquakes. This will provide students with an overview of how many different fields

are contributing to our understanding of, response to, and mitigation of earthquake hazards in the Christchurch area.

CHCH101-13SU1 (C) Summer (Jan 13)

CHCH101-13S1 (C) Semester 1

COUN 675 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 Director, Health Sciences Centre.

R: EDEM 672

COUN675-13W (C) Whole Year (S1 and S2)

COUN675-13W (D) Whole Year (S1 and S2)

COUN 676 Professional Counselling Practice II

30 Points 0.2500 EFTS

This course aims to provide the context in which students can demonstrate their counselling practice at a professional level.

P: 1) Subject to approval of the Director, Health Sciences Centre 2) COUN 675: Professional Counselling Practice I; and COUN 678 OR HLTH 482 OR EDEM 678; and COUN 679 or EDEM 676 or HLTH 483; and EDEM 664, or CYPY 604 or EDUC 461 OR HLTH 481

R: EDEM 673

COUN676-13W (C) Whole Year (S1 and S2)

COUN676-13W (D) Whole Year (S1 and S2)

COUN 677 Contemporary Approaches to Counselling

15 Points 0.1250 EFTS

This course aims to enable students to develop knowledge of and experience with contemporary approaches to counselling.

P: 1) Subject to approval of the Director, Health Sciences Centre 2) Prerequisites or corequisites: COUN 678 or HLTH 482 or EDEM 678; and CYPY 604 or EDEM 664 or EDUC 461 or HLTH 481; and COUN 679 or HLTH 483 or EDEM 679.

EQ: HLTH 484

COUN677-13S2 (C) Semester 2

COUN677-13S2 (D) Semester 2

COUN 678 Theories of Group and Family Counselling

15 Points 0.1250 EFTS

This course aims to introduce students to the theories, principles and practices of working with groups, families, and wider systems.

P: Subject to approval of the Director, Health Sciences Centre.

R: EDEM 671

EQ: HLTH 482

COUN678-13S1 (C) Semester 1

COUN678-13S1 (D) Semester 1

COUN 679 Solution Focused Theory and Skills

15 Points 0.1250 EFTS

This course aims to introduce students to the theory and skills of a postmodern model of brief counselling called solution-focused counselling which aims to help clients identify and implement workable solutions to problems.

P: Subject to approval of the Director, Health Sciences Centre
R: EDEM 672

EQ: HLTH 483

COUN679-1351 (C) Semester 1

COUN679-1352 (D) Semester 2

COUN 697 Counselling Thesis

90 Points 0.7500 EFTS

P: Subject to approval of the Director, Health Sciences Centre

COUN697-13A (C) Starts Any time

COUN697-13A (D) Starts Any time

COUN 698 Professional Counselling Research Portfolio

90 Points 0.7500 EFTS

P: 1) Subject to approval of the Director, Health Sciences Centre 2) An approved Research Methods course, either EDEM 693, 697 or 698 3) COUN 675: Professional Counselling Practice I

COUN698-13A (C) Starts Any time

COUN698-13A (D) Starts Any time

ECED 101 Social and Cultural Studies in Education

15 Points 0.1250 EFTS

This course will introduce students to the socio-cultural contexts of education. In particular, this course addresses issues of power, justice and fairness with respect to inequalities in education. It considers education as it is mediated by factors such as class, gender, disability and ethnicity.

R: TEDU 101

ECED101-13X (D) 11 Feb 2013 - 14 July 2013

ECED 102 Child Development and Health

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. The course aims to provide students with an understanding of developmental processes through the consideration of cognitive, language, physical, emotional, and social development. The impact of health on infant, child, and adolescent development will also be considered.

R: TEDU 102

ECED102-13X (D) 11 Feb 2013 - 14 July 2013

ECED 103 Te Reo me nga Tikanga Māori

15 Points 0.1250 EFTS

This course will introduce students to te reo Māori me nga tikanga-a-iwi as a foundational knowledge and skill for the profession of teaching in Aotearoa New Zealand. Students will be introduced to key research and theory in

1st/2nd language acquisition & development, and related teaching approaches/methods. The course will contribute to an emerging understanding of the importance of a bilingual/bicultural learning context for learners, and how teachers can work effectively within these. Students will develop and strengthen their te reo Māori language proficiency and gather information from relevant sources, including research, to develop the initial knowledge-base and skills for teaching within tiriti based educational programmes.

ECED103-13X (D) 11 Feb 2013 - 14 July 2013

ECED 104 The Profession of Teaching and Teacher Identity

15 Points 0.1250 EFTS

This course which introduces students to what it means to be an early childhood teacher in early childhood and Aotearoa/New Zealand. It introduces students to the major threads, conceptual framework and founding documents of teacher education. The course includes a two-day Treaty of Waitangi workshop. 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 adults working with young children. This course will support students to articulate aspects of their developing philosophy of early childhood education.

R: TEPI 101

ECED104-13X (D) 11 Feb 2013 - 17 Nov 2013

ECED 105 Integrated Curriculum

15 Points 0.1250 EFTS

This course provides initial teacher education a student 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.

ECED105-13X (D) 29 July 2013 - 17 Nov 2013

ECED 106 Cultural Studies

15 Points 0.1250 EFTS

This course will begin to prepare early childhood students to become competent bicultural and intercultural early childhood professionals of Aotearoa New Zealand. Students will explore how the social contexts of New Zealand have shaped cultural identities, and will explore the tensions and understandings of living in a bicultural country with intercultural communities. The course will build on a range of theories and research which will allow strategies and practices in early childhood education to be examined. There will be a strong emphasis on successful learning

environments for children, families and whānau from diverse cultural backgrounds.

R: TEDU 105

ECED106-13X (D) 29 July 2013 - 17 Nov 2013

ECED 107 Infants and Toddlers

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.

R: TECE 106

ECED107-13X (D) 29 July 2013 - 17 Nov 2013

ECED 108 Professional Practice

15 Points 0.1250 EFTS

This is a course which focuses on integrating and applying the theoretical knowledge of Diploma courses in early childhood centres. The course provides students with opportunities to achieve competencies and demonstrate professional qualities.

ECED108-13X (D) 11 Feb 2013 - 17 Nov 2013

EDCL 714 Research in Children's Literature

18 Points 0.1500 EFTS

This course enables the student to identify the current state of knowledge in a selected area of children's literature and to answer a self-selected research question with reference to field-based methodologies.

P: EDCL 711, EDCL 712, EDCL 713

EDCL714-13W (D) Whole Year (S1 and S2)

EDCL 721 The Victorian Period in Children's Literature

18 Points 0.1500 EFTS

This course provides the opportunity for the student to explore in detail the key authors and genres of children's literature in the period of approximately 1850-1915, often identified as the "golden age" of children's literature. The student will identify the Head of Schoole issues that are particular to this period and have some currency in the modern period.

P: EDCL 711, EDCL 712, EDCL 713

EDCL721-13W (D) Whole Year (S1 and S2)

EDCL 726 The New Zealand Experience: a study of Contemporary New Zealand Literature for children

18 Points 0.1500 EFTS

Not offered in 2013

This course provides opportunities to explore the range, depth, and recent development of New Zealand writing for children. It covers a variety of genres, for example, historical fiction, fantasy, and realism. It concentrates on books first published or first re-issued from 1970 (1969 for Mahy picture books) to the present day.

P: EDCL 711, EDCL 712, EDCL 713

EDCL 727 Young Adult Fiction

18 Points 0.1500 EFTS

This course surveys a range of fiction written for young adults and will offer an understanding both of the distinct nature of the adolescent experience and aspects of youth culture which bear on reading "youth" fiction. Its focus will largely be on contemporary texts from the last twenty years from Britain and the United States; and from Australia and New Zealand.

P: EDCL 711, EDCL 712, EDCL 713

EDCL727-13W (D) Whole Year (S1 and S2)

EDCL 732 Children's Literature and the Curriculum

18 Points 0.1500 EFTS

Not offered in 2013

This course is designed to enable teachers to research the use of the transactional approach to reading in the classroom, using a variety of strategies in employing literature as a central feature of the classroom. Additionally, the child as reader is encouraged to develop a critical perspective on literary texts.

EDCL 733 Early Childhood and Children's Responses to Literature

18 Points 0.1500 EFTS

Not offered in 2013

The course explores, through a small investigation, the nature of reader response and the implications for tHead of Schoole who share story and books with infants, toddlers and young children, inclusive of children with special needs and abilities.

EDCL 735 The Moving Image and Children's Literature

18 Points 0.1500 EFTS

Not offered in 2013

This course is designed to examine the relationship between film/video and children's literature. For many children, the experience of story is received through the Moving Image. This course examines the issues associated with this phenomena, seeking to take a positive view of this reality. Further, the course participant will be able to develop film making skills through using basic animation techniques.

EDCL 736 Writing and Illustrating for Children

18 Points 0.1500 EFTS

This course provides the opportunity for the student to work through the process writing and/or illustrating for children. The course encourages the writer/illustrator to work through an idea from inception to product.

P: EDCL 711

EDCL736-13W (D) Whole Year (S1 and S2)

EDEC 263 Early Childhood Curriculum 2

20 Points 0.1667 EFTS

This is a 200-level compulsory course which extends students' theoretical and practical knowledge of early childhood curricula. It enables students to develop competence and confidence in planning integrated

curriculum experiences for infants, toddlers and young children.

P: EDEC 150

EDEC263-13YC (Y)

Full Year C

EDEC 265 Early Childhood Transitions

15 Points 0.1250 EFTS

This is a 200-level compulsory course that explores the historical contexts that have impacted on early childhood education and family and whānau. This course also considers individual children in transition to, from, and within early childhood services from birth to school entry. A sociocultural perspective will underpin the analysis of experiences of tHead of Schoole involved in or affected by children's transitions. There is an emphasis on the role the teacher takes in supporting children's transitions and the partnership between the teacher and the child's family and whānau

EDEC265-13YD2 (Y)

Year D Second Half

EDEC 349 Assessment for Learning in Aotearoa/New Zealand Early Childhood Settings

10 Points 0.0833 EFTS

The purpose of assessment is to give useful information about children's learning and development to teachers, infants, toddlers and young children and their families/whānau. There is a need for teachers to adopt a critical perspective in assessing infants, toddlers and young children's abilities in early childhood centre settings so that quality assessment procedures can be adopted and applied in diverse early childhood programmes. This course enables participants to reflect upon and investigate assessment issues and practices.

EDEC349-13YC1 (Y)

Year C First Half

EDEC 383 Education for Sustainability

15 Points 0.1250 EFTS

Education for Sustainability is a 300-level optional course which focuses on environmental and social justice issues. Using current research, holistic teaching and learning approaches and experiential activities, students explore practical ways to introduce education for sustainability concepts into the early childhood curriculum and centre management.

EDEC383-13YD2 (Y)

Year D Second Half

EDED 241 Child Development 2

15 Points 0.1250 EFTS

This is a 200-level compulsory course which focuses on students using theoretical knowledge of child development and research to reflect upon their own practices with infants, toddlers and young children in early childhood settings. In this course students will gain an overview of disability and develop an understanding of inclusion from within a social, cultural and political context. The course will increase students' awareness of the adult's role in providing for children's interests and abilities through investigation of the developmental and learning needs of infants, toddlers

and young children within the cultural context of Aotearoa/New Zealand

P: EDED 144

EDED241-13YC1 (Y)

Year C First Half

EDED 349 Research as a Practitioner

10 Points 0.0833 EFTS

Research as a Practitioner is a compulsory 300-level course which provides students with an understanding of an action research process; the significance of educational research for improving the quality of early childhood practice; the ethics of research with young children and research strategies which are particularly applicable to and useful for early childhood teachers. The assignment and course work has been developed to reflect the relationship between class time and in-centre practicum hours.

EDED349-13YC1 (Y)

Year C First Half

EDED 371 Inclusive Education 2

10 Points 0.0833 EFTS

This compulsory course develops knowledge about inclusive education in early childhood education including; identifying and removing barriers to a child's acceptance, participation and learning; reflecting on cultures, policies and practices that contribute to the inclusion and exclusion of children and their families in early childhood education. They will critically examine inclusion in early childhood within the social, cultural and political contexts of Aotearoa New Zealand. Students will develop further understanding of the attitudes, knowledge, and skills needed to ensure that all children and their families are included and supported in regular early childhood settings.

EDED371-13YD2 (Y)

Year D Second Half

EDEM 602 Turning Pedagogical Theory into Classroom Practice

30 Points 0.2500 EFTS

Not offered in 2013

This course concerns itself with developing practical pedagogical skills from theories of how people learn. It aims to explore dominant pedagogical or learning theories that have been proposed to explain how students learn and how they ought to be taught. The course concentrates on examining theoretical positions, developing units of work which exemplify positions on learning.

P: Subject to approval of the Head of School

R: EDTL 815

EDEM 603 Research Project in Learning, Teaching and Curriculum

30 Points 0.2500 EFTS

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.

EDEM603-13W (C) Whole Year (S1 and S2)

EDEM 606 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 Head of School.

EDEM606-13W (D) Whole Year (S1 and S2)

EDEM 607 Contemporary Issues in Literacy Education

30 Points 0.2500 EFTS

This paper 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: EDTL 834

EDEM607-13W (D) Whole Year (S1 and S2)

EDEM 609 Contemporary Issues in Mathematics Education

30 Points 0.2500 EFTS

This taught course begins by examining a range of current theoretical perspectives on numeracy. From these perspectives, frameworks and models for the teaching and learning of numeracy are critically examined and placed in a wider context of mathematics education, including historical, social and political issues. The course also critically analyses research literature and resources related to the teaching and learning of numeracy. The focus is on encouraging practitioners to develop a critical perspective on numeracy which they can relate to their teaching contexts in centres/schools.

P: Subject to approval of the Head of School.

R: EDTL 835

EDEM609-13W (D) Whole Year (S1 and S2)

EDEM 610 Teaching Drama in the Curriculum

30 Points 0.2500 EFTS

Not offered in 2013

Course participants will gain an in-depth knowledge of contemporary theory and practice to support their own teaching and capability in one or more areas of the arts. This course is intended for both specialist teachers and

generalist teachers in who want to deepen their knowledge of teaching drama.

P: Subject to approval of the Head of School.

R: EDTL 836

EDEM 611 Contemporary Issues in Curriculum and Diversity

30 Points 0.2500 EFTS

The course explores the ways in which the curriculum reflects the 'knowledge considered worth knowing' at a particular social and historical point in time. We critically engage with the extent to which both the intended and operational curriculum shape notions of learner difference and diversity, and can play a role in perpetuating the status quo in a society. The course also investigates agentive possibilities for engaging with learner difference and diversity within a range of curriculum contexts.

P: Subject to approval of the Head of School.

R: EDTL 840

EDEM611-13S1 (C) Semester 1

EDEM611-13S1 (D) Semester 1

EDEM 614 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 and experience with socio-cultural theories of assessment; narrative assessment approaches; national exemplars in special education, early childhood, primary and secondary settings; assessment and reporting against national standards in literacy and numeracy; and national assessment tools. There will be an opportunity for class members to pursue an assessment topic of their own interest. The course will adopt formative assessment practices to facilitate the learning interests of class members.

P: Subject to approval of the Head of School.

EDEM614-13S2 (C) Semester 2

EDEM614-13S2 (D) Semester 2

EDEM 616 Critical Literacies in Children's Literature and Media Texts

30 Points 0.2500 EFTS

This course examines embedded ideologies in the genre of myth, legend and folktale as represented in children's and young people's literature and film, inclusive of postmodern fractured fairytales and provides an opportunity to critically reflect on them. Having analysed a range of traditional stories from various critical perspectives, the course participant will develop a range of teaching/learning strategies, implement them with students and reflect on the nature of the experience and emerging issues.

EDEM616-13S2 (D) Semester 2

EDEM 617 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.

EDEM617-13S1 (D) Semester 1

EDEM 618 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.

EDEM618-13S2 (C) Semester 2

EDEM 620 Inclusive and Special Education

30 Points 0.2500 EFTS

This course is designed to provide students with knowledge of the diversity and challenges in inclusive and special education. The course will develop students' understanding of the history, philosophies, and policies relevant to inclusive and special education. Students will also study a range of assessment and teaching strategies appropriate for children with various types of special learning needs.

P: Subject to approval of the Head of School.

EDEM620-13S1 (C) Semester 1

EDEM620-13S1 (D) Semester 1

EDEM 622 Teaching and Learning in Inclusive Settings

30 Points 0.2500 EFTS

This course is for people working in school and/or community settings with children, adolescents, and adults who have developmental disabilities. The focus of the course is a critical review of the principles, practices and research which underpin the inclusive model of teaching, learning and support for people with developmental disabilities in education and community settings.

P: Subject to approval of the Head of School.

R: EDSN 755, EDTL 855

EDEM622-13S2 (C) Semester 2

EDEM622-13S2 (D) Semester 2

EDEM 624 Autism Spectrum Disorders

30 Points 0.2500 EFTS

This course is for people working in the school and/or community settings with children, adolescents and

adults who have Autism Spectrum Disorder or Asperger's Syndrome. The course includes a detailed study of the features and characteristics of Autism Spectrum Disorder and Asperger's Syndrome and a critical review and evaluation of the principles, practices and research related to the successful inclusion in education and community settings for people with Autism Spectrum Disorder and Asperger's Syndrome. Theories and treatments are evaluated and critiqued. Implications for family/whānau and the role of the family/whānau are explored and reviewed.

P: Subject to approval of the Head of School.

R: EDSN 766, EDTL 866

EDEM624-13S1 (D) Semester 1

EDEM 625 Challenging Behaviours: Positive and Effective Management

30 Points 0.2500 EFTS

The Response to Intervention (RtI) Model and School-Wide Positive Behaviour Support (SW-PBS) provide the overall structure to this course. Course participants will undertake a detailed study of the principles of applied behaviour analysis (ABA) and its application to children, youth and adults with various learning/behaviour difficulties in various settings. With a selected person, participants will undertake a functional assessment and analysis, plan, implement and monitor a learning/behaviour change programme based on ABA principles. The evidence-based literature on this topic will be reviewed and critiqued.

P: Subject to approval of the Head of School.

R: EDTL 852, EDSN 752

EDEM625-13W (C) Whole Year (S1 and S2)

EDEM625-13W (D) Whole Year (S1 and S2)

EDEM 627 e-Learning and Pedagogy: Effective Strategies for the Classroom

30 Points 0.2500 EFTS

The course focuses on developing a critical awareness of the pedagogical issues involved in the integration of information and communication technologies to support learning in early childhood, school and tertiary settings. Exemplars of curriculum based activities involving a variety of digital strategies will be related to theories of learning and relevant academic research. Participants will develop their digital skills as well as investigate, analyse and evaluate contemporary theories and predictions related to the effective use of technology in education.

P: Subject to approval of the Head of School.

R: EDTL 891

EDEM627-13S1 (D) Semester 1

EDEM 628 Best Practice in Online Teaching and Learning

30 Points 0.2500 EFTS

This course will help participants to structure an online environment that delivers content appropriately, fosters online collaboration and supports the learner. The course will provide participants with an opportunity to carry out an extended independent online teaching project, and to enhance both their professional practice and the theoretical understandings which inform that practice by undertaking

an action research project which investigates their online practices.

P: Subject to approval of the Head of School.

R: EDTL 894

EDEM628-13W (D) Whole Year (S1 and S2)

EDEM 629 Teaching Meets Technology: Reading and Planning Research

30 Points 0.2500 EFTS

Not offered in 2013

This course will engage participants in an online community while exploring issues pertinent to learning, teaching and researching in virtual contexts. Participants will critique research literature related to e-pedagogies, technologies, educational design, institutional strategies, and learner support. The course will examine methodologies and strategies for researching in virtual environments, and will equip participants to design their own professional enquiry.

P: Subject to the approval of Head of School.

R: EDTT 801, EDTT 802

EDEM 630 Change with Digital Technologies in Education

30 Points 0.2500 EFTS

This course is designed to study change with digital technologies in education. In this course, students will discover principles and approaches that prompt complex changes affecting society and education today and explore their roles in leadership and change. This course has three complementary elements: technology diffusion, shared leadership and models of change. Students will lead online seminars, conduct field observation and engage in project work to prompt and understand change within their own contexts. The course aims to help each student gain experience as a change agent using digital technologies reflectively and responsibly to support educational change.

P: Subject to the approval of Head of School.

EDEM630-13S2 (D) Semester 2

EDEM 631 Foundations of Language Acquisition and Learning

30 Points 0.2500 EFTS

This course extends the professional knowledge-based 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 Head of School.

R: Enrolment in PGDipEd or M.Ed./Subject to Approval by Head of School.

EDEM631-13S1 (D) Semester 1

EDEM631-13S1 (C) Semester 1

EDEM 632 Languages Learning: Context and Curriculum

30 Points 0.2500 EFTS

This course is designed to engage practicing educators in the analysis and critique of current theory and research on language acquisition pedagogy that informs the design and implementation of learning contexts and curricula. The

course will introduce participants to a range of approaches to teaching additional languages, curriculum and syllabus design, and evaluating and designing appropriate materials to meet the diverse language learning needs of students in classrooms/schools.

P: Subject to Approval by Head of School.

R: Enrolment in PGDipEd or M.Ed./Subject to Approval by Head of School.

EDEM632-13S2 (C) Semester 2

EDEM632-13S2 (D) Semester 2

EDEM 634 Leadership of Learning

30 Points 0.2500 EFTS

This course provides opportunities for current and aspiring educational leaders from all sector groups to articulate their preferred personal leadership values and visions with reference to leadership theories which align with the moral purpose of education, namely to make a difference to students and their learning. The principles of leading change will be used to explore the challenges of creating and sustaining successful partnerships for learning.

P: Subject to the approval of Head of School.

R: EDEL 801, EDEL 802

EDEM634-13W (D) Whole Year (S1 and S2)

EDEM 635 Leadership of Effective Teaching

30 Points 0.2500 EFTS

This course provides current and aspiring leaders, in the early childhood, primary and secondary education sectors, with theoretical frameworks and strategies for reflecting on teaching practice and leadership of teaching and learning in their institutions. Teacher appraisal and its links to teacher professional development are examined for their effectiveness in improving achievement for all learners. The applicability of learning theory in catering for the learning needs of the diversity of students is explored and there is a focus on the use of appropriate methodologies for gathering and interpreting data and action research in the classroom.

P: Subject to the approval of Head of School.

R: EDEL 803, EDEL 804

EDEM635-13W (D) Whole Year (S1 and S2)

EDEM 637 Distributing leadership for learning

30 Points 0.2500 EFTS

This course is designed to assist teachers in their professional support and guidance of other teachers. They may be working as tutor teachers, associate research teachers, associate teachers, or in positions of leadership or mentoring in their workplace. The course explores the theoretical and practical bases of supporting others in developing professional roles and responsibilities. It is located within current theories of teacher thinking and development, theories of teacher reflection and effectiveness, and communities of learners and learning organisations.

P: Subject to approval of the Head of School.

R: EDTL 821

EDEM637-13W (D) Whole Year (S1 and S2)

EDEM 638 Curriculum Leadership

30 Points 0.2500 EFTS

This course is designed to encourage new and aspiring curriculum leaders to explore ways of leading curriculum change in order to develop high quality curriculum programmes. The course will involve critical reflection on current curriculum developments in Aotearoa New Zealand and leadership models that create and sustain effective curriculum practices. The course will be presented in three sections which focus on context and issues related to: Current curriculum changes, Leadership for curriculum change, Action research on leading curriculum change. The action research will be supervised individually or in small groups according to curriculum area.

P: Subject to approval of the Head of School.

R: EDTL 841

EDEM638-13W (D) Whole Year (S1 and S2)**EDEM 639 Leadership for School and Centre Improvement**

30 Points 0.2500 EFTS

This course relates the theory of educational leadership and management to school/centre improvement. The focus is on developing strategies for analysing the prevailing institutional culture, planning for improvements and on-going review.

P: Subject to approval of the Head of School.

R: EDTL 863

EDEM639-13W (D) Whole Year (S1 and S2)**EDEM 644 Contemporary Issues in Education: Socio-Cultural Perspectives**

30 Points 0.2500 EFTS

Not offered in 2013

This course develops research skills and analysis in the sociocultural analysis of education, with a particular focus on policy and practices in relation to diverse learners. It is aimed at students who have an interest in investigating policies and practices using sociocultural frameworks.

P: Subject to approval by the Head of School.

R: EDEM 621, EDEM 646, EDUC 419, EDUC 402, EDUC 413

EQ: EDUC 402

EDEM 645 Policy Studies in Education

30 Points 0.2500 EFTS

Not offered in 2013

An examination of some of the major debates, theoretical frameworks and central issues within the wider field of the political sociology of education.

P: Subject to approval of the Head of School.

R: EDUC 403, EDUC 603

EQ: EDUC 403

EDEM 647 Education, Globalisation and Development

30 Points 0.2500 EFTS

Not offered in 2013

Globalisation is one of the most keenly debated subjects in the world today. This course considers the impact of globalisation, in its various forms, on education. Particular

attention will be paid to changes in New Zealand and the wider Pacific region. The course will have both a theoretical and a practical focus, and students will be encouraged to compare policy ideals with social realities. The notion of development will be examined in relation to both the history of colonialism and the more recent emergence of neoliberalism as the dominant political ideology across the globe. Contemporary constructs of the knowledge society/economy and new variants of nationalism will be explored. The course will also discuss the implications of globalisation and neoliberalism for teaching and research in tertiary education institutions.

P: Subject to approval of the Head of School.

R: EDUC 417, EDUC 617, PACS 405

EQ: EDUC 417, PACS 405

EDEM 649 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: EDTL 826

EDEM649-13S1 (C) Semester 1**EDEM 650 Educational Philosophy and Policy**

30 Points 0.2500 EFTS

This course is designed to give advanced students the opportunity to study and discuss key educational ideas and theories. It has two central topics, both relevant to a wide range of educational and policy contexts: The educational and democratic philosophy of John Dewey; and Utopian educational theory and philosophy. The following kinds of philosophical questions will be answered: What is education for? How can it contribute to a worthwhile life? What should we seek to know? Students will have the opportunity to apply insights from the course to policy questions and to their areas of interest.

P: Subject to the approval of Head of School.

R: EDUC 414

EQ: EDUC 414

EDEM650-13S2 (C) Semester 2**EDEM 651 Re-examining Early Years Education**

30 Points 0.2500 EFTS

Not offered in 2013

This course introduces students to a critique of early years education using postmodern theories to analyse research, teaching practices, and New Zealand educational contexts for the very young child.

P: Subject to approval of Head of School.

EDEM 654 Adult Learning and Education

30 Points 0.2500 EFTS

Not offered in 2013

An introduction to the processes and practice of adult learning and education and the assumptions underlying diverse approaches to the education and training of adults.

P: Subject to approval of the Head of School.

R: EDUC 646

EDEM 656 Tikanga and 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: EDHP 701

EDEM656-13S1 (C) Semester 1**EDEM 657 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: Kohanga 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: EDHP 702, MAOR 427, TREO 405

EQ: TREO 405

EDEM657-13S2 (C) Semester 2**EDEM 658 Matauranga Māori Hei Marautanga**

30 Points 0.2500 EFTS

This course is taught through te reo Māori. It will critically examine Matauranga 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 Matauranga Māori in

the development of curriculum materials and teaching resources.

P: Subject to approval of the Head of School.

R: EDHP 705

EDEM658-13S2 (C) Semester 2**EDEM 659 Issues in Pasifika Education**

30 Points 0.2500 EFTS

Not offered in 2013

This course analyses issues affecting Pasifika education in Te Waipounamu, Aotearoa/New Zealand and other settings. It enables students to critique issues affecting the formation of Pasifika education policy and pedagogical models from the perspectives of community members, students, teachers, policy planners and academics.

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

EDEM 660 Te Reo Te Kohure

30 Points 0.2500 EFTS

This is an advanced-level paper in te reo Māori. Te Kohure is the final level of the Te Whanake language programme. The course aims to attain high language proficiency and fluency. Topics include: kiwaha/idioms, whakatauki and whakatauki/proverbs, kupu whakarite/analogy, tongi and kupu whakaari/prophetic sayings, korero paki/humorous sayings; korero o nehera, whakapapa, mana and tapu, religious beliefs, te taenga mai a te Pakeha, the study of celestial bodies, leadership, the etachings of prophets and tohunga, haka and waiata; composing and delivering formal and informal prose such as whaikorero, poroporoaki mihi mate (eulogies), invitations, notices, advertisements and general speech-making.

P: Approval of the Head of School.

R: TREO 401

EDEM660-13S2 (C) Semester 2**EDEM 661 Disorders of Childhood and Adolescence**

30 Points 0.2500 EFTS

This course looks at the nature, prevalence, causes, education and treatment of common childhood disorders and disabilities.

P: Subject to approval of the Head of School.

R: EDUC 412, CFPY 601

EQ: EDUC 412, CFPY 601

EDEM661-13W (C) Whole Year (S1 and S2)**EDEM 662 Child Development: Research, Contexts and Application**

30 Points 0.2500 EFTS

This course aims to provide an advanced understanding of child development by focusing on issues and concerns that may affect children and families across multiple developmental contexts. Students will gain knowledge and research skills by undertaking a comprehensive literature

review in an approved topic and applying contemporary developmental theory to a case study problem.

P: Subject to approval of the Head of School.

R: EDUC 416, CFPY 602

EQ: EDUC 416, CFPY 602

EDEM662-13W (C) Whole Year (S1 and S2)

EDEM 663 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.

R: EDUC 421, CFPY 603

EQ: EDUC 421, CFPY 603

EDEM663-13W (C) Whole Year (S1 and S2)

EDEM 664 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: CFPY 604, EDUC 461, EDUC 661, HLTH 481

EQ: CFPY 604, EDUC 461, HLTH 481

EDEM664-13W (C) Whole Year (S1 and S2)

EDEM 671 Group, Family and Systems Interventions

30 Points 0.2500 EFTS

P: Selection based on academic record, personal suitability, and an interview organised by the Coordinator of Counsellor Education. The closing date for applications is normally October 1 in the year prior to enrolment.

C: (1) Must be completed concurrently with EDEM 672.

These two courses require four hours of class time per week, plus placement experience of one half-day per week.

(2) Must be completed concurrently with EDEM 664 or after having completed EDEM 664 or EDUC 661.

R: EDUC 658

EDEM671-13W (C) Whole Year (S1 and S2)

Limited entry. See limitation of entry regulations.

EDEM 672 Counselling Skills

30 Points 0.2500 EFTS

Supervised practice in the skills of casework, consultation, and group work.

P: Selection based on academic record, personal suitability, and an interview organised by the Coordinator of Counsellor Education. The closing date for applications is normally October 1 in the year prior to enrolment.

C: (1) Must be completed concurrently with EDEM 671. (2)

Must be completed concurrently with EDEM 664 or after having completed EDEM 664 or EDEM 661.

R: EDUC 662

EDEM672-13W (C) Whole Year (S1 and S2)

Limited entry. See limitation of entry regulations.

EDEM 673 Counselling Practicum (FT)

30 Points 0.2500 EFTS

This course involves 400 hours of approved, supervised experience in counselling and assignments related to that experience completed over one year.

P: (1) Subject to approval of the Coordinator of Counsellor Education; (2) EDUC 658 or EDEM 671, EDUC 661 or EDEM 664, EDUC 662 or EDEM 672.

R: EDUC 663

EDEM673-13W (D) Whole Year (S1 and S2)

Note: Limited entry. See limitation of entry regulations.

EDEM 674 Counselling Practicum (Part A) (PT)

15 Points 0.1250 EFTS

P: (1) Subject to approval of the Coordinator of Counsellor Education. (2) EDUC 658 or EDEM 671, EDUC 661 or EDEM 664, EDUC 662 or EDEM 672.

R: EDUC 664

EDEM674-13A (C) Starts Any time

EDEM674-13W (D) Whole Year (S1 and S2)

Note: Limited entry. See limitation of entry regulations.

EDEM 675 Counselling Practicum (Part B) (PT)

15 Points 0.1250 EFTS

P: (1) Subject to approval of the Coordinator of Counsellor Education. (2) EDUC 658 or EDEM 671, EDUC 661 or EDEM 664, EDUC 662 or EDEM 672.

R: EDUC 665

EDEM675-13W (D) Whole Year (S1 and S2)

Note: Limited entry. See limitation of entry regulations.

EDEM 676 Professional Studies/Issues A

30 Points 0.2500 EFTS

P: Subject to approval of the Coordinator of Counsellor Education.

R: EDUC 666

EDEM676-13W (C) Whole Year (S1 and S2)

Note: Limited entry. See limitation of entry regulations.

EDEM 677 Professional Studies/Issues B
 30 Points 0.2500 EFTS
 P: Subject to approval of the Coordinator of Counsellor Education.
 R: EDUC 667
EDEM677-13W (C) Whole Year (S1 and S2)
 Note: Limited entry. See limitation of entry regulations.

EDEM 680 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: EDUC 674
EDEM680-13A (D) Starts Any time
EDEM680-13A (C) Starts Any time

EDEM 681 Special Topic
 15 Points 0.1250 EFTS
Not offered in 2013
 P: Subject to the approval of the Head of School.

EDEM 682 Special Topic: Developing Literacy and Oracy: Teaching for English as a Second Language
 30 Points 0.2500 EFTS
 This course will focus on language and literacy programmes for the growing number of ESL learners in New Zealand and international contexts. Theories of second language learning, including differences between subtractive and adding bilingualism, will be examined. Literacy and language teaching approaches will be explored within bilingual, full immersion and mainstream contexts. An investigation into the research surrounding the barriers and supports for ESL learners will be included. Literacy development and disorder across different orthographic systems and language contexts will be compared and contrasted. Strategies for the development of oracy and communicative competencies will be explored.
EDEM682-13S2 (D) Semester 2

EDEM 683 Special Topic: Māori Knowledge as the Basis of Curriculum
 30 Points 0.2500 EFTS
 This course 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 Pūnāmū 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 the approval of the Head of School.
EDEM683-13S2 (C) Semester 2

EDEM 684 Special Topic: Ecopedagogies in Early Years Education
 30 Points 0.2500 EFTS
 The purpose of this course is to explore and critique pedagogies that are applied in environmental programmes; particularly in the early years but also schooling, community and tertiary education settings. The course is designed for all tHeads of Schoole with an interest in exploring their understandings of ecopedagogies and will give opportunities to enquire and analyse issues that impact on themselves, the children and their communities. Students will critically analyse and reflect on their practice and be required to investigate issues around ecojustice and sustainability that are relevant to their setting.
 P: Subject to the approval of the Head of School.
EDEM684-13S1 (C) Semester 1
EDEM684-13S1 (D) Semester 1

EDEM 685 Special Topic: Culturally Inclusive Pedagogies: Motivating Diverse Learners
 30 Points 0.2500 EFTS
Not offered in 2013
 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 tHead of Schoole theories. Issues relating to Māori and indigenous ways of knowing and practising will be explored.
 P: Subject to approval of Head of School.

EDEM 686 Special Topic: New Zealand Theatre (Education)
 30 Points 0.2500 EFTS
 This course provides an overview of New Zealand theatre as it pertains to teachers. As well as providing an overview through lectures, readings and discussion, the course engages students in further researching a particular theatre work.
 P: Subject to approval of Head of School.
EDEM686-13S1 (D) Semester 1

EDEM 687 Special Topic: From Practice to Theory in Teaching Art
 30 Points 0.2500 EFTS
 Designed for Art teachers, wishing to teach in a specific visual arts discipline at senior secondary school level. This studio based course has a strong emphasis on the acquisition, analysis and contextualisation of practical knowledge for teaching purposes.
 P: Subject to approval of Head of School.
EDEM687-13S2 (C) Semester 2

EDEM 688 Special Topic: The Treaty in Education Today

30 Points 0.2500 EFTS

This course 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 the approval of the Head of School.

R: EDEM 649

EDEM688-13W (D) Whole Year (S1 and S2)**EDEM 690 MEd Thesis**

90 Points 0.7500 EFTS

P: Subject to approval of the Head of School.

R: EDTL 904

EDEM690-13A (D) Starts Any time**EDEM690-13A (C) Starts Any time***Part-time enrolment (0.4875 EFTS) is available on approval.***EDEM 691 MEd Thesis**

120 Points 1.0000 EFTS

P: Subject to approval of the Head of School.

R: EDTL 905

EDEM691-13A (D) Starts Any time**EDEM691-13A (C) Starts Any time****EDEM 693 Introduction to Methodologies and Ethics in Educational Research**

15 Points 0.1250 EFTS

The course is an introduction frameworks for thinking about research, ethical considerations required for planning research and the ethical clearance 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 Head of School.

R: EDUC 459, EDUC 659, EDTL 801

EDEM693-13S1 (C) Semester 1**EDEM693-13S1 (D) Semester 1****EDEM 694 Quantitative Research in Education**

15 Points 0.1250 EFTS

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 tHead of Schoole 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: EDTL 801, EDUC 660

EDEM694-13S2 (C) Semester 2**EDEM 697 Qualitative Research in Education**

15 Points 0.1250 EFTS

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.

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

R: EDUC 459, EDUC 659, EDTL 801, EDUC 459

EDEM697-13S1 (C) Semester 1**EDEM 698 Emergent Research Methodologies**

15 Points 0.1250 EFTS

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.

EDEM698-13S2 (D) Semester 2**EDIC 703 Research Project in Information and Communication Technology in Education**

30 Points 0.2500 EFTS

Not offered in 2013

This course will relate some specific research done by each student back to the theories and issues of ICT in education covered in the students' taught courses. Students will negotiate the objectives of the research and the assessment criteria to be applied with their research supervisor before beginning the research. This will be incorporated in a written proposal approved in writing by the Diploma's programme coordinator. It is expected that students will employ either Action Research methods (as taught in course EDIC702) or case study methods for the project.

P: (1) EDIC 701 or EDIC 751; (2) EDIC 702

R: IT703 and IC703

EDIC 711 Special Project in Information and Communication Technology in Education

15 Points 0.1250 EFTS

Not offered in 2013

Participants will undertake the design and development of a significant ICT project related to education. The project should appeal particularly to tHead of Schoole with an interest in authoring, programming, advanced database or spreadsheet development, website and intranet development, or to tHead of Schoole with opportunities to implement networked solutions in school environments. Details of the specific resource/system will be negotiated with a supervisor and a high degree of independent work is expected.

EDIC 712 Using and Creating Web Sites for Teaching and Learning

15 Points 0.1250 EFTS

Not offered in 2013

The course will provide an opportunity for teachers to investigate effective ways of integrating World Wide Web based activities into teaching programmes and an introduction to the technicalities of creating Web Sites using basic HTML and a number of Web Site authoring packages. While the skills taught may have extensive application in business or administration, the focus will be on educational use in a school or similar setting. The course covers basic knowledge and skills that are extended in course EDIC 706 The Global Classroom.

EDIC 714 Best Practices in Online Teaching and Learning

15 Points 0.1250 EFTS

Not offered in 2013

This course will help participants to structure an online environment that delivers content appropriately, fosters online collaboration and supports the learner. The course will look at the growing body of research about online learning and examine effective techniques for successful online teaching and learning.

R: EDTL 894

EDIC 716 Teaching Online: Course Development Project

15 Points 0.1250 EFTS

Not offered in 2013

This course will relate some specific content covered during EDIC 714 (Best Practices in Online Teaching and Learning) back to the practical application of theories and issues of online teaching and learning. Course participants will negotiate with their lecturer the objectives of the online project and the assessment criteria before beginning the online project. This will be incorporated in a written proposal approved in writing by the Graduate Diploma in ICT in Education's programme co-ordinator.

P: (1) EDIC 701 or EDIC 751; (2) EDIC 714

R: IT 716, IC 716

EDIC 721 Information and Communication Technology in Early Childhood: Supporting Learning and Development

15 Points 0.1250 EFTS

Not offered in 2013

The emphasis in this course is on developing educators' confidence in the use of specific tools and strategies appropriate for infants, toddlers and young children, understanding the theories of learning and relevant academic research which debate and support the use of ICT for young learners, and the pedagogical approaches which ensure safe and positive learning environments for children, while using ICT for play and development. Participants will develop a sound rationale for the use of ICT in the early childhood setting.

EDLS 101 Working in Inclusive Settings

15 Points 0.1250 EFTS

This course will provide students with an introduction to and basic understanding of the New Zealand educational context, including the significance of the Treaty of Waitangi; special and inclusive education policies and practices; the knowledge and skills needed in the professional role of the teacher-aid; and the New Zealand Curriculum (2007) and Te Whariki.

EDLS101-13S1 (D) Semester 1

EDLS 102 Introduction to Numeracy, Literacy and ICT in New Zealand Educational Settings

15 Points 0.1250 EFTS

This course provides students with an introduction to the teaching of Numeracy, Literacy and ICT in New Zealand educational settings. The course focuses on Numeracy, Literacy and ICT knowledge, content and skills required to participate in early childhood centres and classrooms as a teacher aid or support person. The course also aims to provide students with knowledge of the New Zealand Curriculum (2007), in Mathematics and Statistics, Literacy and e-learning.

R: EDLS 401, EDLS 402

EDLS102-13S1 (D) Semester 1

EDLS 103 Supporting Learning and Behaviour Needs

15 Points 0.1250 EFTS

This course will provide graduates in the Certificate of Learning Support with the required knowledge, skills and attributes to enable them to competently and effectively support the educational needs of diverse learners in a range of contexts including early childhood, primary and secondary settings. This course provides an introduction to basic knowledge, skills and strategies required to support the learning and behaviour needs of diverse learners.

R: EDLS 430, EDLS 431, EDLS 432

EDLS103-13S2 (D) Semester 2

EDLS 104 Supporting Diverse Learners

15 Points 0.1250 EFTS

This course will provide graduates of the Certificate of Learning Support with the required knowledge, skills and attributes to enable them to competently and effectively support the educational needs of diverse learners in a range of contexts including early childhood, primary and secondary settings. This course will focus on the implications of diversity in relation to teaching, learning and support, and will provide students with skills and strategies to provide effective support to diverse learners in educational settings.

R: EDLS 430, EDLS 432

EDLS104-13S2 (D) Semester 2**EDMI 254 Te Reo Me Nga Tikanga Māori 2**

10 Points 0.0833 EFTS

Not offered in 2013

This is a compulsory 200-level course which focuses on consolidating and extending the skills acquired in EDM1 145. Emphasis will be given to oral and written Māori, and tikanga as a foundation for working within early childhood. The threads which are included in this course are: the Treaty of Waitangi and bicultural development; gender equity and multiculturalism; the particular needs of infants and toddlers. These will be addressed through the use of Te Whaariki - Early Childhood Curriculum.

P: EDM1 145

C: (EDTP 263 and EDTP 264) or EDTP 213 or EDTP 214

R: TECE 201, TECE 251

EQ: TECE 201, TECE 251

EDMI 363 Te Reo Me Nga Tikanga Māori 3

10 Points 0.0833 EFTS

This is a compulsory 300-level course that focuses on consolidating and extending the skills acquired in EDM1 142 and EDM1 253. Emphasis will be given to oral and written Māori, tikanga as a foundation for working within early childhood, and broadening students' understanding of Māori issues within education, and the wider community. Opportunity will be given for students to participate in and demonstrate marae tikanga. The threads which are included in this course are: the Treaty of Waitangi and bicultural development; gender equity and multiculturalism; the particular needs of infants and toddlers; These will be addressed through the use of Te Whaariki - Early Childhood Curriculum.

P: EDM1 254 or Head of School approval

C: 1) EDTP 373 and EDTP 374; or 2) EDTP 315 and EDTP 317

R: TECE 301, TECE 351

EQ: TECE 301, TECE 351

EDMI363-13YC1 (Y) Year C First Half**EDPE 211 Physiology of Exercise and Motor Development**

22 Points 0.1833 EFTS

Not offered in 2013

This course explores human physical growth and development across the lifespan. In particular it focuses on how motor skills are acquired and controlled. It examines how the human body responds and adapts to exercise

acutely and chronically, with a major emphasis on nutrient balance and energy systems.

P: EDPE 111 or PE111 or (PE 171 and PE 181)

EDPE 212 Historical and Sociological Developments in Physical Education and Sport

22 Points 0.1833 EFTS

Not offered in 2013

This course outlines historical and sociological developments in physical education and sport by examining significant periods in the history of physical education, and ways these have influenced current practices in physical education and sport. It examines sociological factors affecting individual participation in physical activity, explores elements of the coaching process, and provides an interpretive and critical perspective from which to analyse the whole movement culture.

P: EDPE 111 or PE111 or (PE 171 and PE 181) or at least 18 points in EDUC courses.

EDPE 313 Applied Exercise Science

28 Points 0.2333 EFTS

This course will extend and develop the knowledge students have gained in EDPE 111 Foundations of Exercise Science and EDPE 211 Physiology of Exercise and Motor Development. It requires students to apply knowledge in the areas of exercise physiology, biomechanics and motor learning.

P: EDPE 211 or PE211 or (PE 131 and PE 172 and PE 173 and PE 174)

EDPE313-13W (C) Whole Year (S1 and S2)**EDPE 326 Socio-cultural Aspects of Physical Education and Sport**

28 Points 0.2333 EFTS

This course will extend and develop the knowledge students have gained in EDPE 212: Historical and Sociological Developments of Physical education and Sport. It requires students to critically examine the relationship between physical education, physical activity and culture; and identify the dominant hegemonic practices in physical education which influence education programmes and how they are organised. Note: The modules The Culture of Physical Education and The Social Context of Physical Education and Sport are taught in the 4th year.

P: EDPE 212 or PE 212 or (PE 175 and PE 226 and PE 315) or (PE 175 and PE 226 and EDPE 381)

EQ: TEPE 304

EDPE326-13X (C) 18 Feb 2013 - 17 Nov 2013**EDPE 333 Te Reo Kori**

6 Points 0.0500 EFTS

This course focuses on learning in, through and about Te Reo Kori. It will develop an individual's skills, te reo and tikanga Māori. Cultural issues, Māori pedagogies and methods of implementing a Te Reo Kori programme through the physical education curriculum are examined.

EDPE333-13T3 (C) 08 July 2013 - 18 Aug 2013

EDPE 362 Physical Education Teaching Study 4
12 Points 0.1000 EFTS

This teaching study is designed specifically for Year 4 BED (PE) students. In particular, this teaching study focuses on the examination of the senior school prescriptions for the teaching of Physical Education at the senior school level of New Zealand Secondary Schools. The examination will include studying: implementation guidelines, course(s) objectives, content requirements, assessment procedures, teaching methodologies and the issues that each course prescription generates.

P: EDPE 361

EDPE362-13X (C)

18 Feb 2013 - 23 June 2013

EDPS 264 Professional Studies 2

20 Points

0.1667 EFTS

This is a 200-level compulsory year long course covering issues and practices in early childhood centres. It is closely linked with the practical experience which students will have in early childhood settings during teaching practice. The threads which are included in this course are the Treaty of Waitangi and bicultural development; gender equity and multiculturalism; the particular needs of infants, toddlers and young children; (and will be addressed through the use of Te Whaariki: Early Childhood Curriculum).

P: EDPS 154

C: Either: (1) EDTP 212 and EDTP 213 and EDTP 214, or

(2) EDTP 263 and EDTP 264.

EDPS264-13YC (Y)

Full Year C

EDPS 303 Professional Studies 4

12 Points

0.1000 EFTS

Not offered in 2013

This course builds on Year 1, 2 and 3 courses and will develop the basic skills of teaching to a more sophisticated level. The Professional Studies course is a core requirement in all programmes that lead to the Graduate Diploma of Teaching. It is designed to enable students to develop teaching skills essential in all school curriculum areas and to establish sound practical approaches to the professional role of a beginning secondary teacher.

R: EDPS 306

EDPS 306 Professional Studies 4

8 Points

0.0667 EFTS

This course builds on Year 1, 2 and 3 courses and will develop the skills of teaching to a high level. It is designed to enable students to develop pedagogical understandings essential for quality teaching and learning.

P: EDPS 301

R: EDPS 303

EDPS306-13X (C)

11 Feb 2013 - 17 Nov 2013

EDPS 363 Early Childhood: The Professional Context

10 Points

0.0833 EFTS

This is a 300-level compulsory course which focuses on structures, issues and practices affecting early childhood centres, issues related to the early childhood profession and practical aspects of operating within the profession. The

course examines the role of early childhood professionals as advocates for children and families particularly in relation to the parliamentary process, legislation and policy

EDPS363-13YD2 (Y)

Year D Second Half

EDPS 376 Professional Studies 3

20 Points

0.1667 EFTS

This is a 300-level compulsory course which focuses on professional attributes required to enter and succeed, in the early childhood profession. Key components of this course include working collaboratively with others. Key components of this course include the role of the teacher, an understanding of current issues, relevant agencies and support services, and legal responsibilities of an early childhood teacher.

P: EDSP 264 or Head of School approval

C: Either: (1) EDTP 315 and EDTP 316 and EDTP 317, or

(2) EDTP 373 and EDTP 374.

EDPS376-13YC (Y)

Full Year C

EDSN 751 Education of the Gifted Learner in New Zealand

30 Points

0.2500 EFTS

Not offered in 2013

The course will explore issues in the teaching of the gifted learner. Students will study the issues and methods in identification, provision and evaluation of appropriate programmes for gifted learners including a range of teaching and learning approaches for early childhood and primary and secondary schooling. Students will apply the knowledge gained in a practical project undertaken in an educational setting.

R: EDEM 619, EDTL 851

EDSN 752 Managing Challenging Behaviour

30 Points

0.2500 EFTS

Not offered in 2013

The Response to Intervention Model (RtI) and School-wide positive behaviour support (SW-PBS) provide the structure for this course. Course participants will undertake a detailed study of the principles of applied behaviour analysis (ABA) and their application to children, youth and adults with learning/behaviour difficulties in various settings. With a selected person, course participants will undertake a functional assessment and analysis, plan, implement and monitor a learning/behaviour change programme based on ABA principles. The evidence-based literature on this topic will be reviewed.

R: EDEM 625, EDTL 852 and EDTL 751

EDSN 753 Teaching Strategies for Diverse Learners

30 Points

0.2500 EFTS

This course equips participants to deliver effective instruction to diverse learners through a detailed study of the principles and practices of Direct Instruction, Precision Teaching, Cooperative Learning, Peer Tutoring and Naturalistic Teaching Strategies. Participants are taught to

assess, design, deliver and monitor effective learning for their learners. The techniques are research-based.

R: EDTL 853

EDSN753-13W (D) Whole Year (S1 and S2)

EDSN 755 Developmental Disabilities: Inclusive Practices for Educational and Community Settings

30 Points 0.2500 EFTS

This course is for people working in school and/or community settings with children, adolescents and adults who have developmental disabilities. The focus of the course is the application of the principles, practices and research which underpin the inclusive model of teaching, learning and support for people with developmental disabilities in education and community settings.

R: EDEM 622, EDTL 855

EDSN755-13S1 (D) Semester 1

EDSN 758 Information and Communication Technology in Special Education

30 Points 0.2500 EFTS

Not offered in 2013

This course prepares teachers and community-based professionals who work with children, adolescents and adults to work in settings where the technologies of video, ICT, assistive devices and the internet are used to support learners with special needs. The course teaches the use and evaluation of technologies available to assist with instruction, evaluation, feedback and assessment within the special education field.

EDSN 759 Communication and Oral Language for Special Needs

30 Points 0.2500 EFTS

Not offered in 2013

This course is designed for teachers who work with children and adolescents who present with a variety of oral language and communication skills. This course includes the role of the teacher as a communication partner, strategies to enhance communication and learning, skills to screen oral language and communication, plan and teach oral language and communication programmes, and to identify when to make a referral to a speech-language therapist. The course includes the use of augmentative and alternative communication systems within the classroom and community settings.

R: EDEM 623, EDTL 859

EDSN 764 Special Education Co-ordination

30 Points 0.2500 EFTS

This course describes the organisational and communication skills required for coordinating special education in early childhood centres, primary and secondary schools. Processes for the involvement of family and whānau are included. The legislation and policies related to special education are described and their implications explored. Methods of individualised planning (IDPs and IEPs) are explained. Course members are introduced to methods of assessment, programme development and adaptation and evaluation. Resources and support services for learners

with special educational needs and the staff who teach them are included.

EDSN764-13W (D) Whole Year (S1 and S2)

EDSN 766 Autism and Asperger's Syndrome

30 Points 0.2500 EFTS

Not offered in 2013

This course is for people working in school and/or community settings with children, adolescents and adults who have Autism Spectrum Disorder or Asperger's syndrome. The course includes a detailed study of the features and characteristics of Autism Spectrum Disorder and Asperger's Syndrome and the examination and evaluation of the principles, practices and research related to the successful inclusion in education and community settings for people with Autism Spectrum Disorder and Asperger's Syndrome. Theories and treatments are evaluated and critiqued. Implications for family/whānau and the role of the family/whānau are explored and reviewed.

R: EDEM 624, EDTL 866

EDSN 775 Independent Study

30 Points 0.2500 EFTS

The Independent Study is a course of study developed by a course participant in consultation with a lecturer or lecturers. This course is designed to give students the opportunity to investigate an issue related to the education and support of people with special needs not otherwise catered for in the GradDipSTN and DipTSD schedules of courses.

P: EDSN 752 and EDSN 753

C: EDSN 725 or EDSN 751 or EDSN 754 or EDSN 755 or EDSN 758 or EDSN 759 or EDSN 763 or EDSN 764 or EDSN 766

EDSN775-13W (D) Whole Year (S1 and S2)

EDST 601 Core Theory and Foundations of Specialist Teaching

30 Points 0.2500 EFTS

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; Special Learning 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.

EDST601-13X (D) 11 Feb 2013 - 10 Nov 2013

EDST 621 Theory and Foundations of Deaf and Hearing Impairment

30 Points 0.2500 EFTS

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 Hearing Impairment.

P: A teaching qualification or entry at the discretion of the Dean of Education.

RP: Experience working with children who are Deaf or Hearing Impaired.

EDST621-13X (D) 11 Feb 2013 - 10 Nov 2013

EDST 622 Evidence-based Interprofessional Practice in Deaf and Hearing Impairment

30 Points 0.2500 EFTS

An examination of evidence-based professional practices in the area of Deaf and Hearing Impairment, including common professional practices of specialist teachers and other educational and health professionals involved in special and inclusive education.

P: Successful completion of EDST 601 and EDST 621.

EDST622-13X (D) 11 Feb 2013 - 10 Nov 2013

EDST 623 Practicum in Deaf and Hearing Impairment

30 Points 0.2500 EFTS

A supervised practicum in the area of Deaf and Hearing Impairment.

P: EDST 601 and EDST 621

C: EDST 622

EDST623-13X (D) 11 Feb 2013 - 10 Nov 2013

EDST 631 Theory and Foundations of Early Intervention

30 Points 0.2500 EFTS

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: A teaching qualification or entry at the discretion of the Dean of Education.

RP: Two or more years experience in early childhood sector

EDST631-13X (D) 11 Feb 2013 - 10 Nov 2013

EDST 632 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: Successful completion of EDST 601 and EDST 631

EDST632-13X (D) 11 Feb 2013 - 10 Nov 2013

EDST 633 Practicum in Early Intervention

30 Points 0.2500 EFTS

A supervised practicum in the area of Early Intervention.

P: EDST 601 and EDST 631

C: EDST 632

EDST633-13X (D) 11 Feb 2013 - 10 Nov 2013

EDST 641 Theory and Foundations of Learning and Behaviour Diversity

30 Points 0.2500 EFTS

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: A teaching qualification or entry at the discretion of the Dean of Education.

EDST641-13X (D) 11 Feb 2013 - 10 Nov 2013

EDST 642 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: Successful completion of EDST 601 and EDST 641

EDST642-13X (D) 11 Feb 2013 - 10 Nov 2013

EDST 643 Practicum in Learning and Behaviour Diversity

30 Points 0.2500 EFTS

A supervised practicum in the area of Learning and Behaviour.

P: EDST 601 and EDST 641

C: EDST 642

EDST643-13X (D) 11 Feb 2013 - 10 Nov 2013

EDST 651 Theory and Foundations in Complex Educational Needs

30 Points 0.2500 EFTS

An advanced study of theoretical and research-based foundations of specialist teaching relating to understanding, recognising, assessing and providing for learners who have complex needs.

P: A teaching qualification or entry at the discretion of the Dean of Education.

RP: Experience working with students who have complex educational needs.

EDST651-13X (D) 11 Feb 2013 - 10 Nov 2013

EDST 652 Evidence-based Interprofessional Practice in Complex Educational Needs

30 Points 0.2500 EFTS

Not offered in 2013

An examination of evidence-based practices for specialist teachers of learners who have complex needs, including common professional practices of specialist teachers and other educational and health professionals involved in special and inclusive education.

P: EDST 601 and EDST 651

EDST 653 Practicum in Complex Educational Needs

30 Points 0.2500 EFTS

Not offered in 2013

A practicum to support the inclusion of learners with complex educational needs.

P: EDST 601 and EDST 651

EDTL 709 Perceptual Motor Programmes for Children

15 Points 0.1250 EFTS

Not offered in 2013

This course focuses on quality teaching and implementation of perceptual motor programmes for children. Course participants will develop knowledge and understanding of perceptual motor functioning and will critically reflect on historical and current research in this area. Course participants will implement either a preventative or intervention perceptual motor programme based on relevant and current curriculum documents in their respective centre or school.

EQ: TL709

EDTL 717 Classroom Based Research for Teachers

15 Points 0.1250 EFTS

The course will introduce participants to, and guide them in, practical small-scale research. It is expected that most of this research will be classroom or school-based, but suitable research can be undertaken in other educational settings by early childhood teachers, advisers, visiting teachers and other people interested in facilitating learning.

EQ: TL717

EDTL717-13S1 (D) Semester 1

EDTL 718 Foundations of Teaching and Learning Languages (including TESOL)

18 Points 0.1500 EFTS

This course is part of the Graduate Certificate in TESOL and also a BTChLn degree upgrade course. It introduces teachers to theoretical understandings about second language acquisition and the practical implications for classrooms. Course content includes the impact of culture on teaching and learning, intercultural communication, bilingual education and how schools and teachers can respond to diversity and support learners with English as an additional language.

EDTL718-13S1 (D) Semester 1

EDTL 719 Curriculum-based Language Learning for Diverse Learners

18 Points 0.1500 EFTS

This course is part of the Graduate Certificate in TESOL and also a BTChLn degree upgrade course. It focuses on the English language needs of culturally and linguistically diverse learners within the mainstream curriculum.

Participants will be introduced to many practical strategies to meet language learning needs within the curriculum.

C: EDTL 718

EDTL719-13S1 (D) Semester 1

EDTL 722 Language and Communication in Early Childhood Education

15 Points 0.1250 EFTS

This course provides a comprehensive and experiential approach to children's speech/language and communication development. It also enables students to evaluate critically the many roles adults play in interactive learning and provides techniques to enhance this learning.

EDTL722-13S2 (D) Semester 2

EDTL 732 An Introduction to Elements of English Linguistics, Grammar and Usage

18 Points 0.1500 EFTS

This course is part of the Graduate Certificate in TESOL and also a BTChLn degree upgrade course. It introduces a descriptive account of English as it is spoken and written, including phonology, syntax, semantics and social factors. Participants will learn how to describe learner language and analyse errors using linguistic terminology.

EDTL732-13S2 (D) Semester 2

EDTL 738 Legislative Processes and Early Childhood Education in Aotearoa/ New Zealand

15 Points 0.1250 EFTS

This course provides current early childhood teachers with knowledge of the parliamentary process in Aotearoa/ New Zealand, with a particular emphasis on issues and legislation relevant to early childhood settings and teachers. Participants will gain knowledge and understanding of the process of law and of some of the legal obligations and implications related to the sector. Course content will equip early childhood teachers to be better advocates for children and their families/whānau.

R: EDTL 638

EDTL738-13S1 (D) Semester 1

EDTL 742 Supervising Teachers and Student Teachers

15 Points 0.1250 EFTS

This course is designed to assist teachers who have responsibility for student teachers, teachers or beginning teachers in early childhood, primary or secondary settings.

EQ: TL742

EDTL742-13S1 (D) Semester 1

EDTL 745 Transition to School from Early Childhood

15 Points 0.1250 EFTS
 This course is designed to give Early Childhood and Primary teachers an awareness of the process and implications involved in a child's transition to school.

EQ: TL745

EDTL745-13S2 (D) Semester 2

EDTL 746 Investigating Issues in Curriculum

15 Points 0.1250 EFTS
 This compulsory course is part of the transitional process for students upgrading from the DipT to BTchLn qualification. It explores the concept of curriculum and its application at both national and school/centre levels. Particular attention is given to curriculum changes since 1987 in New Zealand/Aotearoa. An in depth examination of curriculum models and issues is a focus of this course.

EQ: TL746

EDTL746-13S1 (D) Semester 1

EDTL746-13S2 (D) Semester 2

EDTL 747 Studies in Teaching and Learning Theory

15 Points 0.1250 EFTS
 This compulsory course for teachers upgrading from the DipT to BTchLn qualification, covers developments in theoretical understandings of teaching and learning processes. Particular attention is paid to the theory and principles underpinning current practice in New Zealand primary schools and early childhood centres. An in depth examination of a cHead of Schoolen theory or principle is undertaken by participants in relation to their own practice.

EQ: TL747

EDTL747-13S1 (D) Semester 1

EDTL747-13S2 (D) Semester 2

EDTL 748 Family/Whānau and Community in Early Childhood Education

15 Points 0.1250 EFTS
 This course provides current early childhood teachers with an awareness of the diversity of families/whānau in Aotearoa/New Zealand. Participants will gain an understanding of their role regarding current social and ethical issues that impact on families and the community. Course content will equip early childhood teachers to better support and work collaboratively with families/whānau of infants, toddlers, and young children.

R: EDTL 646

EDTL748-13S2 (D) Semester 2

EDTL 751 Guiding Young Children's Social Development

15 Points 0.1250 EFTS
 Course participants will undertake, in an early childhood centre, a culturally appropriate assessment and behaviour change programme with a toddler or young child who is having difficulty with their social/emotional development. The behaviour change programme will be in consultation with parents/whānau and centre staff and will be based

on the Response to Intervention Model(RtI) and positive behaviour strategies.

R: EDSN 752

EQ: TL751

EDTL751-13S1 (D) Semester 1

EDTL 752 Designing Environments for Children

15 Points 0.1250 EFTS
 This course examines principles underlying well-designed child-centred environments for infants, toddlers and young children in early childhood settings and enables course members to apply these principles in developing their own centre's environment.

EQ: TL752

EDTL752-13S1 (D) Semester 1

EDTL 753 Operational Management in Early Childhood Education

15 Points 0.1250 EFTS
 This course examines structures and systems relating to operating an early childhood centre/service. It focuses on planning for review and incorporates a component of critical reflection through action research.

EQ: TL753

EDTL753-13S1 (D) Semester 1

EDTL 754 Professional Guidance and Leadership in Early Childhood Education

15 Points 0.1250 EFTS
 This course examines issues regarding guidance and leadership in an early childhood setting. It will introduce basic principles in a theoretical setting and use case studies to underline best practice.

EQ: TL754

EDTL754-13S2 (D) Semester 2

EDTL 756 Science Teaching for Interest and Understanding

18 Points 0.1500 EFTS

Not offered in 2013

This course focuses on understanding science in a broad sense, and on the ability to translate this into learning activities and outcomes.

EDTL 760 Issues in Mathematics Education

15 Points 0.1250 EFTS

Not offered in 2013

This course is for experienced teachers with an interest in mathematics education. It involves an analysis and critical examination of current research of mathematics education issues as they apply in the New Zealand classroom setting. Issues relating to the implementation of the aims of Mathematics in the New Zealand Curriculum will be the major focus.

EQ: TL760

EDTL 768 Academic Literacy for Tertiary Study

15 Points 0.1250 EFTS

This course addresses the wide range of study skills required to successfully undertake tertiary study and introduces participants to the terminology, resources and expectations applicable to study in tertiary settings.

EQ: TL768

EDTL768-13S1 (D) Semester 1

learning of gifted and talented learners will be explored with examination of teacher behaviours, and planning and implementation and assessment of learning within the mainstream setting.

P: EDTL 795 or HA 577, or with the approval of the Head of School.

EQ: TL796

EDTL796-13S2 (D) Semester 2

EDTL 778 Designing Programmes and Materials in Second Language Teaching

18 Points 0.1500 EFTS

This course is part of the Graduate Certificate in TESOL and also a BTChLn degree upgrade course. This course is designed to complement the other courses in the Graduate Certificate in TESOL. It is the culmination of the other courses and offers the opportunity to apply skills and knowledge gained to the design of language teaching and learning programmes and materials. This course will introduce participants to a range of approaches to second language teaching, curriculum and syllabus design, and evaluating and designing appropriate materials to meet the second language learning needs of diverse learners.

P: EDTL 719 and EDTL 732

C: EDTL 719 and/or EDTL 732. These courses may also be taken as prerequisites.

EDTL778-13S2 (D) Semester 2

EDTL 802 Research Project

30 Points 0.2500 EFTS

Not offered in 2013

For students enrolled in the MTChLn, the Research Project is an optional research course designed to provide an opportunity for extended research. Students who do not choose this course are required to complete either EDTL 904 Research Dissertation or EDTL 905 Research Thesis. It would be expected that a research project would be undertaken towards the end of the degree. For students enrolled in the PGDipTchLn, EDTL 802 is a compulsory course. This course is also available through flexible mode.

P: Head of School approval

EDTL 904 Thesis

90 Points 0.7500 EFTS

P: Head of School approval

R: EDEM 690, EDTL 802, EDTL 905

EDTL904-13A (D) Starts Any time

EDTL904-13A (C) Starts Any time

EDTL 787 TESOL in the Secondary School

18 Points 0.1500 EFTS

Not offered in 2013

This course is part of the Graduate Certificate in TESOL and also a BTChLn degree upgrade course. It provides a secondary school focus on the teaching of English as an additional language. Participants will consider the cultural and linguistic needs of second language learners at secondary level, and the implications of these within the curriculum. The role of ESOL teachers is also considered.

P: EDTL 732

C: EDTL 732

EDTL 905 A Thesis on an Aspect of Teaching and Learning

120 Points 1.0000 EFTS

The thesis is designed to give MTChLn students the opportunity to conduct a substantial piece of educational research, building on knowledge and skills gained in course EDTL 801 and other taught courses in the degree. The research should relate clearly to the degree's central subject of teaching and learning, and it may be methodological in focus. It is intended to provide students with an initial experience in a substantial empirical investigation as a background to further research. This course is also available through flexible mode.

P: Head of School approval

R: EDEM 691, EDTL 802, EDTL 904

EDTL905-13A (D) Starts Any time

EDTL905-13A (C) Starts Any time

EDTL 795 Issues in the Education of the Gifted Learner

15 Points 0.1250 EFTS

This course is an introduction to the field of education of the gifted and talented learner. Participants will examine the current understandings of the definitions of giftedness and talent, the characteristics and assessment of giftedness and talent, and the developmental, cultural and educational issues for learners who are gifted and talented.

EQ: TL795

EDTL795-13S1 (D) Semester 1

EDTP 202 Teaching Practice 2

10 Points 0.0833 EFTS

Not offered in 2013

This course provides the Year 2 intensive school based experience for students. The practice focuses on structured observations of teachers and learners in the Area School setting. It provides the opportunity for development of teaching skills in a practical environment not available in city schools.

EDTL 796 Strategies for Teaching and Learning in Gifted Education

15 Points 0.1250 EFTS

This course is an overview of the teaching strategies proven to provide differentiated learning for the gifted and talented learner. Strategies for extending and enriching the

EDTP 212 Centre-Based Practicum - Year 2

15 Points 0.1250 EFTS

This is a 200-level compulsory course which focuses on the on-going practical experience of working as a teacher in an early childhood centre setting. Students are expected to apply the knowledge gained in their College courses and respond to formative assessment of their practice in their practicum centre.

P: EDTP 106

C: EDPS 264

EDTP212-13YC (Y) Full Year C**EDTP 213 Year 2 Teaching Practice 1**

10 Points 0.0833 EFTS

Not offered in 2013

This is a 200-level compulsory course that focuses on the practical application of the theoretical knowledge gained in College courses and is closely linked to Professional Studies 2. Teaching Practice provides an opportunity for students to demonstrate an understanding of the responsibilities of the early childhood teacher in recognising and honouring the articles of Te Tiriti o Waitangi and the principles of Te Whaariki.

P: EDTP 108

C: EDPS 264

EDTP 214 Year 2 Teaching Practice 2

15 Points 0.1250 EFTS

This is a 200-level compulsory course that focuses on the newest practical application of the theoretical knowledge in College courses and is closely linked to Professional Studies 2. Teaching Practice provides an opportunity for students to demonstrate an understanding of the responsibilities of the early childhood teacher in recognising and honouring the articles of Te Tiriti o Waitangi and the principles of Te Whaariki.

P: EDTP 213

C: EDPS 264

EDTP214-13A (Y) Starts Any time**EDTP 304 Teaching Practice 2**

15 Points 0.1250 EFTS

Not offered in 2013

This course extends the expectations of EDTP 303 so that the student takes a greater role in planning and teaching a sequence of lessons, building towards teaching a unit of work with at least one class. The student takes an increased responsibility for class management including corrective management of students. The focus is also on more interactive teaching strategies within both whole class and student activity. The student's teaching practice portfolio includes critical evaluation and reflection of their teaching.

P: EDTP 303

EDTP 305 Teaching Practice 3

15 Points 0.1250 EFTS

Not offered in 2013

This course extends the expectations of TP 304 or EDTP 304 and requires the student 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.

P: EDTP 304

EDTP 315 Year 3 Teaching Practice 1

10 Points 0.0833 EFTS

This is a 300-level compulsory course that provides opportunities for the practical application of the theoretical knowledge gained in College courses and is closely linked to Professional Studies 3. Teaching Practice provides an opportunity for students to demonstrate an understanding of the responsibilities of the early childhood teacher in recognising and honouring the articles of Te Tiriti o Waitangi and the principles of Te Whaariki.

P: EDTP 214

C: EDPS 376

EDTP315-13A (Y) Starts Any time
EDTP315-13T1 (Y) 04 Mar 2013 - 17 Mar 2013**EDTP 316 Centre-Based Practicum - Year 3**

15 Points 0.1250 EFTS

This is a 300-level compulsory course which focuses on the on-going practical experience of working as a teacher in an early childhood setting. Students are expected to apply the knowledge gained in their College courses and respond to formative assessment of their practice in their practicum centre.

P: EDTP 212

C: EDPS 376

EDTP316-13X (Y) 11 Feb 2013 - 01 Dec 2013**EDTP 317 Year 3 Teaching Practice 2**

15 Points 0.1250 EFTS

This is a 300-level compulsory course that provides opportunities for the practical application of the theoretical knowledge gained in College courses and is closely linked to Professional Studies 3. Teaching Practice provides an opportunity for students to demonstrate an understanding of the responsibilities of the early childhood teacher in recognising and honouring the articles of Te Tiriti o Waitangi and the principles of Te Whaariki.

P: EDTP 315

C: EDPS 376

EDTP317-13A (Y) Starts Any time
EDTP317-13T3 (Y) 19 Aug 2013 - 08 Sep 2013**EDTP 330 Teaching Practice 4**

8 Points 0.0667 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. 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.

P: EDTP 302

C: (1) EDPS 306; and (2) EDPE 362 or EDPF 363

EDTP330-13T1 (C) 18 Mar 2013 - 14 Apr 2013

EDTP 331 Teaching Practice 5

24 Points

0.2000 EFTS

This course extends the expectations of EDTP 330 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.

P: EDTP 302

C: (1) EDPS 306; and (2) EDPE 362 or EDPF 363

EDTP331-13T1 (C) 18 Feb 2013 - 19 May 2013

EDTP331-13X (C) 12 Aug 2013 - 29 Sep 2013

EDTT 701 Teaching Meets Technology - Exploration

15 Points

0.1250 EFTS

Not offered in 2013

This course introduces core knowledge, skills and concepts related to e-teaching and the technologies which support e-education. It will focus on developing a critical understanding of the relationships between pedagogy, educational design, multimedia development and some of the enabling tools, systems and technologies. The course will introduce and foster teamwork and collaboration between teachers and e-technologists as they participate in a collaborative community of practice. Participants will be supported to evaluate their own learning needs, plan their own development pathway, and negotiate portfolio project requirements within the course structure.

EDTT 702 Teaching Meets Technology - Experimentation

15 Points

0.1250 EFTS

Not offered in 2013

This course builds on the theme of Teaching meets Technology established in EDTT 701. The emphasis is around educational design and the kind of integrating technologies and teaching in order to enable quality learning opportunities. The roles of the internship and learning community are important. Participants will be afforded opportunities to identify and plan the development of a suitable internship/investigation and to exchange and evaluate their ideas with others.

EDTT 703 Teaching Meets Technology - Implementation

15 Points

0.1250 EFTS

Not offered in 2013

This course builds on the proposal developed in EDTT 701 and EDTT 702. The focus is now on situating learning in the real world context. Participants will be involved in various internship/ investigations; they will build on and manage

their own internship. This will provide the opportunity to observe and learn from other members of their community.

EDTT 704 Teaching Meets Technology - Dissemination

15 Points

0.1250 EFTS

Not offered in 2013

This course is a development of internship/investigation work begun in EDTT 703 and represents the culmination of the internship/investigation and learning experience. The focus is on completion of the internship/investigation and presentation of the learning portfolio to peers and supervisors/practitioners.

EDTT 711 Understanding Online Communities

15 Points

0.1250 EFTS

Not offered in 2013

This optional course is designed to familiarize participants with social, communication, and design issues related to online communities. This course introduces online communities as social entities where a community of people is connected in some way online. It discusses issues of nurture and design emerging from these core understandings.

EDTT 811 Practice-based Research in Online Communities

15 Points

0.1250 EFTS

Not offered in 2013

This optional course enables participants to investigate and critically evaluate communication in design issues related to online communities. The course examines key theories related to the design and cultivation of online communities, and the debates and issues surrounding the socio-technical aspects of virtual communities.

EDUC 101 Learning

15 Points

0.1250 EFTS

How do we learn? How can we observe and shape children's learning? What happens in the mind when we learn? How does our brain constrain learning? Why do some children not learn as well as others? How does learning change over development? This course is a broad introduction to theories and findings about learning, in which we will address these questions from multiple perspectives within educational psychology; including behavioural science, mind, brain, developmental and social/cultural.

EDUC101-13S1 (C)

Semester 1

EDUC101-13S1 (D)

Semester 1

EDUC101-13S2 (C)

Semester 2

EDUC 102 Child and Adolescent Development and Health

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 and provides students with an understanding of developmental processes. The impact of

health on infant, child and adolescent development will also be considered.

R: EDUC 121 and TEDU 110

EDUC102-13S1 (C)	Semester 1
EDUC102-13S1 (D)	Semester 1
EDUC102-13S2 (C)	Semester 2

EDUC 103 Introduction to Social and Cultural Studies in Education

15 Points 0.1250 EFTS

An introduction to the foundational theories, concepts and processes in the social and cultural examination of education. Questions about power, justice and fairness will be examined with respect to inequalities. The course will address questions such as whether educational inequality is inevitable and, if not, what can be done about it? It will also examine what part factors such as class, gender, disability, and ethnicity may play in maintaining unequal forms of education. Students will be introduced to theories about success and failure in education and their application to the examination of educational inequalities.

R: EDUC 120 and TEDU 111

EDUC103-13S1 (C)	Semester 1
EDUC103-13S1 (D)	Semester 1
EDUC103-13S2 (C)	Semester 2

EDUC 201 Current Issues in Learning

15 Points 0.1250 EFTS

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: 15 points in EDUC or PSYC 105 or permission of the Head of School.

EDUC201-13S2 (C)	Semester 2
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EDUC 202 One in Five: Different Developmental Pathways

15 Points 0.1250 EFTS

One in five people will experience a disability or developmental challenge of some form during their lifespan, or have someone close to them experience this. Students will build on the foundational knowledge of child development gained at the 100-level course by examining issues relating to children who follow a different developmental pathway characterised by innate or acquired developmental challenges.

P: 15 points in EDUC or PSYC 106 or permission of the Head of School.

EDUC202-13S1 (C)	Semester 1
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EDUC 203 Cultures, Contexts and Education

15 Points 0.1250 EFTS

This course considers associations between the wider socio, historical and political contexts in which teaching occurs and how and what we teach. By examining issues of power, equality and social justice in education the course will ask students to question pedagogies and think about how teaching practices can include and exclude.

P: 15 points in EDUC or permission of the Head of School.

EDUC203-13S1 (C)	Semester 1
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EDUC 204 Promoting Child and Adolescent Wellbeing and Health

15 Points 0.1250 EFTS

This course will concentrate on ways in which resilience, health and positive developmental trajectories may be promoted in infants, children and adolescents. Current research and theoretical models will be used to explore a number of critical issues related to health and wellbeing in a New Zealand context.

P: 15 points in EDUC or PSYC 106 or permission of the Head of School.

EDUC204-13S2 (C)	Semester 2
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EDUC 205 Critical Issues in Adult Learning

15 Points 0.1250 EFTS

Not offered in 2013

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: 15 points in EDUC or PSYC 105 or permission of the Head of School.

EDUC 206 Studies in the Sociology of Education

15 Points 0.1250 EFTS

This course will deepen students understanding of sociological foundations through the examination of critical issues in connections between education and society. This course uses sociological approaches to examine connections between education and society. It considers contemporary sociological explanations of what educational institutions do.

P: 15 points in EDUC or SOCI 111 or permission of the Head of School.

R: EDUC 220

EDUC206-13S2 (C)	Semester 2
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EDUC 301 Researching Learning

30 Points 0.2500 EFTS

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 provides a strong foundation for self-directed learning, post-graduate study and research.

P: 15 points from EDUC 201, EDUC 202, EDUC 204, EDUC 205, EDUC 221, EDUC 222 or permission of the Head of School.

EDUC301-13S2 (C) Semester 2**EDUC 302 Researching Child and Adolescent Development**

30 Points 0.2500 EFTS

EDUC302 is designed to provide students with an introduction to the research and research methods in child and adolescent development. Incorporating both lectures and active learning exercises, students will be introduced to the core themes and a broad range of research methods common to a developmental approach, specifically focusing on the periods from infancy through adolescence.

P: 15 points from EDUC 201, EDUC 202, EDUC 204, EDUC 205, EDUC 221, EDUC 222 or permission of the Head of School.

EDUC302-13S1 (C) Semester 1**EDUC 303 Socio-Cultural Theory and Methods in Education**

30 Points 0.2500 EFTS

Not offered in 2013

This course critically examines theoretical concepts and methodological approaches central to socio-cultural research and scholarship in education.

P: 15 points from EDUC 203 or EDUC 206 or EDUC 220 or by permission from Head of School.

EDUC 315 Diverse Learners and Inclusive Education

30 Points 0.2500 EFTS

This course introduces students to methods of critical enquiry into the social, institutional, classroom and individual practices that can support and/ or hinder the inclusion of diverse learners.

P: 15 points from EDUC 203, EDUC 206, EDUC 220, TEPE 204, or 22 points from EDPE 212; or by permission of the Head of School.

R: EDUC 215 completed before 2000

EDUC315-13S2 (C) Semester 2**EDUC 339 Globalisation, Social Justice and Education**

30 Points 0.2500 EFTS

This course introduces students to methods of critical enquiry into globalisation and its impact on social justice and education.

P: 15 points from EDUC 203, EDUC 206 or EDUC 220 or by permission of the Head of School.

EDUC339-13S1 (C) Semester 1**EDUC 402 Contemporary Issues in Education: Socio-Cultural Perspectives**

30 Points 0.2500 EFTS

Not offered in 2013

This course develops research skills and analysis in the sociocultural analysis of education, with a particular focus on policy and practices in relation to diverse learners. It is aimed at students who have an interest in investigating policies and practices using sociocultural frameworks.

P: Subject to approval by the Head of School.

R: EDEM 621, EDEM 644, EDEM 646, EDUC 419, EDUC 413

EQ: EDEM 644

EDUC 403 Policy Studies in Education

30 Points 0.2500 EFTS

Not offered in 2013

An examination of some of the major debates, theoretical frameworks and central issues within the wider field of the political sociology of education. (Offered in even numbered years only).

P: Subject to approval of the Head of School.

R: EDEM 645

EQ: EDEM 645

EDUC 412 Disorders of Childhood and Adolescence

30 Points 0.2500 EFTS

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: CFPY 601, EDEM 661

EQ: CFPY 601, EDEM 661

EDUC412-13W (C) Whole Year (S1 and S2)**EDUC 414 Educational Philosophy and Policy**

30 Points 0.2500 EFTS

This course is designed to give advanced students the opportunity to study and discuss key educational ideas and theories. It has two central topics, both relevant to a wide range of educational and policy contexts: The educational and democratic philosophy of John Dewey; and Utopian educational theory and philosophy. The following kinds of philosophical questions will be answered: What is education for? How can it contribute to a worthwhile life? What should we seek to know? Students will have the opportunity to

apply insights from the course to policy questions and to their areas of interest.

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

R: EDEM 650

EQ: EDEM 650

EDUC414-13S2 (C) Semester 2

EDUC 416 Child Development: Research, Contexts and Applications

30 Points 0.2500 EFTS

This course aims to provide an advanced understanding of child development by focusing on issues and concerns that may affect children and families across multiple developmental contexts. Students will gain knowledge and research skills by undertaking a comprehensive literature review in an approved topic and applying contemporary research to a case study problem.

P: Subject to approval of the Head of School.

R: EDEM 662, CFPY 602

EQ: EDEM 662, CFPY 602

EDUC416-13W (C) Whole Year (S1 and S2)

EDUC 417 Education, Globalisation and Development

30 Points 0.2500 EFTS

Not offered in 2013

Globalisation is one of the most keenly debated subjects in the world today. This course considers the impact of globalisation, in its various forms, on education. Particular attention will be paid to changes in New Zealand and the wider Pacific region. The course will have both a theoretical and a practical focus, and students will be encouraged to compare policy ideals with social realities. The notion of development will be examined in relation to both the history of colonialism and the more recent emergence of neoliberalism as the dominant political ideology across the globe. Contemporary constructs of the knowledge society/ economy and new variants of nationalism will be explored. The course will also discuss the implications of globalisation and neoliberalism for teaching and research in tertiary education institutions.

P: Subject to approval of the Head of School.

R: EDEM 647, PACS 405

EQ: EDEM 647, PACS 405

EDUC 418 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 Head of School.

P: Subject to approval of the Head of School.

EDUC418-13A (C) Starts Any time

EDUC 421 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.

R: EDEM 663, CFPY 603

EQ: EDEM 663, CFPY 603

EDUC421-13W (C) Whole Year (S1 and S2)

EDUC 461 Counselling and Psychology: Theories and Skills

30 Points 0.2500 EFTS

Studies of counselling and psychological theories and their implication for practice. Practice in the skills of a problem-management model of helping.

P: Subject to approval of the Head of School.

R: CFPY 604, EDEM 664, HLTH 481

EQ: CFPY 604, EDEM 664, HLTH 481

EDUC461-13W (C) Whole Year (S1 and S2)

EDUC 480 Research Project

30 Points 0.2500 EFTS

A individual research project approved by the Head of School. Talk with a lecturer or the Head of School to develop an individual plan.

P: Subject to approval of the Head of School.

EDUC480-13W (C) Whole Year (S1 and S2)

EDUC 686 Research Project

30 Points 0.2500 EFTS

Not offered in 2013

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.

EDUC 690 MA Thesis

120 Points 1.0000 EFTS

P: Subject to approval of the Head of School.

EDUC690-13A (C) Starts Any time

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

EDUC 695 Med Dissertation

60 Points 0.5000 EFTS

P: Subject to approval of the Head of School.

EDUC695-13A (C) Starts Any time

The dissertation must be completed and presented within 12 months following enrolment in the dissertation. The dissertation is the equivalent of two courses.

EDUC 790 Education PhD

120 Points

1.0000 EFTS

P: Subject to approval of the Head of School.

EDUC790-13A (C) Starts Any time*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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.***WHAK 001 Whakapiki Reo**

0 Points

0.0000 EFTS

Not offered in 2013

P: Applicants must be registered teachers who hold permanent teaching positions and who have approved leave from their schools to participate in the programme. Applicants must meet language proficiency criteria assessed at an interview in the year preceding the course. *Limited entry. See limitation of entry regulations.*

Electrical and Electronic Engineering

Department of Electrical and Computer Engineering

ENEL 200 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 Dean of Engineering and Forestry.

R: ENEL 211

ENEL200-13W (C) Whole Year (S1 and S2)**ENEL 220 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. Linear system behaviour.

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

R: ENEL 202

ENEL220-13W (C) Whole Year (S1 and S2)**ENEL 270 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: Subject to the approval of the Dean of Engineering and Forestry.

R: ENEL 203

ENEL270-13S1 (C) Semester 1**ENEL 280 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: ENEL 204

ENEL280-13S1 (C) Semester 1**ENEL 290 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, antenna basics and electromagnetic interference. Electrical engineering materials: conductors, insulators and semiconductors.

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

R: ENEL290-13S2 (C)

Semester 2**ENEL 300 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: ENEL 200, ENCE 260, ENEL 270

R: ENEL 350

ENEL300-13W (C) Whole Year (S1 and S2)**ENEL 301 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. Specifically, the course formally covers the following graduate competencies required for engineers as per the Washington Accord Graduate (2009).

P: 15 points of any First Professional Engineering course

R: ENEL 350

ENEL301-13W (C) Whole Year (S1 and S2)**ENEL 320 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), DTFT/DFT and FIR/IIR filter design.

P: ENEL 220, EMTH 210, ENEL 321

R: ENEL 332, ENEL 351

ENEL320-1352 (C) Semester 2

ENEL 321 Control Systems

15 Points 0.1250 EFTS

System modelling. Continuous-time and discrete-time system dynamics. Time domain and frequency domain analysis. Feedback control. Control system performance and robustness. Control system design techniques.

P: ENEL 220, EMTH 210

R: ENEL 351

ENEL321-1351 (C) Semester 1

ENEL 370 Electronics 1

15 Points 0.1250 EFTS

BJT, FET and MOSFET models and circuit simulation. Transistor biasing. Single-stage amplifiers: CE, CC, CB, CS and CD. Multi-stage amplifiers. Differential pair. Class B push-pull amplifiers. Feedback in transistor amplifiers. Operational amplifier architecture. Passive and active filter circuits, ADC circuits, DAC circuits.

P: ENEL 270, ENEL 220 or ENMT 201

R: ENEL 333

ENEL370-1351 (C) Semester 1

ENEL 371 Power Electronics 1

15 Points 0.1250 EFTS

Single switch dc/dc converters. PWM, dc to ac converters, ac motor control. Controlled and uncontrolled rectifiers, brushed dc motor control.

P: ENEL 270, ENEL 220 or ENMT 201

R: ENEL 335

ENEL371-1352 (C) Semester 2

ENEL 380 Power Systems 1

15 Points 0.1250 EFTS

This course is designed to give a basic grasp of a broad range of topics that are the foundations of power system engineering. These topics can be categorized as; electrical power system design, operation and analysis. The basics of power system layout, substation layout, and of generation, transmission and distribution networks are covered. Also the structure of the New Zealand electricity industry and the electricity market will be presented. The fundamentals of power transfer and control are presented. Students are introduced to different types of analysis such as; Power-flow analysis. Fault analysis, Transient Stability, Harmonics analysis and electromagnetic transients. In the process system component modelling and operation are dealt with. System protection will also be covered.

P: ENEL 280, ENEL 220

R: ENEL 352

ENEL380-1352 (C) Semester 2

ENEL 381 Electrical Machines 1

15 Points 0.1250 EFTS

Synchronous Machines, Induction Machines (single & three phase), DC Machines (Permanent magnet machines & wire wound), Permanent magnet synchronous machines, Brushless DC machines, Switched reluctance machines, Stepper motors, Voltage regulators (e.g. moving coil), Circuit Breakers/VTs/CTs/Earth Switches, Insulation (solid/liquid/gases), characteristics & breakdown.

P: ENEL 280

R: ENEL 352

ENEL381-1351 (C) Semester 1

ENEL 391 Electronic Devices

15 Points 0.1250 EFTS

Semiconductor materials and devices. Radiofrequency devices: signal diodes and transistors. Power electronic devices: power diodes and transistors. Digital devices and circuits: CMOS devices, layout and fabrication principles. Optoelectronic devices: light-emitting diodes, laser diodes, solar cells.

P: ENEL 270, ENEL 290

R: ENEL 334

ENEL391-1352 (C) Semester 2

ENEL 400 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: ENEL 427, ENCE 427

ENEL400-13W (C) Whole Year (S1 and S2)

ENEL 420 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. Transforming signals with applications in 1D and 2D. Statistical processing of signals. Methods for multirate processing of signals.

P: ENEL 320

R: ENEL 440

ENEL420-1352 (C) Semester 2

ENEL 422 Communications Engineering

15 Points 0.1250 EFTS

Topics covered: baseband transmission, signal space, digital modulation and reception, equalization, communications systems, queuing theory, error control coding and networking

P: ENEL 320

R: ENEL 433

ENEL422-1351 (C) Semester 1

ENEL 441 Special Topic

15 Points 0.1250 EFTS

P: Subject to approval of the Head of Department.

ENEL441-13W (C) Whole Year (S1 and S2)**ENEL 442 Special Topic in Electrical and Electronic Engineering**

15 Points 0.1250 EFTS

P: Subject to approval of the Head of Department.

ENEL442-13S1 (C) Semester 1**ENEL442-13W (C) Whole Year (S1 and S2)****ENEL442-13S2 (C) Semester 2****ENEL 443 Independent Course of Study**

15 Points 0.1250 EFTS

P: Subject to approval of the Head of Department.

ENEL443-13S1 (C) Semester 1**ENEL443-13W (C) Whole Year (S1 and S2)****ENEL443-13S2 (C) Semester 2****ENEL 470 Electronics 2**

15 Points 0.1250 EFTS

This course provides a foundation for electronic microwave and RF circuit design using microstrip circuit technologies. Topic covered include: Review of transmission lines. Smith charts. Single-stub matching. Microstripline. Scattering parameters. Amplifier gain and stability. Microwave amplifier design. Noise parameters. Low noise amplifier design. Microwave oscillators and mixers. Introduction to microwave power amplifiers.

P: ENEL 290 and ENEL 370

R: ENEL 434

ENEL470-13S2 (C) Semester 2**ENEL 471 Power Electronics 2**

15 Points 0.1250 EFTS

High Frequency Switching Converters, Multi-switch forward converters, Converter Modelling and Control, HF magnetics design, Snubbers, EMI and Thermal management, Semiconductor switch properties, resonant converters, induction machine properties, drives, starters and control, multi-level converters.

P: ENEL 371

R: ENEL 436

ENEL471-13S2 (C) Semester 2**ENEL 480 Power Systems 2**

15 Points 0.1250 EFTS

This course is designed to build on Power Systems 1 (ENEL 380) by giving a more in-depth treatment of some areas while introducing new areas such as reliability assessment are introduced. Issues such as renewable energy, sustainability and environmental impact will be covered, as will new developments in power systems, in the process of teaching this course and by using a design assignment as problem-based learning tool. Topic covered include: Power-flow, Fault analysis, Reliability analysis,

Power Quality, Renewable energy, Smart Grids, Power Electronics in Power System (SVC, STATCOM, HVDC)

P: ENEL 380

R: ENEL 437

ENEL480-13S1 (C) Semester 1**ENEL 481 Electrical Machines 2**

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: ENEL 381, Subject to the approval of the Dean of Engineering and Forestry.

R: ENEL 439

ENEL481-13S2 (C) Semester 2**ENEL 490 Electromagnetics**

15 Points 0.1250 EFTS

Not offered in 2013

This course provides a foundation for microwave electromagnetics. Topic covered include: Scattering parameters, computer aided analysis of planar microwave circuits, guided electromagnetic waves, transmission lines and waveguides, cavity resonators, coupled transmission lines, and antennas.

P: ENEL 290

R: ENEL 432

ENEL 491 Nano Engineered Electronic 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 nanoelectronics.

P: ENEL 391

R: ENEL 435, ENEL 672

ENEL491-13S1 (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.

ENEL 614 Signals in Biomedicine

0.1250 EFTS

Not offered in 2013

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: ENEL 514

ENEL 619 Computational Image Recovery
0.1250 EFTS

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.

ENEL619-13S1 (C) Semester 1

ENEL 650 Advanced Digital Communications
0.1250 EFTS

Not offered in 2013

Signal Space Concepts. Maximum Likelihood and Maximum a Posteriori Probability receiver principles. Channel capacity. Coded modulation techniques. Introductory space-time processing and coding. Channel Estimation and equalization approaches.

P: Subject to approval of the Head of Department.

ENEL 651 Special Topic
0.1250 EFTS

Not offered in 2013

P: Subject to approval of the Head of Department.

ENEL 652 Special Topic
0.1250 EFTS

Not offered in 2013

P: Subject to approval of the Head of Department.

R: ENEL 552

ENEL 657 Applied Digital Signal Processing
0.1250 EFTS

Not offered in 2013

The goal of this course is to provide an understanding and the necessary experience in the development of digital signal processing algorithms and their DSP architectures. The study of specialised DSP applications and the development of efficient programming techniques are key goals.

P: Subject to approval of the Head of Department.

ENEL 660 Special Topic
0.1250 EFTS

Not offered in 2013

P: Subject to approval of the Head of Department.

ENEL 663 Independent Course of Study
0.1250 EFTS

P: Subject to approval of the Head of Department.

ENEL663-13S1 (C) Semester 1

ENEL663-13W (C) Whole Year (S1 and S2)

ENEL663-13S2 (C) Semester 2

ENEL 664 Special Topic
0.1250 EFTS

P: Subject to approval of the Head of Department.

R: ENEL 564

ENEL664-13S1 (C) Semester 1

ENEL 673 Special Topic
0.1250 EFTS

Not offered in 2013

P: Subject to approval of the Head of Department.

ENEL 675 Special Topic: Advanced Embedded Systems
0.1250 EFTS

Not offered in 2013

This course focuses on software systems addressing the hardware/software interface of embedded computer systems. It looks at issues related to hard and soft real time applications and operating systems. Topics covered include: the boot process, program linking and loading, device drivers and hardware abstraction, interrupts, timing, debugging and testing, profiling and optimisation, threads and scheduling, memory allocation, semaphores and locks, queues and buffers, operating systems. Assessment: Single project, including development of a Linux device driver and report.

P: Subject to approval of the Head of Department.

ENEL 679 Special Topic
0.1250 EFTS

Not offered in 2013

P: Subject to approval of the Head of Department.

ENEL 685 Electrical Postgraduate Project
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.

ENEL685-13A (C) Starts Any time

ENEL685-13W (C) Whole Year (S1 and S2)

ENEL685-13CY (C) Cross Year

ENEL 690 Electrical ME Thesis
1.0000 EFTS

P: Subject to approval of the Head of Department.

ENEL690-13A (C) Starts Any time

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

ENEL 790 Electrical and Electronic Engineering PhD

1.0000 EFTS

P: Subject to approval of the Head of Department.

ENEL790-13A (C) Starts Any time*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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Engineering

College of Engineering

ENGR 101 Foundations of Engineering

15 Points

0.1250 EFTS

This skills-based course will introduce students to engineering concepts and design by designing and building creative solutions to problems. The central idea of engineering design as a fit-for-purpose solution will be introduced. The course will develop information literacy and communication skills for future engineering studies.

ENGR101-13S1 (C) Semester 1**ENGR 102 Engineering Mechanics and Materials**

15 Points

0.1250 EFTS

A course for students advancing in Engineering programmes that requires in-depth analysis of components and structures, ENGR 102 reinforces concepts of free-body diagrams and the mechanics of real life applications (both statics and dynamics).

P: EMTH 118

C: EMTH 119, PHYS 101

ENGR102-12SU2 (C) Summer (Nov 12)**ENGR102-13S2 (C) Semester 2****ENGR 210 Independent Course of Study**

15 Points

0.1250 EFTS

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

ENGR210-13S1 (C) Semester 1**ENGR210-13W (C) Whole Year (S1 and S2)****ENGR210-13S2 (C) Semester 2****ENGR 211 Special Topic in Engineering**

15 Points

0.1250 EFTS

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

ENGR211-13S1 (C) Semester 1**ENGR211-13W (C) Whole Year (S1 and S2)****ENGR211-13S2 (C) Semester 2****ENGR 212 Special Topic in Engineering**

15 Points

0.1250 EFTS

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

ENGR212-13S1 (C) Semester 1**ENGR212-13W (C) Whole Year (S1 and S2)****ENGR212-13S2 (C) Semester 2****ENGR 301 Special Topic in Engineering**

15 Points

0.1250 EFTS

P: Subject to approval of the Head of Department.

ENGR301-13S1 (C) Semester 1**ENGR301-13W (C) Whole Year (S1 and S2)****ENGR301-13S2 (C) Semester 2****ENGR 302 Special Topic in Engineering**

15 Points

0.1250 EFTS

P: Subject to approval of the Head of Department.

ENGR302-13S1 (C) Semester 1**ENGR302-13W (C) Whole Year (S1 and S2)****ENGR302-13S2 (C) Semester 2****ENGR 303 Special Topic in Engineering**

15 Points

0.1250 EFTS

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

ENGR303-13S1 (C) Semester 1**ENGR303-13W (C) Whole Year (S1 and S2)****ENGR303-13S2 (C) Semester 2****ENGR 304 Independent Course of Study**

15 Points

0.1250 EFTS

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

ENGR304-13S1 (C) Semester 1**ENGR304-13W (C) Whole Year (S1 and S2)****ENGR304-13S2 (C) Semester 2****ENGR 310 Independent Course of Study**

15 Points

0.1250 EFTS

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

ENGR310-13S1 (C) Semester 1**ENGR310-13W (C) Whole Year (S1 and S2)****ENGR310-13S2 (C) Semester 2****ENGR 401 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: (1) ENME 345 or (2) Subject to Head of Department approval

ENGR401-13S1 (C) Semester 1**ENGR 402 Special Topic**

15 Points

0.1250 EFTS

P: Subject to approval of the Head of Department.

ENGR402-13S2 (C) Semester 2**ENGR 403 Introduction to 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.

ENGR403-13SU1 (C) Summer (Jan 13)

ENGR403-13S1 (C) Semester 1

ENGR 404 Renewable Energy Technologies and Management

15 Points 0.1250 EFTS

Renewable energy technologies including: Energy in the New Zealand context, renewable energy resource management, principles of advanced energy technologies such as photovoltaic's and fuel cells, and the importance of advanced materials in energy technologies.

P: Subject to approval of the Director of Studies.

R: ENCH 422

ENGR404-13S1 (C) Semester 1

ENGR 405 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 pollution control, air pollution, and contaminated groundwater remediation, as well as to expose the student to other less frequent pollution sources, such as noise pollution.

P: Subject to approval of the Director of Studies.

R: ENCH 421

ENGR405-13S1 (C) Semester 1

ENGR 406 Wood and Engineered Wood Products Processing

15 Points 0.1250 EFTS

Introduction to wood processing industry; fundamentals on wood physics, structure and chemistry; processing of solid wood (timber) and engineered wood products as well as forestry contribution to low carbon renewable energy

P: Subject to approval of the Director of Studies.

R: ENCH 427 and ENCH 429

ENGR406-13S1 (C) Semester 1

ENGR 407 Bioprocess Engineering 1

15 Points 0.1250 EFTS

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

P: ENCH 281 or subject to approval of the Director of Studies.

R: ENCH 323

ENGR407-13S1 (C) Semester 1

ENGR 408 Special Topic in Engineering

15 Points 0.1250 EFTS

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

ENGR408-13S1 (C) Semester 1

ENGR408-13W (C) Whole Year (S1 and S2)

ENGR408-13S2 (C) Semester 2

ENGR 410 Independent Course of Study

15 Points 0.1250 EFTS

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

ENGR410-13S1 (C) Semester 1

ENGR410-13W (C) Whole Year (S1 and S2)

ENGR410-13S2 (C) Semester 2

ENGR 411 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.

ENGR411-13S1 (C) Semester 1

ENGR411-13W (C) Whole Year (S1 and S2)

ENGR411-13S2 (C) Semester 2

ENGR 476 Independent Course of Study

15 Points 0.1250 EFTS

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

ENGR476-13S1 (C) Semester 1

ENGR476-13W (C) Whole Year (S1 and S2)

ENGR476-13S2 (C) Semester 2

ENGR 477 Independent Course of Study

15 Points 0.1250 EFTS

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

ENGR477-13S1 (C) Semester 1

ENGR477-13W (C) Whole Year (S1 and S2)

ENGR477-13S2 (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.

ENGR 601 Advanced Computational Fluid Dynamics

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 Head of Department.

R: ENGR 401

RP: Bachelors degree in Engineering or equivalent

ENGR601-13S1 (C) Semester 1

ENGR 675 Independent Course of Study

0.1250 EFTS

P: Subject to approval of the Head of Department.

ENGR675-13S1 (C) Semester 1

ENGR675-13W (C) Whole Year (S1 and S2)

ENGR675-13S2 (C) Semester 2

ENGR 682 Special Topic in Engineering - Project
0.1250 EFTS

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

ENGR682-13S1 (C)	Semester 1
ENGR682-13W (C)	Whole Year (S1 and S2)
ENGR682-13S2 (C)	Semester 2

ENGR 683 Special Topic in Engineering - Project
0.2500 EFTS

Students will gain experience in performing research in an engineering field.

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

ENGR683-13A (C)	Starts Any time
ENGR683-13S1 (C)	Semester 1
ENGR683-13W (C)	Whole Year (S1 and S2)
ENGR683-13S2 (C)	Semester 2

ENGR 684 Special Topic: Parallel Computing Architectures
0.1250 EFTS

This one week course provides students with an understanding of the different type of parallel computer architectures available today that are used in computational science and engineering disciplines to solve complex problems. In addition it also provides the student with an introduction to Grid Computing, a phenomenon becoming more widely used in Scientific Computing.

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

ENGR684-13X (C) 11 Mar 2013 - 17 Mar 2013**ENGR 685 Special Topic: Structured Programming for Scientific Computing**
0.1250 EFTS

Many packages, such as MATLAB, are used at a graduate level to solve scientific problems. The disadvantage of this is students, who go on to make use of High Performance Computing, may not have the necessary skills and experience in developing their own programs or modifying existing scientific applications. This course provides the student, after an intensive introduction to compiled languages such as C, C++ and Fortran, the necessary skills to design, develop and run structured parallelised programs on a UNIX/LINUX supercomputing environment. The student applies some of the techniques introduced in ENGR 684 to profile, optimise and parallelise serial code/numerical methods using various tools available on the BlueFern Facilities, including OpenMP [An Application Program Interface (API) to explicitly direct multi-threaded, shared memory parallelism].

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

ENGR685-13X (C) 29 Apr 2013 - 05 May 2013**ENGR 686 Special Topic: Parallel Programming using the Message Passing Interface**
0.1250 EFTS

Most of the applications on the majority of the world's supercomputers are parallelised using Message Passing Interface (MPI). The MPI standard defines a core library of software routines to assist in turning serial applications into

parallel ones that can run on shared or distributed memory systems. This one week course provides students, through lectures, tutorials and assessments the skills required to write parallel programs using this programming model, and is directly applicable to almost every parallel computer architecture.

P: ENGR 685 or subject to approval of the Head of Department.

RP: Experience of a High Performance Computing environment and Programming language and such as C/C++ (ENGR 685) or FORTRAN.

ENGR686-13X (C) 14 Oct 2013 - 20 Oct 2013**ENGR 687 Special Topic: Distributed Computing Visualisation**
0.1250 EFTS

Fundamental to research when working on computational problems is the ability to visualise results. This course provides the student, through lectures, tutorials and assessments, with an introduction to visualisation and makes use of a number of scientific visualisation tools to display results from computational problems.

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

ENGR687-13A (C) Starts Any time

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.

ENGE 410 Engineering Geology Field Methods
0.1250 EFTS

This course focuses on practical field skills, data collection, analysis and the presentation of results from field work. It also introduces generating maps and engineering geological models using traditional and computing-based methods.

P: (1) GEOL 351 and (2) Geol 352 and (3) approval from the Head of Department of Geological Sciences.

R: ENGE 471

ENGE410-13S1 (C) Semester 1**ENGE 411 Engineering Construction Practice**
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

ENGE411-13S2 (C) Semester 2

ENGE 412 Rock Mechanics and Rock Engineering

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

ENGE412-13S1 (C) Semester 1**ENGE 413 Soil Mechanics and Soil Engineering**

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

ENGE413-13S2 (C) Semester 2**ENGE 414 Applied Hydrogeology**

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

ENGE414-13S1 (C) Semester 1**ENGE 415 Engineering Geomorphology and Geohazards**

0.1250 EFTS

This course covers the principles and processes of landform evolution - tectonic, fluvial, mass movement, coastal, volcanic, glacial erosion and deposition: with application to site selection, field exercises, case studies.

P: Approval from the Head of Department of Geological Sciences.

R: ENGE 477; ENGE 486

ENGE415-13S2 (C) Semester 2**ENGE 416 Engineering Geology Design Projects**

0.1250 EFTS

The content of this course is not fixed, and the principal aim is to allow student groups to conduct a supervised design project within a single semester. 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

ENGE416-13S2 (C) Semester 2**ENGE 481 Special Topic**

0.1250 EFTS

P: Subject to approval of the Head of Department.

ENGE481-13S1 (C) Semester 1**ENGE 482 Special Topic**

0.1250 EFTS

P: Subject to approval of the Head of Department.

ENGE482-13S2 (C) Semester 2**ENGE 490 Research Project**

0.3333 EFTS

P: Subject to approval of the Head of Department.

ENGE490-13X (C) 14 Jan 2013 - 06 Oct 2013**ENGE490-13CY (C) Cross Year****ENGE 491 Research Project**

0.1250 EFTS

P: Subject to approval of the Head of Department.

ENGE491-13S1 (C) Semester 1**ENGE491-13S2 (C) Semester 2****ENGE 690 MSc Thesis**

1.0000 EFTS

P: Subject to approval of the Head of Department.

ENGE690-13A (C) Starts Any time*Part-time enrolment (0.65 EFTS) is available on approval.***ENGE 790 Engineering Geology PhD**

1.0000 EFTS

P: Subject to approval of the Head of Department.

ENGE790-13A (C) Starts Any time*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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Engineering Management

Masters in Engineering Management 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.

ENMG 601 Engineering Accounting 0.1000 EFTS

Financial Accounting, Management Accounting.

P: Subject to approval of the Programme Director.

ENMG601-13W (C) Whole Year (S1 and S2)

ENMG 602 Engineering Economics and Finance 0.1000 EFTS

Microeconomics, Macroeconomics, Finance.

P: Subject to approval of the Programme Director.

ENMG602-13W (C) Whole Year (S1 and S2)

ENMG 603 Legal and Human Resources 0.1000 EFTS

Business Law, Human Resources Management, Intellectual Property Law and Management.

P: Subject to approval of the Programme Director.

ENMG603-13W (C) Whole Year (S1 and S2)

ENMG 604 Technology, Innovation and Engineering Management 0.1000 EFTS

Engineering Management, Technology and Innovation Management, Quality Management, Project Management, Maintenance Management.

P: Subject to approval of the Programme Director.

ENMG604-13W (C) Whole Year (S1 and S2)

ENMG 605 Marketing, Selling and Service 0.1000 EFTS

Marketing, Sales, Strategic Marketing.

P: Subject to approval of the Programme Director.

ENMG605-13W (C) Whole Year (S1 and S2)

ENMG 606 Strategic Management 0.1000 EFTS

Strategic Management, Systems Engineering, Commercialisation, Operations Management.

P: Subject to approval of the Programme Director.

ENMG606-13W (C) Whole Year (S1 and S2)

ENMG 607 Special Topic 0.1000 EFTS

P: Subject to approval of the Programme Director.

ENMG607-13W (C) Whole Year (S1 and S2)

ENMG 608 Special Topic 0.1000 EFTS

P: Subject to approval of the Programme Director.

ENMG608-13W (C) Whole Year (S1 and S2)

ENMG 609 Special Topic 0.1000 EFTS

P: Subject to approval of the Programme Director.

ENMG609-13W (C) Whole Year (S1 and S2)

ENMG 680 Management ME Project 0.4000 EFTS

Project in Engineering Technology or Innovation Management or Commercialisation to be undertaken.

P: Subject to approval of the Programme Director.

ENMG680-13A (C) Starts Any time

ENMG 790 Engineering Management PhD 1.0000 EFTS

P: Subject to approval of the Programme Director.

ENMG790-13A (C) Starts Any time

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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Engineering Mathematics

Department of Mathematics and Statistics

EMTH 118 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.

R: MATH 102, MATH 108, MATH 199

EMTH118-13S1 (C) Semester 1

EMTH118-13S2 (C) Semester 2

EMTH 119 Engineering Mathematics 1B 15 Points 0.1250 EFTS

A continuation of EMTH 118. 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: MATH 102, MATH 108 or EMTH 118

R: MATH 103, MATH 109, MATH 199

EMTH119-12SU2 (C) Summer (Nov 12)

EMTH119-13S2 (C) Semester 2

EMTH 171 Mathematical Modelling and Computation

15 Points 0.1250 EFTS
 An introduction to mathematical modelling and simulation via case studies using standard computer packages. Structured programming for mathematical problem solving.
 R: MATH 170, MATH 171
 RP: MATH 109 or EMTH 119 (prior or concurrent enrolment recommended). If you are taking EMTH 171 concurrently with EMTH 118 you are likely to experience difficulties.
EMTH171-13S2 (C) Semester 2

EMTH 200 Special Topic in Engineering Mathematics

15 Points 0.1250 EFTS
 P: Subject to the approval of the Dean of Engineering and Forestry.
EMTH200-13S1 (C) Semester 1
EMTH200-13S2 (C) Semester 2

EMTH 201 Independent Course of Study

15 Points 0.1250 EFTS
 P: Subject to the approval of the Dean of Engineering and Forestry.
EMTH201-13S1 (C) Semester 1
EMTH201-13S2 (C) Semester 2

EMTH 210 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: EMTH 202, EMTH 204, MATH 201, MATH 261, MATH 262, MATH 264
EMTH210-13S1 (C) Semester 1

EMTH 211 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.
 R: EMTH 203, EMTH 204, MATH 203, MATH 254, MATH 252, MATH 251
 RP: EMTH 210
EMTH211-13S2 (C) Semester 2

EMTH 271 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. Engineering applications using spreadsheets.
 P: (1) EMTH 171, MATH 170 or MATH 171; (2) Subject to approval of the Dean of Engineering and Forestry.
 R: MATH 270, MATH 271

EMTH271-13S2 (C) Semester 2

EMTH 410 Special Topic in Engineering Mathematics

15 Points 0.1250 EFTS
 P: Subject to the approval of the Head of Department.
EMTH410-13W (C) Whole Year (S1 and S2)
EMTH410-13S1 (C) Semester 1
EMTH410-13S2 (C) Semester 2

EMTH 411 Special Topic in Engineering Mathematics

15 Points 0.1250 EFTS
 P: Subject to approval of the Head of Department.
EMTH411-13W (C) Whole Year (S1 and S2)
EMTH411-13S1 (C) Semester 1
EMTH411-13S2 (C) Semester 2

EMTH 413 Special Topic in Engineering Mathematics

15 Points 0.1250 EFTS
 P: Subject to Head of Department approval.
EMTH413-13S1 (C) Semester 1
EMTH413-13S2 (C) Semester 2

EMTH 414 Special Topic in Engineering Mathematics

15 Points 0.1250 EFTS
 P: Subject to Head of Department approval.
EMTH414-13S1 (C) Semester 1
EMTH414-13S2 (C) Semester 2

EMTH 415 Special Topic in Engineering Mathematics

15 Points 0.1250 EFTS
 P: Subject to approval of Head of Department.
EMTH415-13S1 (C) Semester 1
EMTH415-13S2 (C) Semester 2

EMTH 416 Special Topic

15 Points 0.1250 EFTS
 P: Subject to Head of Department approval.
EMTH416-13S1 (C) Semester 1
EMTH416-13S2 (C) Semester 2

EMTH 417 Special Topic in Engineering Mathematics

15 Points 0.1250 EFTS
EMTH417-13S1 (C) Semester 1
EMTH417-13S2 (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.

EMTH 600 Dynamical Systems

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 Department.

EMTH600-13S1 (C)	Semester 1
EMTH600-13S2 (C)	Semester 2

EMTH 601 Continuous Biological Systems

0.1250 EFTS

The application of mathematical modelling and differential equations to biology, in particular to cell physiology.

P: Subject to approval of the Head of Department.

EMTH601-13S1 (C)	Semester 1
EMTH601-13S2 (C)	Semester 2

EMTH 602 Fluid Mechanics

0.1250 EFTS

Applications of differential equations to fluid mechanics.

P: Subject to approval of the Head of Department.

EMTH602-13S1 (C)	Semester 1
EMTH602-13S2 (C)	Semester 2

EMTH 603 Numerical Solution of Partial Differential Equations

0.1250 EFTS

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 Department.

EMTH603-13S1 (C)	Semester 1
EMTH603-13S2 (C)	Semester 2

EMTH 604 Unconstrained Optimisation

0.1250 EFTS

Practical and theoretical aspects of the design and development of algorithms for the optimisation of functions of several variables.

P: Subject to approval of the Head of Department.

EMTH604-13S1 (C)	Semester 1
EMTH604-13S2 (C)	Semester 2

EMTH 605 Approximation Theory

0.1250 EFTS

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 Department.

EMTH605-13S1 (C)	Semester 1
EMTH605-13S2 (C)	Semester 2

EMTH 606 Algebraic and Symbolic Computation

0.1250 EFTS

An introduction to Gröbner bases and applications of systems of multivariate polynomial equations.

P: Subject to approval of the Head of Department.

EMTH606-13S1 (C)	Semester 1
EMTH606-13S2 (C)	Semester 2

EMTH 607 Cryptography and Coding Theory

0.1250 EFTS

The mathematics of binary linear codes.

P: Subject to approval of the Head of Department.

EMTH607-13S2 (C)	Semester 2
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EMTH 608 Industrial Case Studies

0.1250 EFTS

Not offered in 2013

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 Department.

EMTH 609 Special Topic in Engineering Mathematics

0.1250 EFTS

P: Subject to approval of the Head of Department.

EMTH609-13W (C)	Whole Year (S1 and S2)
EMTH609-13S1 (C)	Semester 1
EMTH609-13S2 (C)	Semester 2

EMTH 610 Special Topic in Engineering Mathematics

0.1250 EFTS

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

EMTH610-13W (C)	Whole Year (S1 and S2)
EMTH610-13S1 (C)	Semester 1
EMTH610-13S2 (C)	Semester 2

EMTH 611 Advanced Mathematical Methods

0.1250 EFTS

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 Department.

RP: BE (Hons) or equivalent

EMTH611-13S1 (C)	Semester 1
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EMTH 612 Advanced Computational Techniques

0.1250 EFTS

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 Department.

RP: BE (Hons) or equivalent

EMTH612-13S2 (C) Semester 2**EMTH 613 Advanced Statistical Methods**

0.1250 EFTS

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 Department.

RP: BE (Hons) or equivalent

EMTH613-13S1 (C) Semester 1**EMTH 614 Advanced Differential Equations**

0.1250 EFTS

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 Department.

RP: BE (Hons)

EMTH614-13S1 (C) Semester 1**EMTH 620 High Performance Computing**

0.1250 EFTS

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 Department.

RP: BE (Hons)

EMTH620-13S2 (C) Semester 2**EMTH 675 Independent Course of Study**

0.1250 EFTS

P: Subject to approval of the Head of Department.

EMTH675-13W (C) Whole Year (S1 and S2)**EMTH675-13S1 (C) Semester 1****EMTH675-13S2 (C) Semester 2****EMTH 680 Project (Full time)**

0.5000 EFTS

P: Subject to approval of the Head of Department.

EMTH680-13W (C) Whole Year (S1 and S2)

English

*School of Humanities***ENGL 102 Introduction to English**

15 Points

0.1250 EFTS

An introduction to the academic study of literature, designed to provide fundamental skills. The emphasis is on small group instruction in the writing of essays.

ENGL102-13S1 (C) Semester 1**ENGL 105 New Zealand Literature 1**

15 Points

0.1250 EFTS

Not offered in 2013

An account of the development of New Zealand literature during the 20th century, from the late colonial period to the rise of alternative literatures by women and Māori in the last thirty years.

ENGL 107 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.

ENGL107-13S2 (C) Semester 2**ENGL 109 American Literature**

15 Points

0.1250 EFTS

A broad introduction to American literature, with an emphasis on twentieth century fiction. The programme is structured around three key terms: romanticism, modernism, and postmodernism.

R: AMST 110

ENGL109-13S1 (C) Semester 1**ENGL 110 Māori Writing in English**

15 Points

0.1250 EFTS

Not offered in 2013

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.

ENGL 115 Childhood in Children's Literature

15 Points

0.1250 EFTS

Not offered in 2013

An introduction to the changing representations of the child and childhood in children's literature from the late 18th century to the present.

R: ENGL 212, GEND 105

EQ: GEND 105

ENGL 117 Writing the Academic Essay

15 Points 0.1250 EFTS

Writing the Academic Essay 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.

ENGL117-13S1 (C) Semester 1

ENGL117-13S2 (C) Semester 2

ENGL 118 Creative Writing: Skills, Techniques and Strategies

15 Points 0.1250 EFTS

Not offered in 2013

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.

ENGL 132 Cultural Studies: Reading Culture

15 Points 0.1250 EFTS

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: CULT 132

EQ: CULT 132

ENGL132-13S2 (C) Semester 2

ENGL 201 The Essay and Beyond: Tradition and Practice in Non-Fiction Writing

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: Either 15 points of ENGL at 100-level with a B pass, or 30 points of ENGL at 100-level, or any 45 points from the Arts Schedule.

ENGL201-13S2 (C) Semester 2

ENGL 203 The Eighteenth Century Novel

15 Points 0.1250 EFTS

Not offered in 2013

This course traces the origins and development of the English novel up to the Romantic period. It explores some of the questions raised by that statement and studies the diverse and imaginative responses of writers to some of the major literary and non-literary issues of the period.

P: Either 15 points of ENGL at 100-level with a B pass, or 30 points of ENGL at 100-level, or any 45 points from the Arts Schedule.

ENGL 209 Australian Writing and Culture

15 Points 0.1250 EFTS

Not offered in 2013

This course studies a selection of Australian works of fiction and examines the role of literature in the development of myths of settler identity. Themes covered include the convict coast, the romance of the outback, squatters and selectors, and the city and the beach.

P: Either 15 points of ENGL at 100-level with a B pass, or 30 points of ENGL at 100-level, or any 45 points from the Arts Schedule.

ENGL 210 New Zealand Literature 2

15 Points 0.1250 EFTS

An account of the last thirty years in New Zealand literature, with particular reference to the rise of Māori writing in English, life-writing and the impact of postmodernism in the period.

P: Either 15 points of ENGL at 100-level with a B pass, or 30 points of ENGL at 100-level, or any 45 points from the Arts Schedule.

ENGL210-13S1 (C) Semester 1

ENGL 213 Children's Classics: Popular Children's Texts and their Representation on Film

15 Points 0.1250 EFTS

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: Either 15 points of ENGL at 100-level with a B pass, or 30 points of ENGL at 100-level, or any 45 points from the Arts Schedule.

ENGL213-13S1 (C) Semester 1

ENGL 217 Special Topic

15 Points 0.1250 EFTS

Not offered in 2013

P: 15 points of ENGL at 100-level with a B pass, or 30 points of ENGL at 100-level, or any 45 points from the Arts Schedule.

ENGL 218 Bloody Satisfaction: Revenge from the Greeks to Kill Bill

15 Points 0.1250 EFTS
Greek literature gives us many examples of bloody and terrible revenge - examples that have not been lost on the School of Shakespeare who followed them. This course will focus on revenge in texts ranging from Aeschylus' Oresteia trilogy to Quentin Tarantino's movie Kill Bill. In the process, we will see how revenge has been understood and portrayed since classical times. As we examine this theme, we will also analyze the roles played in revenge narratives by cultural constructs such as race, class, and gender. A note of caution: Many of the texts in this course include fairly graphic violence and disturbing incidents. If you do not like reading about or viewing representations of: swordfights, beheadings, poisonings, rape, adultery, animal deaths, live burials, and the like, then this course is not for you.

P: 15 points of ENGL at 100-level with a B pass, or 30 points of ENGL at 100-level, or any 45 points from the Arts Schedule.

RP: ENGL 107 Shakespeare

ENGL218-1351 (C) Semester 1

ENGL 220 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: 15 points of ENGL at 100-level with a B pass, or 30 points of ENGL at 100-level, or any 45 points from the Arts Schedule.

ENGL220-1352 (C) Semester 2

ENGL 231 Creative Writing: Poetry

15 Points 0.1250 EFTS

Not offered in 2013

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: Either 15 points of ENGL at 100-level with a B pass, or 30 points of ENGL at 100-level, or any 45 points from the Arts Schedule.

R: ENGL 230

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.

ENGL 232 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: Either 15 points of ENGL at 100-level with a B pass, or 30 points of ENGL at 100-level, or any 45 points from the Arts Schedule.

R: CULT 202

EQ: CULT 202

ENGL232-1352 (C) Semester 2

ENGL 233 Creative Writing for Stage

15 Points 0.1250 EFTS

Not offered in 2013

This course combines the development of students' creative writing with teaching of the practical skills and dramaturgic techniques of scripting for stage.

P: Either 15 points of ENGL at 100-level with a B pass, or 30 points of ENGL at 100-level, or any 45 points from the Arts Schedule.

R: ENGL 234

ENGL 236 Contemporary American Literature

15 Points 0.1250 EFTS

Not offered in 2013

President John F. Kennedy's assassination, watched by millions, was, according to novelist Don DeLillo, "the seven seconds that broke the back of the American Century." American literature would never be the same. This course examines the way a "world gone inside out," that is, a new culture of media and image, changed the course of literature in America, as well as the way American literature has represented and registered the wrenching course of American history from the 1960s to the present.

P: Any 30 points at 100-level, or with the approval of the Programme Coordinator.

R: AMST 216, AMST 309, AMST 323

EQ: AMST 216

ENGL 237 Hardboiled L.A.: Los Angeles in Literature and Film

15 Points 0.1250 EFTS

Not offered in 2013

This course examines the way Los Angeles has functioned as an imaginative landscape in American fiction and film. The course focuses on the noir genre, because LA noir - with its fantastic convergence of tough guy realism, sex, guns, desperation, and disillusionment - provides one of the most trenchant critiques of the American dream.

P: Any 30 points at 100-level, or with the approval of the Programme Coordinator.

R: AMST 223, AMST 309, AMST 323, CINE 212

EQ: CINE 212, AMST 223

ENGL 238 Creative Writing for Screen

15 Points 0.1250 EFTS

Not offered in 2013

Students who complete this course will emerge with a full understanding of the difference between a theatre-script

and a film-script, and that they will have acquired all the technical skills and information required to set out a film-script of a standard for submission to a professional agent, and a clear understanding of the specific perspectives and values particular to the conception of film as opposed to other genres.

P: Any 75 points.
R: ENGL 234, CINE 210

ENGL 243 From Bambi to Kong: The Animal in American 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: Either 15 points of ENGL at 100-level with a B pass, or 30 points of ENGL at 100-level, or any 45 points from the Arts Schedule.

R: AMST 236, CULT 206, GEND 213, AMST 331, GEND 311, ENGL 349.

EQ: AMST 236, GEND 213, CULT 206

ENGL243-13S2 (C) Semester 2

ENGL 249 American Science Fictions and Intelligent Technologies

15 Points 0.1250 EFTS

Not offered in 2013

From Frankenstein movies, to Agent Smith in the Matrix, to 7 of 9 in Star Trek, to the viruses in Neil Stephenson's Snow Crash, to the Cylons in Battlestar Galactica, science fiction questions the place of human uniqueness and values. Using literary, television, and cinematic evidence, this course examines the utopian hopes and dystopian fears surrounding technology in American sci-fi.

P: Any 30 points at 100-level, or with approval from Programme Coordinator.

R: AMST 233, AMST 345, ENGL 249

EQ: AMST 233

ENGL 251 African American Women Writers

15 Points 0.1250 EFTS

Not offered in 2013

This course addresses the complex interaction of race, gender and class and how this is represented in both literary and non-literary texts by and/or about African American women.

P: 15 points of AMST or ENGL with a B pass, or at least 30 points of AMST or ENGL at 100-level, or any 60 points from the Arts schedule with the approval of the Programme Coordinator.

R: AMST 231, GEND 209, AMST 311, CULT 304, GEND 304

EQ: AMST 231, GEND 209

ENGL 303 The Nineteenth Century Novel

30 Points 0.2500 EFTS

Not offered in 2013

A study of a selection of the most interesting of 19th century English novels, with a particular emphasis on the inter-

relation of the technical, artistic and ideological aspects of literary production.

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.

ENGL 304 Drama: Nineteenth and Twentieth Centuries

30 Points 0.2500 EFTS

An analysis of contemporary 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.

ENGL304-13S1 (C) Semester 1

ENGL 313 Cultures of the Supernatural

30 Points 0.2500 EFTS

This course examines shifting representations of the supernatural and paranormal in American popular culture post-1960s through an analysis of fiction, folklore, visual culture, and gothic and neo-pagan subcultures.

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.

R: AMST 313, CULT 317, AMST 413, ENGL 413, CULT 417

EQ: AMST 313, CULT 317

ENGL313-13S1 (C) Semester 1

ENGL 315 The Twentieth Century Novel

30 Points 0.2500 EFTS

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: 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.

ENGL315-13S2 (C) Semester 2

ENGL 316 New Zealand Literature 3

30 Points 0.2500 EFTS

Not offered in 2013

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: 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.

ENGL 317 Special Topic

30 Points

0.2500 EFTS

Not offered in 2013

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.

R: CULT 301, AMST 327, AMST 431 (2011-12).

ENGL 318 Reading Animals: Beast Fables to Graphic Novels

30 Points

0.2500 EFTS

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; 'human versus beasts' reality TV shows).

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.

ENGL318-1352 (C) Semester 2

ENGL 320 Literary Theory

30 Points

0.2500 EFTS

Not offered in 2013

An introductory survey of some of the recent developments in the field of modern literary theory. The aim of the course is to give a general overview of the field as well as exploring certain issues in greater depth.

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.

R: ARTT 303, ENGL 330

ENGL 332 Sexualities in Culture

30 Points

0.2500 EFTS

Not offered in 2013

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: 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.

R: AMST 332, CULT 303, GEND 307, GEND 211

EQ: CULT 303

ENGL 333 The Exotic

30 Points

0.2500 EFTS

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: 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.

R: ENGL 307, CULT 307, CULT 333

EQ: CULT 333

ENGL333-1351 (C) Semester 1

ENGL 336 Special Topic

30 Points

0.2500 EFTS

Not offered in 2013

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.

ENGL 347 Special Topic: Modernism and American Literature

30 Points

0.2500 EFTS

Not offered in 2013

This course explores the characteristics and contours of American modernism from the 1910s to the mid-twentieth century. With reference to visual arts, architecture, jazz, and other urban forms, the course focuses on literary innovations and specific American contributions to literary modernism: its exploration (spurred by the Darwin and Freud) of human perception and consciousness; the development of a cosmopolitan sensibility; the emergence of an African-American voice; the search for an authentic response to a rapidly changing world where 'all that is solid melts into air'.

P: 15 points of 200-level AMST or ENGL, or approval of the Programme Coordinator.

R: AMST 247, AMST 347, ENGL 247

EQ: AMST 347

ENGL 348 Crime and Punishment in American Culture

30 Points

0.2500 EFTS

Not offered in 2013

How is it that the very same Americans who favor "law and order" politics spend their leisure time engrossed in murder, from CSI to Dexter to Serial Killer Sunday? How come, in the US, there seems to be a "Crime of the Century" every decade? How do we make sense of the fact that the US, amongst the world's most affluent nations, has the single largest prison system ever amassed in the history of the world? What's up with America and crime? This course will focus on representations - in films, literature, true crime narratives, television dramas and news media - of crime and punishment with particular emphasis on the role class, race, gender, and sexuality play in shaping Americans' conceptions of crime.

P: Any 15 points from the Arts or Law schedules at 200-level, or with approval of Programme Coordinator.

R: AMST 238, ENGL 248

EQ: AMST 338

ENGL 349 From Bambi to Kong: The Animal in American Popular Culture

30 Points 0.2500 EFTS

Not offered in 2013

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: 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.

R: ENGL 243, AMST 236, CULT 206, GEND 213, AMST 331, GEND 311

ENGL 350 Creative Writing Masterclass: Special Topics in Creative Writing

30 Points 0.2500 EFTS

Not offered in 2013

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: 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.

ARTS 395 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: Special application and interview, with permission of Internship Director.

RP: Students should attend UC Careers CV writing and Interview skills workshops prior to submitting internship application.

ARTS395-1351 (C) Semester 1**ARTS395-13A (C) Starts Any time****ARTS395-1352 (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/internship> 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.

ENGL 406 Special Topic: Women/Theory/Film

0.2500 EFTS

This course investigates the changing place of women in film: as glamorized spectacle and cultural commodity, as spectators and consumers, but also as creators and theorists. We will explore the development of feminist filmmaking and film theory within an international context, focusing primarily on the interrelation between American films and filmmakers and New Zealand and French national cinemas. We will address topics that have historically engaged women filmmakers, theorists, and scholars. These include: images of women on the screen; the notion of counter-cinema; the use of psychoanalytic theories; issues of female spectatorship; women's place in film genres, and issues related to race, class, and sexual preference as they intersect with feminism.

P: Subject to approval of the Head of Department.

RP: CINE 301: CINE 320/CINE 221

ENGL406-1351 (C) Semester 1**ENGL 408 Screen Shakespeare**

0.2500 EFTS

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: CINE 420

EQ: CINE 420

ENGL408-1351 (C) Semester 1**ENGL 410 Picture (Im)Perfect: Utopia and Dystopia in Literature**

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 Programme Coordinator.

ENGL410-1352 (C) Semester 2

ENGL 411 Writing Nature, Representing Animals

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. ENGL 411 offers an in-depth examination of key areas of this new interdisciplinary field.

P: Subject to approval of the Programme Coordinator.

ENGL411-1351 (C) Semester 1

ENGL 412 Special Topic

0.2500 EFTS

Not offered in 2013

P: Subject to approval of the Programme Coordinator.

ENGL 416 Victorian Cultural Critics

0.2500 EFTS

Not offered in 2013

This course traces the emergence of social criticism in nineteenth-century Britain, emphasizing the manner in which social conflict and consensus shape the individual writer's increasingly divided voice.

P: Subject to approval of the Head of Department.

ENGL 418 Dickens

0.2500 EFTS

Not offered in 2013

A course providing, through a representative selection of his novels, an understanding of the range and the achievement of Dickens the novelist.

P: Subject to approval of the Head of Department.

ENGL 419 Special Topic: Digital Literary Studies

0.2500 EFTS

P: Permission of the Programme Co-ordinator

R: ENGL 317

ENGL419-1352 (C) Semester 2

ENGL 421 Modern Poetry

0.2500 EFTS

Not offered in 2013

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.

ENGL 424 Postcolonial Writing

0.2500 EFTS

Not offered in 2013

This course examines various approaches to reading cultural conflict and hybridity, focusing on texts from selected regions of the postcolonial world.

P: Subject to approval of the Head of Department.

ENGL 425 The Novel since 1945: Contemporary Canadian and New Zealand Fiction

0.2500 EFTS

Not offered in 2013

A course which analyses a selection of late twentieth century novels dealing with political terror.

P: Subject to approval of the Head of Department.

ENGL 426 New Zealand Literature: The Mainland: Writing the South Island

0.2500 EFTS

Not offered in 2013

A study of selected texts by South Island writers in order to establish the notion of a discrete regional tradition in the area.

P: Subject to approval of the Head of Department.

ENGL 427 New Zealand Literature: Recent Writing

0.2500 EFTS

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.

ENGL427-1352 (C) Semester 2

ENGL 430 Mid-Victorian Women Writers

0.2500 EFTS

Not offered in 2013

A study of mid-Victorian women's writing from a variety of genres, ranging from the canonical to sensational bestsellers.

P: Subject to approval of the Head of Department.

R: GEND 409

ENGL 431 Young Adult Fiction

0.2500 EFTS

Not offered in 2013

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.

ENGL 440 Beyond the Lyric: Writing the Long Poem

0.2500 EFTS

Not offered in 2013

By examining a range of contemporary long poems, this course will provide students with theoretical and practical

skills which will facilitate the student's production of a long poem.

P: Admission subject to approval of Programme Director and approval of instructor based upon a submitted portfolio.

ENGL 441 Travel and Imagination in Early Modern English Literature 0.2500 EFTS

Not offered in 2013

This course examines a wide range of early modern literature, including literary Utopias, travel narratives and travel dramas and includes works by Thomas More, Shakespeare, Nashe, Jonson and Montaigne. In looking at the literary origins of English colonialism, this course poses the linked questions of the relationship between the literary imaginings of space and an engagement with politics.

P: Subject to approval of the Head of Department

ENGL 442 Directed Reading and Writing 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

ENGL442-13S1 (C) Semester 1
ENGL442-13S2 (C) Semester 2

ENGL 444 Women/Theory/Film 0.2500 EFTS

Not offered in 2013

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 Programme Coordinator
R: GEND 413, TAFS 406, CINE 401
EQ: GEND 413, CINE 401

ENGL 445 The Essay Film 0.2500 EFTS

Not offered in 2013

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 Programme Coordinator
R: CINE 402
EQ: CINE 402

ENGL 446 National Cinema 0.2500 EFTS

Not offered in 2013

This course explores the concept of national cinema and the role and function of film in projecting national identity in a globalised world.

P: Subject to approval of the Programme Coordinator.
R: CINE 403
EQ: CINE 403

ENGL 480 Research Essay 0.2500 EFTS

P: Subject to approval of the Head of Department.

ENGL480-13S1 (C) Semester 1
ENGL480-13S2 (C) Semester 2

ENGL 481 Creative Writing Project 0.2500 EFTS

The Creative Writing Project provides an opportunity for B.A. (Honours) and first-year M.A. students, particularly those of Schools 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 by Head of Department.

ENGL481-13S1 (C) Semester 1
ENGL481-13S2 (C) Semester 2

ENGL 487 Standardisation of English, History of the Book, and Introduction to Paleography 1350-1800 0.2500 EFTS

Not offered in 2013

ENGL 488 Studies of Imaginative Children's Fiction by Oxford Dons 0.5000 EFTS

Not offered in 2013

ENGL 690 MA Thesis 1.0000 EFTS

P: Subject to approval of the Head of Department.

ENGL690-13A (C) Starts Any time
Part-time enrolment (0.65 EFTS) is available on approval.

ENGL 692 MFA Creative Writing Thesis 1.0000 EFTS

P: Subject to approval of Board of Studies and the Dean of Creative Arts.

ENGL692-13A (C) Starts Any time

ENGL 790 English PhD

1.0000 EFTS

P: Subject to approval of the Head of Department.

ENGL790-13A (C) Starts Any time

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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

ENVR 790 Environmental Science PhD

1.0000 EFTS

P: Subject to approval of the Head of Department.

ENVR790-13A (C) Starts Any time

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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Environmental Science

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.

ENVR 410 Concepts and Principles of Environmental Science

0.1250 EFTS

Basic concepts and principles in environmental science.

P: Subject to approval of the Head of Department.

ENVR410-13S1 (C) Semester 1

ENVR 411 Case Studies in Environmental Science

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.

ENVR411-13S2 (C) Semester 2

ENVR 480 Research Project

0.2500 EFTS

A written report on a research project on a topic in interdisciplinary environmental science approved by the Coordinator. 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.

ENVR480-13W (C) Whole Year (S1 and S2)

ENVR 690 MSc Thesis

1.0000 EFTS

P: Subject to approval of the Head of Department.

ENVR690-13A (C) Starts Any time

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

European Languages and Cultures

School of Languages, Cultures and Linguistics

EULC 101 European Society in Film

15 Points 0.1250 EFTS

This course examines aspects of European culture through French, German and Russian films.

R: FREN 114, FREN 214, GRMN 112, GRMN 212, RUSS 104, RUSS 204

EQ: CINE 110

EULC101-13S1 (C) Semester 1

EULC 104 European Languages in Europe and Beyond

15 Points 0.1250 EFTS

This course introduces the formation of four of the most important languages spoken in Europe by investigating ethnic and cultural background, their development into specific linguistic units based on such factors as migration, colonisation, the rise of nation states, etc., and the role they play today in the dynamics of the European identity. It also examines the development and significance of European languages in the Americas and elsewhere, as well as European languages as spoken by European diasporas outside Europe.

R: FREN 117, GRMN 104, RUSS 102, EURO 104

EQ: EURO 104

EULC104-13S2 (C) Semester 2

EULC 202 The European City

15 Points 0.1250 EFTS

This course explores the history, culture and present-day transformations of major cities in Europe such as London, Paris, Berlin, Moscow and St Petersburg.

P: Any 45 points

R: EULC 302, CULT 316, FREN 215, FREN 315, GRMN 235, GRMN 335, GRMN 345, RUSS 222, RUSS 322

EULC202-13S2 (C) Semester 2

EULC 203 Representing Evil: the Holocaust and its Legacy

15 Points 0.1250 EFTS

Not offered in 2013

This course examines anti-Semitism, the rise of Nazism in the 1920s and 1930s, and the "Final Solution" of Auschwitz, along with subsequent attempts to explain, represent and

come to terms with this "collapse of civilization". It studies literary texts, films and testimonies from Germany, France, Russia and Eastern Europe.

P: Any 45 points

R: EULC 303, FREN 216, FREN 316, GRMN 245, GRMN 346, RUSS 221, RUSS 321

EULC 204 European Novels and Film Adaptations

15 Points 0.1250 EFTS

A study of important European novels and their film adaptations.

P: Any 45 points

R: CINE 214, EULC 304, RUSS 215, RUSS 216

EQ: CINE 214

EULC204-13S2 (C) Semester 2

EULC 302 The European City

30 Points 0.2500 EFTS

This course explores the history, culture and present-day transformations of major cities in Europe such as London, Paris, Berlin, Moscow and St Petersburg.

P: Any 30 points at 200-level

R: CULT 316, EULC 202, FREN 215, FREN 315, GRMN 235,

GRMN 335, GRMN 345, RUSS 222, RUSS 322

EQ: CULT 316

EULC302-13S2 (C) Semester 2

EULC 303 Representing Evil: The Holocaust and its Legacy

30 Points 0.2500 EFTS

Not offered in 2013

This course examines anti-Semitism, the rise of Nazism in the 1920s and 1930s, and the "Final Solution" of Auschwitz, along with subsequent attempts to explain, represent and come to terms with this "collapse of civilization". It studies literary texts, films and testimonies from Germany, France, Russia and Eastern Europe.

P: Any 30 points at 200-level

R: EULC 203, FREN 216, FREN 316, GRMN 245, GRMN 346,

RUSS 221, RUSS 321

EULC 304 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.

R: EULC 204, RUSS 215, RUSS 216

EULC304-13S2 (C) Semester 2

ARTS 395 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: Special application and interview, with permission of Internship Director.

RP: Students should attend UC Careers CV writing and Interview skills workshops prior to submitting internship application.

ARTS395-13S1 (C)

Semester 1

ARTS395-13A (C)

Starts Any time

ARTS395-13S2 (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 www.arts.canterbury.ac.nz/internship for more information.

European Union Studies

National Centre for Research on Europe

EURO 101 Discovering the European Union

15 Points 0.1250 EFTS

The course is designed as an introduction to the process of post-1945 European integration for students who have never studied the European Union previously. The course is divided into four blocs: EU Identity and Values;

EU Institutions; EU Policy Sectors; and EU Enlargement.

EURO101-13S1 (C)

Semester 1

EURO 102 The European Union and Our Region

15 Points 0.1250 EFTS

Not offered in 2013

The aim of this course is to give students the opportunity to critically examine the European Union's actions in our region, focusing on interaction including development, aid, economics and perceptions of the European Union from elites in NZ, Australia and Asia.

EURO 104 European Languages in Europe and Beyond

15 Points 0.1250 EFTS

This course introduces the formation of four of the most important languages spoken in Europe by investigating ethnic and cultural background, their development into specific linguistic units based on such factors as migration, colonisation, the rise of nation states, etc., and the role they play today in the dynamics of the European identity. It also examines the development and significance of European languages in the Americas and elsewhere, as well as European languages as spoken by European diasporas outside Europe.

R: EULC 104, FREN 117, GRMN 104, RUSS 102

EQ: EULC 104

EURO104-13S2 (C)

Semester 2

EURO 201 Melting Pot or European Soup?: The European Union and Its Multicultural Societies

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?; What is the EU's contribution to the debates "What Europe is?"; "Where its borders lie?" and "Who is European?"; How current issues facing the EU - immigration, multi-cultural and multi-lingual society, religious and political diversity - influence motivation behind integration? The course examines the notions of Europe and the EU and the role of individual, national and supranational identities in the EU's interactions with its citizens and the world. The course emphasizes interactive discussions, small group activities and access to experts in the field.

P: Any 30 points at 100-level from the Arts Schedule.
 R: EURO 417 (prior to 2006)

EURO201-13S1 (C) Semester 1

EURO 220 European Negotiations: Actors, Processes, Institutions

15 Points 0.1250 EFTS
Not offered in 2013
 This course aims at presenting and discussing specific characteristics of EU negotiation processes in order to gain a better understanding of EU decision making in general. This course investigates the distinguishing feature of these negotiations; how they have been handled and characterised in different approaches to EU integration theory; and, the variety of different types of negotiations that occur within the Union.

P: Any 54 points at level 100 from the Arts Schedule.

EURO 221 The European Union and the Wider World

15 Points 0.1250 EFTS
Not offered in 2013
 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 54 points at level 100 from the Arts Schedule

EURO 223 Remaking the New Europe

15 Points 0.1250 EFTS
 The geography of the new Europe has been built on the remains of the old. It is one of the key nodes of a globalised world, especially important to New Zealand because of persistent cultural, economic and political connections. The course will look at both integration and contradictions in the process of Europeanisation – the emergence of the EU, changes in Central and Eastern Europe; and also at

continuing diversity based on environmental difference, historical experience, and persistent tensions.

P: Any 15 points in EURO 100-level courses OR any 45 points at 100-level in Arts, Commerce, Law OR any other 45 points at 100-level with the approval of the Course Coordinator.

R: GEOG 213

EQ: GEOG 213

EURO223-13SU1 (C) Summer (Jan 13)

EURO 224 The EU's Democratic and Economic Evolution

15 Points 0.1250 EFTS
 This course is designed to acquire 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 in EURO 100-level papers OR any 45 points at 100-level in Arts, Commerce, Law OR any other 45 points at 100-level with the approval of the Course Coordinator.

R: INCO 224

EURO224-12SU2 (C) Summer (Nov 12)

EURO 225 The European Union and Global Development

30 Points 0.2500 EFTS

Not offered in 2013

What does the European Union do in the third world? Why is it doing this? How is it doing it? This course is designed to highlight EU thinking and practice in developing parts of the world, including African, Caribbean and Pacific countries. But it will also be about internal EU mechanisms since foreign and development policy is often a reflection of 'domestic' concerns. Therefore in development practice, the EU includes its own preferences which are influenced by both internal and global issues. One of the main objectives of the course then is to analyse the EU development template and to assess its effectiveness, or otherwise, in realising its goals in developing countries. The topics that will be studied include: - EU-Third World Historical Context from 1950 - The Third World beyond the ACP - Contextual realities: EU development thinking and third world realities - The Economics of EU Development Support - Changing paradigms 2000 and beyond - Conditionality: Human Rights, Good Governance, Democracy and Rule of Law; Economic SAPs - Humanitarian Aid - The Global Agenda, MDGs and the EU's role - EU and Member State Policy Complementarity - EU in the Pacific - series of case-studies on contemporary issues.

P: Entry to this course is subject to the approval of the Head of Department.

EURO 226 The Rise and Fall of Soviet Domination in Eastern Europe 1944-1991

30 Points 0.2500 EFTS

The fall of the Berlin Wall in 1989 represents a symbolic moment of the end of the Cold War and of a political and economic order that politically and ideologically divided

Europe and the whole world for almost a half a century. This course is designed to provide a broad background to an understanding of the political, social-economic, and cultural development in Eastern Europe.

P: 15 points EURO at 100-level, OR any 45 points at 100-level in Arts, Commerce, Law, OR any other 45 points at 100-level with the approval of the Course Coordinator.

R: EURO 222, HIST 264, INCO 225, HIST 269, HIST 386

EURO226-1352 (C) Semester 2

EURO 227 Doing Business in Europe: EU Policy, Business and Trade

15 Points 0.1250 EFTS

The European Union is at a critical, yet fascinating, stage of its development and the purpose of this course is to evaluate EU decision-making and policy in this context.

P: Any 30 point in EURO 100-level courses OR any 45 points at 100-level in Arts, Commerce, Law OR any other 45 points at 100-level with the approval of the Course Coordinator.

EURO227-135U1 (C) Summer (Jan 13)

EURO 228 Modern Diplomacy: Functions and Procedures

15 Points 0.1250 EFTS

Not offered in 2013

P: Any 45 points from the Arts Schedule.

EURO 229 Estranged Partners - The European Union and Latin America in a Changing World

15 Points 0.1250 EFTS

Not offered in 2013

This course will provide an in-depth understanding of an often overlooked area of the European Union's external relations, namely relations with Latin America. It will review the legacy of historical ties between the two continents and how it affects current relations. Close attention will be paid to political, economic and aid relations, and to the varying regimes that determine relations between the EU and different states in Latin America. These relations will be analysed in the context of current international developments (WTO, globalisation, war on drugs) and in the shadow of the influence of the United States, and will help students to forge a better understanding of how to conceptualise the European Union as a foreign policy actor. P: Subject to approval of Head of Department.

EURO 230 The European Union's Foreign Policy Toward the Middle East and Mediterranean

15 Points 0.1250 EFTS

Not offered in 2013

The study of the EU's relations with the Middle East and the Mediterranean is of a particular interest mainly because it reflects what has been faced by the EU in gradually establishing the Union's position in external relations and its foreign policy mechanism. The Middle East was on the agenda of the first meeting of the European Political Cooperation and has remained there ever since. The Union's behaviour vis-a-vis the conflicts in the Middle East reflects to a large degree the conditions under which the EU

developed its actorness. In light of this, the course serves as an analysis of the EU as an international actor as well as an analysis of the EU's relations to the Middle East and the Mediterranean.

P: Any 15 points EURO at 100-level courses, OR any 45 points at 100-level in Arts, Commerce, Law, OR any other 45 points at 100-level with the approval of the Course Coordinator

EURO 231 European Finance and the Financial Crisis

15 Points 0.1250 EFTS

Not offered in 2013

This course will examine the nature and significance of, and recent developments in, European finance for EU governments and businesses. As monetary and economic integration takes hold, the EU expands and the impacts of the financial crisis and recession are felt, it is important that potential business and government decision-makers worldwide have an understanding of the key issues, particularly financial ones affecting their operations.

P: Any 15 points in EURO 100-level courses OR any 45 points at 100-level in Arts, Commerce, Law OR any other 45 points at 100-level with the approval of the Course Coordinator.

EURO 232 Special Topic: Human Rights: Agendas, Issues and the European Union

15 Points 0.1250 EFTS

P: Any 15 points in EURO 100-level courses OR any 45 points at 100-level in Arts, Commerce, Law OR any other 45 points at 100-level with the approval of the Course Coordinator.

EURO232-125U2 (C) Summer (Nov 12)

EURO 233 The European Union and the Millennium Development Goals

15 Points 0.1250 EFTS

Not offered in 2013

The European Union is one of the most significant actors in the field of development while the United Nations' Millennium Development Goals (MDGs) are now increasingly the framework through which the achievement of development is conceived and understood. Rooted firmly in an understanding of key theoretical models of development, this module interrogates the MDGs and their place in the EU's external development policy, questioning for example, what the MDGs mean, and how appropriately the EU's approach reflects these goals?

P: Any 15 points in EURO 100-level courses OR any 45 points at 100-level in Arts, Commerce, Law OR any other 45 points at 100-level with the approval of the Course Coordinator.

EURO 310 European Integration From Community to Union

30 Points 0.2500 EFTS

This 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 and case-studies.

P: Either (1) 15 points at B average in any Arts subject or any 15 points in GEOG at 200-level; (2) 15 points of EURO at

200-level with a B pass OR 30 points of EURO at 200-level
OR any 45 points from the Arts Schedule at 200-level
R: GEOG 320 (prior to 2005); GEOG 321 (from 2005)
EQ: GEOG 321

EURO310-1352 (C) Semester 2

EURO 311 European Union Legal Studies

30 Points 0.2500 EFTS

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: Either 15 points of EURO at 200-level with a B pass; or 30 points of EURO at 200-level; or any 45 points from the Arts Schedule at 200-level.

R: LAWS 355

EURO311-1351 (C) Semester 1

EURO 312 European Union Research Training and Methods

30 Points 0.2500 EFTS

Not offered in 2013

This course is designed to train students in the necessary research methods specific to the study of the European Union and European studies programme in general. Elements of the course will include: - Research design; thinking about research questions; qualitative and quantitative methods; European Union online resources - databases; drafting research projects.

P: Either 15 points of EURO at 200-level with a B pass; or 30 points of EURO at 200-level; or any 45 points from the Arts Schedule at 200-level.

R: EURO 416

EURO 318 The EU in the Asia-Pacific

30 Points 0.2500 EFTS

The course content is divided into three thematic blocks around the central idea of the European Union in the Asia Pacific: EU political presence in the region; EU business identity in the region; and EU values and perceptions. The content incorporates elements which are of an introductory nature and then develops key themes and ideas about the EU in the Asia Pacific. This is an innovative and unique course both in its focus and delivery as it is an interactive virtual course. The innovative nature of the online components of this course facilitate the opportunity for some direct expert input on the EU in the Asia Pacific, and enable students to access the rich resource base provided by the EU as part of the emphasis on the development of their own research skills.

P: Any 30 points at EURO 200-level courses, OR any 45 points with B average at 200-level in Arts, Commerce, Law OR any other 45 points with B average at 200-level with the approval of the Course Coordinator.

EURO318-1352 (C) Semester 2

EURO 325 European Union Enlargement, 2004 and Beyond: Politics, Process, Impacts

30 Points 0.2500 EFTS

Not offered in 2013

This course is designed to acquire a broad background to an understanding of the basic political, social-economic, and cultural motives and consequences of the process of recent and prospective European Union enlargements to the East. The impacts of this process on New Zealand's political, economic and cultural interests in the region will be investigated as well.

P: Either 15 points of EURO at 200-level with a B pass; or 30 points of EURO at 200-level; or any 45 points from the Arts Schedule at 200-level.

R: EURO 225

EURO 330 Special Topic: Contemporary Policy Challenges in the European Union

30 Points 0.2500 EFTS

Not offered in 2013

The concept of power underpins this course in that the specific focus will be the policy process as the ultimate arena of power in society. Specific questions to be addressed include: What has been the historical trajectory of the integration process? Which are the powerful institutions and how are they organised? Does their power vary over time and circumstance? What kinds of institutional conflict (turf wars) emerge? How does change take place?

P: Either 15 points of EURO at 200-level with a B pass; or 30 points of EURO at 200-level; or any 45 points from the Arts Schedule at 200-level.

EURO 333 European Public Law

30 Points 0.2500 EFTS

P: Any 30 points at EURO 200-level courses, OR any 45 points with B average at 200-level in Arts, Commerce, Law OR any other 45 points with B average at 200-level with the approval of the Course Coordinator.

R: LAWS 388

EURO333-1352 (C) Semester 2

EURO 334 The European Union and the Millennium Development Goals

15 Points 0.1250 EFTS

Not offered in 2013

The European Union is one of the most significant actors in the field of development while the United Nations' Millennium Development Goals (MDGs) are now increasingly the framework through which the achievement of development is conceived and understood. Rooted firmly in an understanding of key theoretical models of development, this module interrogates the MDGs and their place in the EU's external development policy, questioning for example, what the MDGs mean, and how appropriately the EU's approach reflects these goals?

P: Any 30 points in EURO 200-level courses, OR any 45 points with B average at 200-level in Arts, Commerce or Law, OR any other 45 points with B average at 200-level with the approval of the Course Coordinator.

R: EURO 233

EURO 339 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 25 members, 400 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 105 points from the BA, BCom, BForSc, BSc or LLB schedules including ECON 104 and ECON 105 and at least 22 points above 100-level.

R: ECON 339

RP: ENGL 117 or an essay-based course.

EQ: ECON 339

EURO339-13SU1 (C) Summer (Jan 13)

ARTS 395 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: Special application and interview, with permission of Internship Director.

RP: Students should attend UC Careers CV writing and Interview skills workshops prior to submitting internship application.

ARTS395-13S1 (C)

Semester 1

ARTS395-13A (C)

Starts Any time

ARTS395-13S2 (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 www.arts.canterbury.ac.nz/internship for more information.

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.

EURO 401 The Idea of Europe and European Integration

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 Head of Department.

EURO401-13W (C) Whole Year (S1 and S2)

EURO 402 The EU in Europe and in the World: The EU's External Identities

0.2500 EFTS

With the post-Lisbon EU placing increasing value on its external relations, is Europe changing the world? The EU's 'normative' identity combines the rule of law, governance and democracy with 'hard' power decisions, giving the EU "a unique opportunity to brand itself as a beacon of civilization and prosperity" (Van Hamm 2008, 137). To test this claim, the course will provide a systematic overview of how recognised is EU global authority and model of integration, environmental initiatives, human rights and democracy. This will establish a baseline of perceived EU 'normative' importance among third-countries in Europe and around the world; evaluate the influence of EU visibility on international policy-making towards the EU and attempt an early assessment of the impact of the Lisbon Treaty in EU external relations.

P: Subject to approval of the Head of Department.

RP: Courses in European Studies or any previous undergraduate courses in Arts, Commerce, Law; with approval of the Course Coordinator.

EURO402-13W (C) Whole Year (S1 and S2)

EURO 404 Colonialism to Partnership? Europe in the Pacific

0.2500 EFTS

Not offered in 2013

Why is the Pacific and Asia important to the EU? Is it possible for the EU to think of the Pacific outside the development framework? Is it true that the EU is purely egotistical in its relationship with Asia? How do Asia and the Pacific view the EU? Could the EU act as a bridge between the Pacific and Asia? How is the relationship characterised from all sides? This course is an in-depth survey of the evolving multifaceted linkages between the EU, Pacific and Asia. At the end, students will be able to appreciate both the paradigmatic and practical aspects of the relationships. Classes will consist of formal lectures and interactive seminars.

P: Subject to approval of the Head of Department.

R: PACS 418, FREN 421

EQ: FREN 421, PACS 418

EURO 407 Special Topic

0.2500 EFTS

Not offered in 2013

P: Entry to this course is subject to the approval of the Head of Department.

EURO 408 The United States of Europe: The Europeanisation of Domestic Politics
0.2500 EFTS

Not offered in 2013

The politics and political systems of France, Germany, the UK and the European Union. This course focuses on the interaction between key member states within the EU - France, Germany and the UK - as well as examining internal policy making sectors at the EU level.

EURO 409 The Europeanisation of Politics: East and West
0.2500 EFTS

Not offered in 2013

This course investigates the recent trends in the europeanisation of domestic politics in both the 'old' western and recently admitted eastern members of the European Union. Since there are considerable differences in motives, priorities and problems that characterise the relationship between specific EU policy areas and domestic politics of its eastern and western members, this course is divided into two parts that separately examine the related issues in the two groups of the current and potential EU Member States.

P: Subject to approval of the Head of Department.
R: POLS 413

EURO 410 International Politics: The European Union as Global Actor
0.2500 EFTS

The course is contemporary and deals with current issues associated with EU foreign policy. While the course is academically analytical, a strong knowledge of current European news and events is needed. In order to provide students with this knowledge, every seminar begins with an overview of that week's EU actions and initiatives in international affairs. The pedagogical objective of the course is to blend this strong contemporary empirical knowledge with appropriate theoretical approaches that will enable students to effectively undertake academic analysis.

P: Subject to approval of the Head of Department.
R: POLS 410, DIPL 426
EQ: POLS 410, DIPL 426

EURO410-13W (C) Whole Year (S1 and S2)

EURO 411 Special Linguistic Study
0.2500 EFTS

Not offered in 2013

A study of some aspects of Russian culture and its symbolic language with the help of semiotic theory.

P: Subject to approval of the Head of Department.
R: RUSS 406
EQ: RUSS 406

EURO 412 Study of a Russian Writer
0.2500 EFTS

Not offered in 2013

The course studies a major Russian twentieth-century writer within the context of Russian, or East European tradition,

or/and within the context of modernist, or postmodernist European writing.

P: Subject to approval of the Head of Department.
R: RUSS 411
EQ: RUSS 411

EURO 413 Russian Theatre
0.2500 EFTS

Not offered in 2013

P: Subject to approval of the Head of Department.
R: RUSS 410
EQ: RUSS 410

EURO 414 Russian Literature
0.2500 EFTS

Not offered in 2013

A survey of some aspects of Russian nineteenth-century thought through literary examples.

P: Subject to approval of the Head of Department.
R: RUSS 401
EQ: RUSS 401

EURO 416 Research Training and Methods
0.2500 EFTS

Not offered in 2013

This course in Research Training and Methods, is designed to increase and improve students' level of research skills. The attainment of this aim will produce research competent students in the area of European Studies. As students who are attracted to European Studies come from a diverse undergraduate background of disciplines, this course will provide skills on a non discriminatory basis allowing students to participate in their Honours degree equally. This is a highly interactive course which introduces the basics of research practises that are useful and interesting for the students of various disciplines.

P: Subject to approval of the Head of Department

EURO 417 Special Topic
0.2500 EFTS

Not offered in 2013

P: Entry to this course is subject to the approval of the Head of Department.

EURO 419 International Politics During the Nuclear Age
0.2500 EFTS

Not offered in 2013

P: Subject to approval of the Head of Department.
R: DIPL 406, HIST 444
EQ: DIPL 406

EURO 420 Nationalism and ethnic conflict in Post-Soviet Space
0.2500 EFTS

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.

R: RUSS 412, DIPL 415
EQ: RUSS 412, DIPL 415
EURO420-13W (C) **Whole Year (S1 and S2)**

EURO 426 After the Fall of the Wall: The New Germany in the New Europe

0.2500 EFTS

This course studies the current tensions in the political culture of Germany as it seeks to define a new international role for itself after the unification of the Federal Republic and the GDR.

R: GRMN 426
EQ: GRMN 426

EURO426-13S1 (C) **Semester 1**

EURO 448 Issues in Modern European History

0.2500 EFTS

This course focuses on some of the most important and controversial debates in the historiography of twentieth-century 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. Students will cover five debates in all: four core debates (The Origins of World War I; The Paris Peace Conference; The Origins of World War II in Europe; The Holocaust) as well as one optional debate, chosen by the students themselves.

R: HIST 449
EQ: HIST 449, DIPL 428

EURO448-13W (C) **Whole Year (S1 and S2)**

EURO 449 Special Topic: Democracy and Participation in the EU

0.2500 EFTS

Not offered in 2013

P: Subject to approval of the Head of Department.

EURO 456 European Business Law

0.1250 EFTS

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: ACCT 656
EQ: ACCT 656

EURO456-13S1 (C) **Semester 1**

EURO 480 Research Topic

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 Head of Department.
EURO480-13W (C) **Whole Year (S1 and S2)**

EURO 481 Special Topic: European Studies Internship Paper

0.2500 EFTS

A paper designed for students wishing to apply academic knowledge in a practical setting, to work on a research project in an internship setting.

P: Subject to approval of the Head of Department.
EURO481-13W (C) **Whole Year (S1 and S2)**

EURO 690 MA Thesis

1.0000 EFTS

P: Subject to approval of the Head of Department.

EURO690-13A (C) **Starts Any time**

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

EURO 790 European Studies PhD

1.0000 EFTS

P: Subject to approval of the Head of Department.

EURO790-13A (C) **Starts Any time**

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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Evolutionary Biology

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.

EVOL 480 Project

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 BIOL 401 - BIOL 493 (refer to degree schedule).

P: Entry is subject to the approval of Head of School.
EVOL480-13W (C) **Whole Year (S1 and S2)**

EVOL 690 MSc Thesis

1.0000 EFTS

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

EVOL690-13A (C) **Starts Any time**

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

EVOL 790 PhD Thesis

1.0000 EFTS

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

EVOL790-13A (C) Starts Any time*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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.***Film***Centre for Fine Arts, Music and Theatre***FILM 201 Film**

90 Points

0.7500 EFTS

An introduction to all aspects of narrative and non-narrative film and video production: the principles of scriptwriting; the interpretation of scripts and performance; the relationship between image and sound; the construction of a grammar and syntax of film production.

P: FINT 103, or by permission of the Head of the School of Fine Arts on the basis of at least 120 points from another degree, a collection of works and an interview. Information may be obtained from the Head of School.

FILM201-13W (C) Whole Year (S1 and S2)*Limited entry. See limitation of entry regulations.***FILM 301 Film**

90 Points

0.7500 EFTS

Research, scripting, planning, shooting, editing and other related procedures with an emphasis on documentary production.

P: (1) FILM 201, (2) 30 points at 100-level in ARTH, and (3) 15 points at 200-level in ARTH.

FILM301-13W (C) Whole Year (S1 and S2)*Limited entry. See limitation of entry regulations.***FILM 401 Film**

90 Points

0.7500 EFTS

Advanced work in film, video and television. An emphasis on fictional procedures in film and video production. Specialised projects.

P: FILM 301

FILM401-13W (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.***FILM 501 Film**

0.7500 EFTS

P: (1) FBAF 301 or FBAF 402 or FILM 401; (2) Subject to approval of the Head of Department.

FILM501-13W (C) Whole Year (S1 and S2)**FILM 550 Research Paper**

0.2500 EFTS

P: (1) FBAF 301 or FBAF 402 or FILM 401; (2) Subject to approval of the Head of Department.

FILM550-13W (C) Whole Year (S1 and S2)**FILM 601 Film**

1.0000 EFTS

P: Subject to approval of the Head of Department.

FILM601-13A (C) Starts Any time**FILM 602 Film**

0.5000 EFTS

P: Subject to approval of the Head of Department.

FILM602-13W (C) Whole Year (S1 and S2)**Finance***Department of Economics and Finance***FINC 201 Business Finance**

15 Points

0.1250 EFTS

The core principles of the financial management of business firms.

P: ACCT 102 and STAT 101 or MSCI 110, plus at least 45 additional 100-level points from the BCom or BSC schedules.

R: FINC 202, AFIS 204

RP: Students without a mathematics background equivalent to NCEA Level 2 should pass MATH 101 before enrolling in this course.

EQ: AFIS 204

FINC201-13S1 (C) Semester 1**FINC201-13S2 (C) Semester 2****FINC 203 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: STAT 101 or MSCI 110, plus at least 60 additional 100-level points from the BCom or BSC schedules.

R: AFIS 214

RP: Students without a mathematics background equivalent to NCEA Level 2 should pass MATH 101 before enrolling in this course.

EQ: AFIS 214

FINC203-1351 (C) Semester 1

FINC 205 Personal Finance with Mathematics

15 Points 0.1250 EFTS

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) MATH 102 or MATH 108 or equivalent; (2) STAT 101 or MSCI 110 or equivalent.

C: MATH 103

FINC205-1352 (C) Semester 2

FINC 301 Corporate Finance Theory and Policy

15 Points 0.1250 EFTS

The theoretical principles of corporate finance and their applications to business policy.

P: FINC 201, FINC 203, MATH 101 or MATH 102 or MATH 108

R: FINC 354, AFIS 304

FINC301-1351 (C) Semester 1

FINC 302 Applied Corporate Finance

15 Points 0.1250 EFTS

Using problem and case-based situations to illustrate the analysis of various topics in corporate finance.

P: FINC 201, FINC 203, MATH 101 or MATH 102 or MATH 108

FINC302-1351 (C) Semester 1

Limited entry. See limitation of entry regulations.

FINC 305 Financial Modelling

15 Points 0.1250 EFTS

Application of spreadsheet tools to financial decisions and analysis.

P: FINC 201, FINC 203, MATH 101 or MATH 102 or MATH 108

FINC305-1352 (C) Semester 2

Limited entry. See limitation of entry regulations.

FINC 308 Applied Financial Analysis and Valuation

15 Points 0.1250 EFTS

Not offered in 2013

The use and application of accounting information to financial problems.

P: FINC 201, FINC 203

R: FINC 394 and AFIS 314

FINC 311 Investments

15 Points 0.1250 EFTS

The theoretical principles of investments and their applications to investment policy.

P: FINC 201, FINC 203, MATH 101 or MATH 102 or MATH 108

R: FINC 364, AFIS 314

FINC311-1351 (C) Semester 1

FINC 312 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) FINC 203; and (2) MATH 102

RP: FINC 201 and FINC 205

FINC312-1352 (C) Semester 2

FINC 316 Fixed Income Securities

15 Points 0.1250 EFTS

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: FINC 201, FINC 203, MATH 102

RP: FINC 205

FINC316-1351 (C) Semester 1

FINC 323 Time Series Methods

15 Points 0.1250 EFTS

Not offered in 2013

Analysis of sequentially collected data including data modelling and forecasting techniques.

P: (1) ECON 213 and ECON 202 or (2) ECON 213 and FINC 205

EQ: ECON 323, STAT 317

FINC 331 Financial Economics

15 Points 0.1250 EFTS

The economics of finance, with applications to asset valuation, corporate finance, and portfolio management.

P: Any two of (ECON 202, ECON 203, FINC 201, FINC 205).

R: ECON 331

RP: MATH 103

EQ: ECON 331

FINC331-1352 (C) Semester 2

FINC 344 International Finance

15 Points 0.1250 EFTS

An introduction to international finance and open-economy macroeconomics. Topics covered include: the foreign exchange market; the behaviour of exchange rates; foreign exchange intervention and exchange rate regimes; international capital flows; global financial crises; and the international monetary system.

P: ECON 201 or ECON 206 or FINC 203

R: FINC 315, ECON 344, ECON 210

RP: 15 points in MATH or Year 13 Math with Calculus

EQ: ECON 344

FINC344-1352 (C) Semester 2

FINC 345 The Economics of Risk and Insurance
15 Points 0.1250 EFTS

The course will use the toolkit of intermediate microeconomics and basic mathematics to analyse the functioning of insurance markets. Attention will be given to an analysis of risk itself, and of consumers' preferences regarding risk and risk taking. This will lead to a full theoretical analysis of the demand for insurance. The course examines elements of the supply of insurance, and how risk pooling and sharing can lead to Pareto efficient outcomes. The basic fundamentals of premium calculation are also considered. Finally, the course looks at the case of asymmetric information in insurance markets.

P: Either (1) ECON 203 or (2) ECON 202 and FINC 205 or (3) ECON 208 and MATH 102
EQ: ECON 345

FINC345-13S1 (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.

FINC 601 Advanced Corporate Finance
0.1250 EFTS

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.
R: AFIS 622

RP: AFIS 304 or AFIS 314 or ECON 311

FINC601-13S2 (C) Semester 2

FINC 603 Advanced Financial Economics
0.1250 EFTS

Not offered in 2013
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.

FINC 604 Advanced Derivative Securities
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.

FINC604-13S2 (C) Semester 2

FINC 605 Asset Pricing Theory
0.1250 EFTS

Not offered in 2013
Asset pricing theory.

P: Subject to approval of the Head of Department.

FINC 606 Financial Distress
0.1250 EFTS

Not offered in 2013

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: ACCT 625, ACIS 625, AFIS 625, FINC 653,

EQ: ACIS 625, ACCT 625

FINC 607 Empirical Finance
0.1250 EFTS

Not offered in 2013

An introduction to time-series and event-study methods used in empirical finance research.

P: Subject to approval of the Head of Department.

FINC 609 Topics in International Financial Markets
0.1250 EFTS

This course will focus on international financial markets, specifically including recent financial crises.

P: Subject to approval of the Head of Department.

FINC609-13S1 (C) Semester 1

FINC 610 Studies in Capital Markets
0.1250 EFTS

Studies in Capital Markets.

P: Subject to approval of the Head of Department.

FINC610-13S1 (C) Semester 1

FINC610-13S2 (C) Semester 2

FINC 611 Corporate Governance
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: ACCT 624

EQ: ACCT 624

FINC611-13S1 (C) Semester 1

FINC 612 Applied Financial Management
0.1250 EFTS

Topics in applied financial management.

P: Subject to Head of Department approval

FINC612-13S2 (C) Semester 2

FINC 615 Risk Analysis
0.1250 EFTS

The measurement and analysis of risk for financial and non-financial institutions.

P: Subject to approval by Head of Department.

FINC615-13S1 (C) Semester 1

FINC 641 Monetary Economics: Theory 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: ECON 641
EQ: ECON 641

FINC641-13S2 (C) Semester 2**FINC 643 International Finance** 0.1250 EFTS

A study of key issues and analytical techniques in international finance. Topics covered include: current account imbalances; financial globalization and international capital flows; models of exchange rate determination; foreign exchange intervention and speculative attacks; currency and sovereign debt crises; and the role of international policy 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

FINC643-13S2 (C) Semester 2**FINC 651 Financial Modelling** 0.1250 EFTS

Application of spreadsheet tools to financial decision-making and analysis

P: Subject to Head of Department approval.
R: FINC 305
EQ: FINC 305

FINC651-13S2 (C) Semester 2**FINC 652 Credit Risk Management** 0.1250 EFTS

Management of Credit Risks.

P: Subject to Head of Department approval.
R: FINC 305

FINC652-13S1 (C) Semester 1**FINC 680 Research Project** 0.2500 EFTS

P: Subject to approval of the Head of Department.
FINC680-13W (C) Whole Year (S1 and S2)

FINC 695 MCom Thesis 1.0000 EFTS

P: Subject to approval of the Head of Department.
FINC695-13A (C) Starts Any time
Part-time enrolment (0.65 EFTS) is available on approval.

FINC 790 Finance PhD 1.0000 EFTS

P: Subject to approval of the Head of Department.

FINC790-13A (C) Starts Any time

*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.

Fine Arts*Centre for Fine Arts, Music and Theatre***FINT 103 Drawing and Methods** 0.7500 EFTS

An introduction to basic drawing modes and practical processes.

FINT103-13W (C) Whole Year (S1 and S2)*Limited entry. See limitation of entry regulations.***Fire Engineering***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.

ENFE 601 Structural Fire Engineering 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: Subject to approval of the Head of Department.

ENFE601-13S1 (C) Semester 1**ENFE 602 Fire Dynamics** 0.1250 EFTS

1- and 2-dimensional conduction, thermal convection and radiation. Ignition and flame spread. Combustion chemistry. Fundamentals of burning objects. Flame heights and fire plumes.

P: Subject to approval of the Head of Department.

EQ: ENCI 663

ENFE602-13S1 (C) Semester 1**ENFE 603 Fire Safety Systems** 0.1250 EFTS

Fire detection and alarm systems. Suppression systems. Fire extinguishment and water supplies. Smoke control systems. Integration of fire safety systems with building services.

P: Subject to approval of the Head of Department.

R: ENCI 662

EQ: ENCI 662

ENFE603-13S1 (C) Semester 1

ENFE 604 Fire Design Case Study

0.1250 EFTS

Specific fire engineering design of a case study building. Application of fire design computer models. Synthesis of life safety and property protection strategies.

P: Subject to approval of the Head of Department.

ENFE604-13S2 (C) Semester 2

ENFE 610 Advanced Fire Dynamics

0.1250 EFTS

Ceiling jet flows. Fundamentals of zone modelling and vent flows. Compartment fire analysis. Applications of computer fire models.

P: Subject to approval of the Head of Department.

ENFE610-13S2 (C) Semester 2

ENFE 612 Special Topic in Fire Engineering

0.1250 EFTS

P: Subject to approval of the Head of Department.

ENFE612-13S1 (C) Semester 1

ENFE612-13W (C) Whole Year (S1 and S2)

ENFE612-13S2 (C) Semester 2

ENFE 613 Special Topic: Human Behaviour in Fire

0.1250 EFTS

Not offered in 2013

Examination and interaction of the individual with the fire-created environment. The behaviour of building occupants relative to their awareness, actions and movements. How human behaviour issues are incorporated in building design.

P: Subject to approval of the Head of Department.

ENFE 614 Special Topic in Fire Engineering

0.1250 EFTS

P: Subject to approval of the Head of Department.

ENFE614-13S1 (C) Semester 1

ENFE614-13W (C) Whole Year (S1 and S2)

ENFE614-13S2 (C) Semester 2

ENFE 675 Independent Course of Study

0.1250 EFTS

P: Subject to approval of the Head of Department.

ENFE675-13S1 (C) Semester 1

ENFE675-13W (C) Whole Year (S1 and S2)

ENFE675-13S2 (C) Semester 2

ENFE 680 Fire ME Project

0.6000 EFTS

A fire engineering project to be undertaken within one of the Departments of Engineering.

P: Subject to approval of the Head of Department.

ENFE680-13A (C) Starts Any time

ENFE680-13W (C) Whole Year (S1 and S2)

ENFE 681 Fire Project

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.

ENFE681-12SU2 (C) Summer (Nov 12)

ENFE681-13S1 (C) Semester 1

ENFE681-13W (C) Whole Year (S1 and S2)

ENFE681-13S2 (C) Semester 2

ENFE 682 Fire Project

0.2500 EFTS

A fire engineering project to be undertaken within one of the Departments of Engineering.

P: Subject to approval of the Director of Studies.

ENFE682-12SU2 (C) Summer (Nov 12)

ENFE682-13S1 (C) Semester 1

ENFE682-13W (C) Whole Year (S1 and S2)

ENFE682-13S2 (C) Semester 2

ENFE 683 Fire Project

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.

ENFE683-12SU2 (C) Summer (Nov 12)

ENFE683-13S1 (C) Semester 1

ENFE683-13W (C) Whole Year (S1 and S2)

ENFE683-13S2 (C) Semester 2

ENFE 690 M.E.F.E. Thesis

1.0000 EFTS

P: Subject to approval of the Head of Department.

ENFE690-13A (C) Starts Any time

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

ENFE 790 Fire Engineering PhD

1.0000 EFTS

P: Subject to approval of the Head of Department.

ENFE790-13A (C) Starts Any time

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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Forest Engineering

School of Forestry

ENFO 204 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: FORE 141, FORE 216

ENFO204-13S2 (C) Semester 2

ENFO 327 Wood Science

15 Points 0.1250 EFTS
Wood science Chemical composition and ultrastructure of the woody cell wall; biological processes of wood formation; anatomy of wood; physical behaviour of wood; the interaction of wood with water; the variability of wood properties; factors influencing wood properties; wood quality based on wood properties and product requirements; the implication of silviculture and forest management practices on wood properties.

P: Subject to approval of the Director of Studies, Forest Engineering

R: FORE 327

ENFO327-13S2 (C) Semester 2

ENFO 411 Forest Engineering Research and Design

15 Points 0.1250 EFTS
Research methods and research project focussed on the application of engineering principles to the solution of a forest engineering design problem. Project management principles will be taught. The project will contain literature review, research design, data collection, analyses and design and build phases. Topic to be established in class with industry and student input.

P: Subject to approval of the Director of Studies, Forest Engineering.

ENFO411-13S2 (C) Semester 2

ENFO 420 Harvest System Evaluation

15 Points 0.1250 EFTS
Forestry equipment fundamentals and design. Harvest system design and costing. Time-and-motion studies. Developing productivity models. Methodologies for setting logging rates. Ergonomics and safety management. Bio-energy harvesting systems and bio-fuels.

P: Subject to approval of the Director of Studies, Forest Engineering.

ENFO420-13S1 (C) Semester 1

ENFO 491 Special Topic

15 Points 0.1250 EFTS
P: Subject to approval of the Director of Studies, Forest Engineering.

ENFO491-13S2 (C) Semester 2

ENFO 492 Special Topic

15 Points 0.1250 EFTS
P: Subject to approval of the Director of Studies, Forest Engineering.

ENFO492-13S1 (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.

ENFO 790 Forest Engineering PhD

1.0000 EFTS
P: Subject to approval of the Head of Department.

ENFO790-13A (C) Starts Any time

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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Forestry

School of Forestry

FORE 102 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: FORE 101, FORE 103, FORE 104, FORE 111, FORE 121

FORE102-13S1 (D) Semester 1

FORE102-13S2 (D) Semester 2

Only for Head of Schoole taking First Forestry examinations at another University.

FORE 105 Forests of the World

15 Points 0.1250 EFTS
Forests of the world, wood energy, conservation and environment.

R: FORE 111, FORE 121

FORE105-12SU2 (C) Summer (Nov 12)

FORE 111 Trees, Forests and the Environment

15 Points 0.1250 EFTS
Forests and their relationships with people from the beginning of human history to the present day. Community and urban forestry. Tree classification and identification. The nature and location of the world's forests. Forests as communities of plants, animals and micro-organisms. The role of forests in the conservation of soil, water and biodiversity, and in the provision of recreation and other forest products. Sustainable forest management. Climate

change and carbon credits. Forest certification. Forests in New Zealand. Treaty obligations

R: FORE 101, FORE 102, FORE 103, FORE 104, FORE 105, FORE 121

FORE111-13S1 (C) Semester 1

FORE 131 Trees in the Landscape

15 Points 0.1250 EFTS

Species characteristics and selection. An introduction to nursery techniques and methods of establishment, including weed and pest control. An introduction to agroforestry and trees in the urban and rural environments. Role of trees in soil stabilization, amenity and recreation.

FORE131-13S2 (C) Semester 2

FORE 141 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).

FORE141-13S2 (C) Semester 2

FORE 151 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.

FORE151-13S1 (C) Semester 1

FORE 205 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 Chair Board of Studies.

R: FORE 305, ENFO 343, FORE 578

FORE205-13S1 (C) Semester 1

FORE 215 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: FORE 151 or ENGR 101

FORE215-13S2 (C) Semester 2

FORE 218 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: 30 points from FORE 111, FORE 121, BIOL 112, or BIOL 113, or Subject to approval Chair Board of Studies.

R: BIOL 270, FORE 202, FORE 218

FORE218-13S1 (C) Semester 1

FORE 219 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: PAMS 202, BIOL 252, FORE 214

FORE219-13S2 (C) Semester 2

FORE 222 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: STAT 101 or STAT 111 or STAT 112 or STAT 131

R: STAT 201, FORE 210, STAT 220, STAT 222

FORE222-13S1 (C) Semester 1

FORE 224 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: STAT 101 or STAT 111 or STAT 112 or STAT 131

R: STAT 202, FORE 210, STAT 220, STAT 224

FORE224-13S2 (C) Semester 2

FORE 243 Special Topic

15 Points 0.1250 EFTS

Not offered in 2013

P: Subject to approval Chair Board of Studies.

FORE 244 Special Topic: Issues in International Forestry

30 Points 0.2500 EFTS

To critically discuss some major issues in international forestry. The major issues are: (1) tropical deforestation (where is it happening, who is doing it, what are the causes, can it be controlled); (2) global warming (the science, the politics, the role of forests, adaptation and mitigation); and

(3) forests and communities (social forestry, trees on farms, forests and sustainable rural development).

P: Subject to the approval of the Programme Coordinator.

FORE244-12SU2 (C) Summer (Nov 12)

FORE 270 Special Topic

15 Points 0.1250 EFTS

Not offered in 2013

P: Subject to approval Chair Board of Studies.

FORE 307 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: ENFO 307 prior to 2011, ENFO 492 prior to 2011

FORE307-13S1 (C) Semester 1

FORE 316 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: ENFO 316, FORE 316-prior to 2011, FORE 319, FORE 320, ENFO 491-prior to 2011.

FORE316-13S2 (C) Semester 2

FORE 327 Wood Science

30 Points 0.2500 EFTS

Wood science (chemical, biological and physical phenomena of wood). Chemical composition and ultrastructure of the woody cell wall; biological processes of wood formation; anatomy of wood; physical behaviour of wood; the interaction of wood with water; the variability of wood properties; factors influencing wood properties; wood quality based on wood properties and product requirements; the implication of silviculture and forest management practices on wood properties. Wood processing: Sawmilling; solid wood processing; timber drying; wood preservation; timber grading; wooden panel manufacturing (particle boards, MDF, OSB, plywood); pulp & paper production; energy sector; the advantages and disadvantages for processing wood in a particular way.

R: ENFO 327, FORE 327 prior to 2011

FORE327-13S2 (C) Semester 2

FORE 342 Geospatial Technologies in Forestry

15 Points 0.1250 EFTS

Information technology and its role in various forest management situations, such as conservation management, biosecurity management, roading, harvesting, asset management, product transportation and logistics, and product chain of custody. Teaching of the software and hardware skills required to analyse and solve spatial problems in forest management, including aerial

photography, geographic information system (GIS) software, and global positioning system (GPS) technology.

R: FORE 442 prior to 2011

FORE342-13S1 (C) Semester 1

FORE 404 Special Topic

15 Points 0.1250 EFTS

Not offered in 2013

FORE 405 Special Topic

15 Points 0.1250 EFTS

FORE405-13S1 (C) Semester 1

FORE 406 Special Topic

15 Points 0.1250 EFTS

FORE406-13S2 (C) Semester 2

FORE 407 Special Topic

15 Points 0.1250 EFTS

FORE407-13S1 (C) Semester 1

FORE 408 Special Topic

15 Points 0.1250 EFTS

FORE408-13S1 (C) Semester 1

FORE 409 Special Topic

15 Points 0.1250 EFTS

FORE409-13S1 (C) Semester 1

FORE 414 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.

FORE414-13W (C) Whole Year (S1 and S2)

FORE414-13S2 (C) Semester 2

FORE 419 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: FORE 316

FORE419-13W (C) Whole Year (S1 and S2)

FORE 422 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 FORE 305 (01 Jan 2009 - present) or FORE 305 (01 Jan 2009 - present)
R: ENFO 422

FORE422-13S1 (C) Semester 1

FORE 423 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: FORE 205 or FORE 305

FORE423-13S2 (C) Semester 2

FORE 426 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.

FORE426-13S1 (C) Semester 1

FORE 435 Forest Economics 2

15 Points 0.1250 EFTS
Project analysis, forest valuation, risk and uncertainty. Forestry as a business.

P: FORE 215 or subject to Head of Department approval.

R: FORE 211, FORE 425

FORE435-13S2 (C) Semester 2

FORE 436 Forest Tree Breeding

15 Points 0.1250 EFTS
Population and quantitative genetics as they are applied to tree breeding; basic components of a tree breeding programme - including breeding objectives and the concept of recurrent selection; sexual and asexual options for the deployment of superior genetic material; principles and practices of conservation of genetic resources.

P: FORE 219, FORE 222 and FORE 224

R: FORE 408 (2006-2007)

FORE436-13S1 (C) Semester 1

FORE 441 Engineered Wood Products

15 Points 0.1250 EFTS

Not offered in 2013

The technology of composites. Product and process requirements in terms of wood chemistry and structure, wood requirements and preparations, resin technology,

panel performance requirements and test procedures. Environmental impacts of products and processes. Overview of wood combustion and the pulp and paper industry.

R: ENCH 357, ENCH 429

FORE 443 Biosecurity Risk Management

15 Points 0.1250 EFTS

Biological threats to the New Zealand environment, New Zealand industries and health, Pacific Region biosecurity, risk management, biosecurity management systems, biological and agricultural terrorism.

FORE443-13S2 (C) Semester 2

FORE 444 Sustaining Biodiversity on Private Land

15 Points 0.1250 EFTS

Biodiversity management tools applied to production landscapes; land management approaches; ecological histories in New Zealand production landscapes; sustainable use of native ecosystems.

P: Subject to approval to the Chair, Forestry Board of Studies.

R: BIOL 379

FORE444-13S2 (C) Semester 2

FORE 445 Environmental Forestry

15 Points 0.1250 EFTS

Environmental certification systems; Resource Management Act; environmental planning; environmental management of plantation systems.

P: Subject to approval to the Chair, Forestry Board of Studies.

FORE445-13S2 (C) Semester 2

FORE 475 Independent Course of Study

15 Points 0.1250 EFTS

P: Subject to approval of the Head of Department.

FORE475-13S1 (C) Semester 1

FORE475-13W (C) Whole Year (S1 and S2)

FORE475-13S2 (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.

FORE 604 Advanced Forest Tree Breeding

0.2500 EFTS

Population and quantitative genetics as they are applied to tree breeding; advanced components of a tree breeding programme - including breeding objectives and the concept of recurrent selection; sexual and asexual options for the deployment of superior genetic material; principles and practices of conservation of genetic resources; management of tree breeding programmes.

R: FORE 659 (2006-2007)

FORE604-13S1 (C) Semester 1

FORE 606 Forest Transport

0.2500 EFTS

Modes of forestry transportation around the world. Comparison of truck and rail transport of forestry produce. Pavement thickness design. Culverts and bridges in forestry. Vehicle specification and trucking costs. Calculations of maximum payload and axle weightings. Calculation of gradeability. Inventory control, wood flow planning and control.

P: Subject to approval of the Head of Department.

FORE606-13S2 (C) Semester 2**FORE 607 Forest Harvesting**

0.2500 EFTS

Description and characteristics of logging systems. Factors affecting productivity of logging operations. The influence of the "human factor," and the importance of supervision and motivation in managing logging operations. Cost control in the logging industry and economic analyses in decision-making. Computer-aided logging planning.

P: Subject to approval of the Head of Department.

FORE607-13S1 (C) Semester 1**FORE 609 Advanced Wood Based Composites**

0.2500 EFTS

The manufacture and application of wood-based composites, including their raw material requirements and adhesive systems. The impact of raw material and manufacturing processes on panel performance, especially durability. Performance testing and standards.

P: Subject to approval of the Head of Department.

FORE609-13S1 (C) Semester 1**FORE 610 Research Methods**

0.2500 EFTS

The nature of the scientific method, planning research, defining objectives, writing proposals and workplans, experimental design and analysis, SAS procedures, making inferences from analyses, drawing conclusions, scientific report writing.

P: Subject to approval of the Head of Department.

FORE610-13S1 (C) Semester 1**FORE610-13S2 (C) Semester 2****FORE 612 Advanced Forest Economics**

0.2500 EFTS

After-tax analysis of cash flows in project analysis, forest valuation and break-even analysis; risk and uncertainty; financial analysis limitations; and individual topics.

P: Subject to approval of the Head of Department.

FORE612-13S2 (C) Semester 2**FORE 613 Marketing**

0.2500 EFTS

Organizational perspectives for marketing. Globalisation for the forest products industry and the place of New Zealand in this; international trade commodities and trade flows. Review of marketing of New Zealand's forest products.

Future world demand for wood products and future international trade strategies for New Zealand.

P: Subject to approval of the Head of Department.

FORE613-13S1 (C) Semester 1**FORE 616 Restoration Ecology**

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.

FORE616-13S2 (C) Semester 2**FORE 624 Plantation Silviculture**

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.

FORE624-13S1 (C) Semester 1**FORE 641 Plantation Forest Management**

0.2500 EFTS

The use of quantitative techniques, especially linear programming, in solving natural resource problems; log manufacturing, optimisation and allocation models; stand simulation and estate modelling.

P: Subject to approval of the Head of Department.

FORE641-13S2 (C) Semester 2**FORE 642 Advanced IT Applications in Forestry and Natural Resource Management**

0.2500 EFTS

Applications in Forestry and Natural Resource Management.

P: Subject to approval of the Head of Department.

FORE642-13S1 (C) Semester 1**FORE 643 Modelling for Forest Management**

0.2500 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 of the Head of Department.

FORE643-13S1 (D) Semester 1**FORE643-13A (C) Starts Any time***This is a web-based course. There are no formal lectures.***FORE 650 Special Topic in Forestry Science**

0.2500 EFTS

P: Subject to approval of the Head of Department.

FORE650-13W (C) Whole Year (S1 and S2)**FORE650-13S1 (C) Semester 1****FORE650-13S2 (C) Semester 2**

FORE 651 Special Topic in Forestry Science
0.2500 EFTS

P: Subject to approval of the Head of Department.

FORE651-13W (C) Whole Year (S1 and S2)**FORE651-13S1 (C) Semester 1****FORE651-13S2 (C) Semester 2****FORE 652 Special Topic**
0.2500 EFTS

P: Subject to Head of Department approval.

FORE652-13S1 (C) Semester 1**FORE 653 Special Topic**
0.2500 EFTS

P: Subject to Head of Department approval.

FORE653-13S1 (C) Semester 1**FORE 654 Special Topic**
0.2500 EFTS

P: Subject to Head of Department approval.

FORE654-13S1 (C) Semester 1**FORE 655 Special Topic**
0.2500 EFTS**FORE655-13S2 (C) Semester 2****FORE 656 Special Topic**
0.2500 EFTS**FORE656-13S2 (C) Semester 2****FORE 657 Special Topic**
0.2500 EFTS**FORE657-13S2 (C) Semester 2****FORE 658 Special Topic**
0.2500 EFTS

P: Subject to Head of Department approval.

FORE658-13S2 (C) Semester 2**FORE 659 Special Topic**
0.2500 EFTS

P: Subject to Head of Department approval.

FORE659-13S1 (C) Semester 1**FORE 665 Pest Management and Biological Security**
0.2500 EFTS

Integration of pest management in conservation and production planning. Development of principles of invasive species and the impact of invasive species in environmental, economic and social contexts.

P: Subject to approval of the Head of Department.

FORE665-13S2 (C) Semester 2**FORE 672 Special Topic- Research Project**
0.5000 EFTS**Not offered in 2013**

P: Subject to approval of the Head of Department.

FORE 675 Independent Course of Study
0.2500 EFTS

P: Subject to approval of the Head of Department.

FORE675-13W (C) Whole Year (S1 and S2)**FORE675-13S1 (C) Semester 1****FORE675-13S2 (C) Semester 2****FORE 679 MForSc Report**
0.5000 EFTS

P: Subject to approval of the Head of Department.

FORE679-13A (C) Starts Any time**FORE679-13S1 (C) Semester 1****FORE679-13S2 (C) Semester 2****FORE 690 MForSc Thesis**
1.0000 EFTS

P: Subject to approval of the Head of Department.

FORE690-13A (C) Starts Any time*Part-time enrolment (0.65 EFTS) is available on approval.***FORE 790 Forestry PhD**
1.0000 EFTS

P: Subject to approval of the Head of Department.

FORE790-13A (C) Starts Any time*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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

French

*School of Languages, Cultures and Linguistics***EULC 101 European Society in Film**
15 Points 0.1250 EFTS

This course examines aspects of European culture through French, German and Russian films.

R: FREN 114, FREN 214, GRMN 112, GRMN 212, RUSS 104,

RUSS 204

EQ: CINE 110

EULC101-13S1 (C) Semester 1**EULC 104 European Languages in Europe and Beyond**
15 Points 0.1250 EFTS

This course introduces the formation of four of the most important languages spoken in Europe by investigating ethnic and cultural background, their development into specific linguistic units based on such factors as migration, colonisation, the rise of nation states, etc., and the role they play today in the dynamics of the European identity. It also examines the development and significance of

European languages in the Americas and elsewhere, as well as European languages as spoken by European diasporas outside Europe.

R: FREN 117, GRMN 104, RUSS 102, EURO 104

EQ: EURO 104

EULC104-13S2 (C) Semester 2

FREN 106 French culture and French Language 1

15 Points 0.1250 EFTS

Not offered in 2013

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: FREN 105

FREN 120 French Language Acquisition: Beginners S

15 Points 0.1250 EFTS

This course is for Head of Schools 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: FREN 104, FREN 112, FREN 121, FREN 122, FREN 123, FREN 124, FREN 127, FREN 201, FREN 301

FREN120-125U2 (C) Summer (Nov 12)

Limited entry. See limitation of entry regulations.

FREN 121 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 seven French language acquisition courses offered by the school.

R: FREN 104, FREN 127

FREN121-13S1 (C) Semester 1

FREN 122 French language acquisition: Beginners B

15 Points 0.1250 EFTS

This is the second course in a sequence of seven 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: FREN 121 or FREN 104 or a level in French acceptable to the Programme Director.

R: FREN 112, FREN 128

FREN122-13S2 (C) Semester 2

FREN 123 French language acquisition: Intermediate A

15 Points 0.1250 EFTS

This is the third course in a sequence of seven 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. Students who have sat Year 13 French will normally enrol in this course or in FREN 124.

P: FREN 122 or FREN 112 or a level in French acceptable to the Programme Director.

R: FREN 111

FREN123-13S1 (C) Semester 1

FREN 124 French language acquisition: Intermediate B

15 Points 0.1250 EFTS

This is the fourth course in a sequence of seven 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. Students who have Year 13 French will normally enrol in FREN 123 or FREN 124.

P: FREN 123 or a level in French acceptable to the Programme Director.

R: FREN 111

FREN124-13S2 (C) Semester 2

FREN 201 French language acquisition: Advanced A

15 Points 0.1250 EFTS

This is the fifth course in a sequence of seven French language acquisition courses offered by the school. Students who have acquired 24 Excellence, and/or Merit credits at NCEA level 3 can apply to get direct entry.

P: FREN 124

FREN201-13S1 (C) Semester 1

FREN 202 French language acquisition: Advanced B

15 Points 0.1250 EFTS

This is the sixth course in a sequence of seven French language acquisition courses offered by the school. Students who have passed FREN201 or the equivalent can take this course.

P: FREN 201

FREN202-13S2 (C) Semester 2

FREN 211 French Culture and French Language 2

15 Points 0.1250 EFTS

This course continues the study of French texts, films and topics in French culture. Students must be able to read French.

P: Any 45 points

R: FREN 208, FREN 304, FREN 311

FREN211-13S1 (C) Semester 1

FREN 212 French Culture in English 1

15 Points 0.1250 EFTS

Not offered in 2013

This course studies French texts and films in English.

P: Any 45 points

FREN 223 Introduction to French Linguistics 1
15 Points 0.1250 EFTS

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: FREN 124 or the equivalent

FREN223-13S2 (C) Semester 2

FREN 301 French Language Acquisition: Advanced C

30 Points 0.2500 EFTS

This is the seventh course in a sequence of seven French language acquisition courses offered by the programme.

P: FREN 202

FREN301-13S1 (C) Semester 1

FREN 311 French culture and French language 3

30 Points 0.2500 EFTS

This course continues the study of French texts, films and topics in French culture. Students must be able to read French.

P: Any 45 points at 200-level

R: FREN 208, FREN 304, FREN 211

FREN311-13S1 (C) Semester 1

FREN 312 French Culture in English

30 Points 0.2500 EFTS

Not offered in 2013

This course studies French texts and films in English.

P: Any 45 points at 200-level

R: FREN 212

FREN 322 Introduction to French Linguistics 2

30 Points 0.2500 EFTS

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: FREN 201

R: FREN 223

FREN322-13S2 (C) Semester 2

FREN 323 Challenging Traditions: Painting in France 1830 – 1900

30 Points 0.2500 EFTS

This course examines one of the most exciting time in French painting, exploring how art refocuses from reproduction of nature or of an ideal, toward the expression of an artist's individual vision and personality. And what personalities! Courbet, Manet, Cassatt, Monet, Degas, Cezanne, Van Gogh, Gauguin and many others.

P: 75 points in FREN and 15 points in ARTH at 200-level

R: ARTH 203, ARTH 323

EQ: ARTH 323

FREN323-13S1 (C) Semester 1

ARTS 395 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: Special application and interview, with permission of Internship Director.

RP: Students should attend UC Careers CV writing and Interview skills workshops prior to submitting internship application.

ARTS395-13S1 (C) Semester 1

ARTS395-13A (C) Starts Any time

ARTS395-13S2 (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 www.arts.canterbury.ac.nz/internship 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.

FREN 401 Language

0.2500 EFTS

A language acquisition course involving advanced work in reading, writing, listening and speaking French.

P: Subject to approval of the Programme Director.

FREN401-13W (C) Whole Year (S1 and S2)

FREN 402 French Theatre

0.2500 EFTS

Not offered in 2013

P: Subject to approval of the Programme Director.

FREN 404 French Poetry

0.2500 EFTS

Not offered in 2013

P: Subject to approval of the Programme Director.

FREN 406 French Linguistics

0.2500 EFTS

This course may be offered either as a course or as an extended essay. Possible topics include the study of linguistic policies, and discourse analysis of the media.

P: Subject to approval of the Programme Director.

FREN406-13W (C) Whole Year (S1 and S2)

FREN 408 History of Ideas

0.2500 EFTS

Not offered in 2013

A range of options dealing with the development of moral and religious ideas in the 16th-17th centuries, and in the late 19th century and 20th century, is available to choose from.

P: Subject to approval of the Programme Director.

FREN 411 French Novel

0.2500 EFTS

A study of selected novels from France and the French-speaking world, from Proust until the present day.

P: Subject to approval of the Programme Director.

FREN411-13W (C) Whole Year (S1 and S2)

FREN 413 A Medieval Topic

0.2500 EFTS

Not offered in 2013

Medieval Language and Literature.

P: Subject to approval of the Programme Director.

FREN 415 A Topic in the Modern French Novel

0.2500 EFTS

Not offered in 2013

P: Subject to approval of the Programme Director.

FREN 418 Special Topic

0.2500 EFTS

Not offered in 2013

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 Director.

FREN 419 Special Topic

0.2500 EFTS

Not offered in 2013

Topics will be chosen according to students' previous experience of medieval literature.

P: Subject to approval of the Programme Director.

FREN 420 Special Topic

0.2500 EFTS

Not offered in 2013

The French in New Zealand in the 19th century: a study of French manuscript sources which are to be transcribed, translated and annotated.

P: Subject to approval of the Programme Director.

FREN 421 Colonialism to Partnership? Europe in the Pacific

0.2500 EFTS

Not offered in 2013

This course offers regular tutorial guidance in the preparation of an extended essay on an agreed topic related to the area of Contemporary French Studies.

P: Subject to approval of the Programme Director.

R: EURO 404, PACS 418

EQ: EURO 404, PACS 418

FREN 422 Translation Theory and Practice

0.2500 EFTS

Not offered in 2013

P: Subject to approval of the Head of School.

R: FREN 417, LANC 401

FREN 480 Research Essay

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.

FREN480-13W (C) Whole Year (S1 and S2)

FREN 690 MA Thesis

1.0000 EFTS

P: Subject to approval of the Head of School.

FREN690-13A (C) Starts Any time

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

LANC 401 In Other Words What? Theory and Practice of Translation

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: Eligibility for the Honours programme in one of the six languages taught in the School.

R: FREN 417

LANC401-13S1 (C) Semester 1

LANC 402 Theories and Practices of E-Learning in Non-native Language Acquisition

0.2500 EFTS

The course aims at developing participants' awareness of e-learning theories and practices and approaches to non-native language teaching/learning and project design. Participants will be introduced to key concepts and theories in e-learning related to non-native language teaching and learning. Exemplars of e-learning tools and activities will be analysed in connection to theories of e-learning and relevant academic research. Participants will investigate, analyse and evaluate literature in e-learning and connected areas in relation to non-native language teaching and learning.

P: Non-native language at 300-level or equivalent

LANC402-13S1 (C) Semester 1

FREN 790 French PhD

1.0000 EFTS

P: Subject to approval of the Head of School.

FREN790-13A (C) Starts Any time

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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Freshwater Management

Waterways Centre for Freshwater Management

WATR 201 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.

WATR201-13S2 (C) Semester 2

Fieldwork is required.

WATR 301 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.

WATR301-13S1 (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.

WATR 401 Advanced Water Resources

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: (1) 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.

WATR401-13S1 (C) Semester 1

Fieldwork is required.

WATR 402 Determinants of Water Availability and Quality

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: (1) 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.

WATR402-13S2 (C) Semester 2

Fieldwork is required.

WATR 403 Water Management, Policy and Planning

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: (1) 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.

WATR403-13S2 (C) Semester 2

Fieldwork is required.

WATR 690 MWaterRM Thesis

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.

WATR690-13A (C) Starts Any time

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

WATR 790 Water Resource Management PhD

1.0000 EFTS

P: Subject to approval of the Director of the Waterways Centre.

WATR790-13A (C) Starts Any time

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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.

Gender Studies

School of Social and Political Sciences

GEND 329 Independent Course of Study

30 Points

0.2500 EFTS

Not offered in 2013

P: Permission of the Programme Coordinator.

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.

GEND 690 Gender Studies M.A. Thesis

1.0000 EFTS

P: Subject to approval of the Programme Director.

GEND690-13A (C) Starts Any time

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

GEND 790 Gender Studies PhD

1.0000 EFTS

P: Subject to approval of the Programme Director.

GEND790-13A (C) Starts Any time

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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.

Geographic Information Science

Department of Geography

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.

GISC 401 Foundations of Geographic Information Science

0.1250 EFTS

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: GEOG 205 and one other GIS course recommended

GISC401-13S1 (C) Semester 1

Limited entry. See limitation of entry regulations.

GISC 402 GI Science Research

0.1250 EFTS

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. The course will include a series of guest lecturers from experts across academia, industry and government providing insight into the landscape of employment or further research. 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, GIS.

RP: GEOG 205, GISC 401

GISC402-13S2 (C) Semester 2

Limited entry. See limitation of entry regulations.

GISC 403 Cartography and Geovisualisation

0.1250 EFTS

This paper 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: GEOG 205, GISC 401, GISC 404, GISC 406

GISC403-13S2 (C) Semester 2

GISC 404 Spatial Analysis

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, GIS.

R: GEOG 323

RP: GEOG 205, GEOG 324

GISC404-13S1 (C) Semester 1

GISC 405 GIS Programming and Databases

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.

GISC405-13S1 (C) Semester 1

GISC 406 Remote Sensing for Earth Observation

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 three dimensions. The derived information can be used for further analysis in Geographic Information Systems.

R: GEOG 407

RP: GEOG 205, GEOG 313

GISC406-13S1 (C) Semester 1

GISC 411 Geographic Information Systems (GIS) in Health

0.1250 EFTS

This course will provide students with an introduction to the application of Geographic Information Science (GIS) in the study of health, disease and health care. Students will be expected to apply these GIS methods in developing a research proposal.

P: Entry is subject to the approval of the Programme Director: GIS.

RP: HLTH 462 recommended but not required.

GISC411-13S1 (C) Semester 1

GISC 412 Spatial Algorithms and Programming

0.1250 EFTS

This course builds on the GIS programming and database course, GISC 405, to develop students' ability to use python in GIS software such as ArcGIS as well as open source GIS software, and to understand and create spatial algorithms. This course is largely lab and project based, where the context and theoretical framework is presented in lectures and tutorials in order to guide the hands on development.

P: GISC 405

RP: GEOG 205, GEOG 324

GISC412-13S2 (C) Semester 2

GISC 413 Special Topic: Geomatic Data Acquisition Techniques

0.1250 EFTS

This course will give students a broad understanding of the techniques and issues involved with position measurement and capture of geographic data or images. Much of the course material will concentrate on airborne photography, but other remote sensing, positioning and data gathering platforms will be included, including GPS, oceanic platforms and sensors.

P: Entry is subject to the approval of the Programme Director: GIS.

RP: GISC 404, GISC 406

GISC413-13S2 (C) Semester 2

Limited entry. See limitation of entry regulations.

GISC 415 Geographic Information Systems (GIS) Internship

0.1250 EFTS

This course allows students to utilize knowledge gained from the PGDipGIS/MGIS 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 subject to the approval of the Programme Director, MGIS.

R: Subject to the approval of the MGIS Director against normal or previous employment.

RP: Total of 0.5 EFTS at 400-level, including GISC 401, GISC 404 & GISC 405, as well as enrolment in GISC 402.

GISC415-12SU2 (C) Summer (Nov 12)

GISC415-13S2 (C) Semester 2

GISC 416 Special Topic

0.1250 EFTS

Special Topic GIS course offered by visiting academic.

P: Entry subject to the approval of the Programme Director, MGIS.

RP: GISC 401, GISC 404, GISC 406

GISC416-13S1 (C) Semester 1

GISC416-13S2 (C) Semester 2

GISC 690 GISC Thesis

1.0000 EFTS

P: 1) MGIS Part 1; 2) Entry subject to approval of the Director: GIS.

RP: GISC 401, GISC 402

GISC690-13A (C)**Starts Any time***Part-time enrolment (0.65 EFTS) is available on approval.*

Geography

Department of Geography

GEOG 106 Global Environmental Change

15 Points 0.1250 EFTS

The objective of this course is to develop an understanding of the nature of major environmental changes at the global scale and to discuss a range of management strategies to improve societal resilience. Among the types of issues considered are population growth, food security, land degradation, global climate change and peak oil. Goals of the course include: To understand the role of natural systems, such as the atmosphere and the carbon and hydrological cycles, in global environmental change. To assess the factors that drive human behaviour in respect of global environmental issues. To investigate how people's activities affect natural systems, and the ways in which undesirable impacts can be regulated. To assess some key management strategies to enable society to be more resilient to future changes, and to introduce some methods for modelling, analysing and visualising global environmental change, including Geographic Information Systems (GIS) and Remote Sensing Technology.

R: GEOG 103

GEOG106-13S2 (C)**Semester 2****GEOG 109 Forces in Nature**

15 Points 0.1250 EFTS

An introduction to physical geography at University level. The 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.

GEOG109-13S1 (C)**Semester 1****GEOG 110 Dynamic Places: Exploring Human Environments**

15 Points 0.1250 EFTS

Places are always restless and changing. The dynamism of place is obvious in global centres such as London, New York and Tokyo, but it is also important in smaller cities and rural communities. This course draws on the insights of human geography to deepen our understanding of how places are made and remade, and some of the consequences for human communities. We will consider how places change in response to both local actions and broader forces, and

introduce some of the key methods and techniques used to explore these interactions.

R: GEOG 107

GEOG110-13S1 (C)**Semester 1****GEOG 201 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: GEOG 201 prior to 2009.

GEOG201-13S1 (C)**Semester 1****GEOG 202 Globalisation and New Geographies**

15 Points 0.1250 EFTS

This course examines contemporary aspects of globalization by focusing on new forms of economic activity, consumption and social life. Attention is given to the processes which are transforming places, whether urban or rural, and to the people within them. Examples will be drawn from within and beyond New Zealand.

P: Any 30 points of 100-level geography, or entry with the approval of the Head of Department.

GEOG202-13S1 (C)**Semester 1****GEOG 205 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 of 100-level geography, or entry with the approval of the Head of Department.

GEOG205-12SU2 (C)**Summer (Nov 12)****GEOG205-13S2 (C)****Semester 2****GEOG 206 Resource and Environmental Management**

15 Points 0.1250 EFTS

This course will provide students with a general introduction to debates in resource and environmental management, an understanding of the policies and practices of such management in New Zealand, a critical analysis of the concepts upon which these are based, and an insight into

practical issues in this field, including environmental and social impact analysis and the Resource Management Act.

P: Any 30 points of 100-level geography, or entry with the approval of the Head of Department.

GEOG206-1352 (C) Semester 2

GEOG 211 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: GEOG 201

R: GEOG 201 prior to 2009

GEOG211-1351 (C) Semester 1

GEOG 212 Geographies of Development

15 Points 0.1250 EFTS

Not offered in 2013

This course provides students with an understanding of development geography and critical geopolitics. It considers the spatial imaginaries through which we know and map the so-called third world and the material consequences of these imaginaries for people, places and politics.

P: Any 30 points of 100-level geography, or entry with the approval of the Head of Department.

R: CULT 212

EQ: CULT 212

GEOG 213 Remaking the New Europe

15 Points 0.1250 EFTS

Europe is environmentally diverse, with a complex history, and long duration and high intensity of human occupancy. It is of special importance to New Zealand, due to strong and persistent cultural linkages, and the continuing but transforming economic and political ties. The first half of the course is an overview of Europe's environmental diversity and complicated history as expressed in highly uneven development, contrasting landscapes, and a tradition of conflict now countered by such institutions as the EU. The second part focuses on European integration since 1945 (in both its European and global contexts) through such themes as migration, investment, international relations and tourism.

P: Any 30 points of 100-level Geography, or any 90 points approved by the Head of Department.

R: EURO 223

EQ: EURO 223

GEOG213-135U1 (C) Summer (Jan 13)

GEOG 305 Environmental Hazards and Management

30 Points 0.2500 EFTS

The course aims to develop an understanding of environmental hazards and their management by focusing on two main groups of hazards: meteorological, geomorphological, hydrological and coastal hazards; and air pollution hazards. Topics dealt with include: global hazard impacts; character of specific hazard types (flooding, drought, severe storms, avalanches, mass movement, wildfire, coastal erosion and tsunamis); response to hazards from global to local scale; air pollution meteorology, pollution exposure, transport and pollution; air pollution thresholds and management by use of controls and technology. Examples from New Zealand and overseas will be used throughout the course.

P: 30 points of 200-level geography, or in special cases with approval of the Head of Department.

GEOG305-1351 (C) Semester 1

GEOG 309 Research Methods in Geography

30 Points 0.2500 EFTS

The goals of this course are to develop students' ability to undertake geographical research and to foster a critical appreciation of the research of others, both in preparation for graduate study and for entry into the workforce. This course takes a novel approach being based on problem-based learning in which students learn by being engaged in the research process. The training, practice and critical evaluation of the conduct of geographical research is carried out in groups with the communication of research findings using oral, numerate and written skills. The course is taught through occasional lectures and regular two-hour work-group meetings each week, supported by the availability of web-based resources, as well as active involvement in two field trips. The emphasis is on students working together to solve real world problems using transferable workplace skills.

P: 30 points of 200-level geography, or in special cases with approval of the Head of Department.

R: GEOG 204, GEOG 303

GEOG309-1352 (C) Semester 2

GEOG 310 Weather Systems

15 Points 0.1250 EFTS

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 the Head of Schoole 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 GEOG 201, or in special cases with approval of the Head of Department.

GEOG310-1352 (C) Semester 2

GEOG 311 Coastal Studies

15 Points 0.1250 EFTS

This course is aimed at those wanting to work in the fields of coastal/environmental science, resource and hazard management and coastal/environmental engineering, as well as at anyone with an interest in the coast. Students with a wide variety of backgrounds and diverse skills and perspectives are welcome in the course. GEOG 311 explores the processes responsible for change in coastal environments and the development of coastal landforms in New Zealand, the Pacific and worldwide. Topics examined include waves, currents, sea levels, sediments, beaches, wetlands, tropical reefs and human interactions with the coast. Students will gain an understanding of conceptual and computational models of the coastal zone, along with practice in the field and laboratory techniques used in coastal zone investigation. As the course explores both the processes operating in different coastal environments and coastal management themes, there will be direct industry involvement with ECAN, CCC and NIWA. There will be a compulsory one-day fieldtrip on which you will have the opportunity to measure waves, currents and profiles, and to collect sediment and ecological data to analyse in labs, plus an essay and exam.

P: 30 points of 200-level Geography, including GEOG 201, or in special cases with approval of the Head of Department.

GEOG311-1351 (C) Semester 1

GEOG 312 Glacial Processes

15 Points 0.1250 EFTS

GEOG 312 explores physical glaciological processes, and in particular, glacier motion and glacier hydrology. The course focuses on understanding derived from the results of recent research on the operation of these processes in temperate valley glaciers, although the results of research on other types of natural ice bodies (e.g. ice sheets) will be included where relevant. Knowledge oriented learning outcomes include an understanding of glacier processes, especially ice motion and glacier hydrology, and of interactions between glaciers and landscape; and understanding of glacier-related research conducted in New Zealand, as well as at other significant research glaciers around the world. Skill-oriented outcomes include the ability to use spreadsheet software to facilitate research-orientated data analysis, the ability to interpret and understand a wide range of types of graphical data, and the ability to critically evaluate published work, as well as own work and peer group work.

P: 30 points of 200-level Geography, including GEOG 201, or in special cases with approval of the Head of Department.

GEOG312-1352 (C) Semester 2

GEOG 313 Remote Sensing Data for Geographic Analysis

15 Points 0.1250 EFTS

This course explores available remote sensing data streams and develops skills for the acquisition and analysis of satellite data. Practical work focuses on the preparation of data for use in a Geographic information system (GIS). Laboratory exercises using RSInc's ENVI software package, set weekly during Term 3, introduce practical skills required to complete a data preparation task during the final term.

P: 30 points of 200-level Geography, including GEOG 205, or in special cases with approval of the Head of Department.

GEOG313-1352 (C) Semester 2

GEOG 320 Space, Place and Power

30 Points 0.2500 EFTS

Not offered in 2013

This course introduces students to advanced perspectives in cultural geography, focusing in particular on the theorization of space, place and power. The course covers postmodern, poststructuralist and postcolonial geographies, geographies of 'race' and gender, indigenous geographies, geographies of consumption and relational geographies.

P: 30 points of 200-level Geography, including GEOG 202 or GEOG 212, or entry with the approval of the Head of Department.

GEOG 321 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: EURO 310

EQ: EURO 310

GEOG321-1352 (C) Semester 2

GEOG 322 Geography of Health

30 Points 0.2500 EFTS

The course provides an introduction to the concepts and applications of health geography through exploration of spatial patterns of human disease and health-care services. The course is organised into the following sections: health and the physical environment, health inequalities, geography of health systems and service provision, and global health challenges.

P: 30 points of 200-level Geography, or HLTH 201 and HLTH 202, or in special cases with approval of the Head of Department.

GEOG322-1351 (C) Semester 1

GEOG 323 Geospatial Analysis in the Social and Environmental Sciences

15 Points 0.1250 EFTS
 This course provides an introduction to a number of spatial analytic methods, theories and techniques used in the social sciences. The course focuses specifically on the 'geography of crime' and the 'geography of health' and looks at ways in which GIS has been used to bolster private and public decision-making in these fields. A variety of software packages are introduced and used to explore different elements of spatial analysis as well as highlight a number of problems inherent when dealing with spatial data such as the ecological fallacy and modifiable areal unit problem (MAUP).

P: 30 points of 200-level Geography, including GEOG 205, or in special cases with approval of the Head of Department.

GEOG323-13S2 (C) Semester 2

GEOG 324 Advanced GIS

15 Points 0.1250 EFTS
 This course builds on GEOG 205: Introduction to GIS, delving deeper into the nuts and bolts of how GIS work and advancing students' knowledge and skills in geographic data management, analysis and visualisation. GEOG 324 is a technical, largely lab and project based course, where students will use a mix of the leading proprietary GIS software, ArcGIS, and open source software to gain advanced skills in GIS. Students will learn how databases are used to store geographic information and how we can customise existing GIS to our needs, and gain practice in spatial analysis and how to publish and visualise geographic information on paper and on the web. There is also a research component to the course in order to ensure students are aware of the research landscape in GIS and are able to critically analyse work undertaken in GIScience.

P: 30 points of 200-level Geography, including GEOG 205, or in special cases with approval of the Head of Department.

GEOG324-13S1 (C) Semester 1

GEOG 340 Field Based Geomorphic Applications

15 Points 0.1250 EFTS
 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 steepland environments.

P: 30 points of 200-level Geography, including GEOG 201, or in special cases with approval of the Head of Department.

GEOG340-13S1 (C) Summer (Jan 13)

GEOG 343 Independent Course of Study

15 Points 0.1250 EFTS

Not offered in 2013

P: Subject to approval of the Head of Department.

GEOG 344 Special Topic

15 Points 0.1250 EFTS

P: 30 points of 200-level Geography or entry with the approval of the Head of Department.

GEOG344-13S1 (C) Semester 1

GEOG 345 Special Topic

15 Points 0.1250 EFTS

P: 30 points of 200-level Geography or entry with the approval of the Head of Department.

GEOG345-13S2 (C) Semester 2

ARTS 395 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: Special application and interview, with permission of Internship Director.

RP: Students should attend UC Careers CV writing and Interview skills workshops prior to submitting internship application.

ARTS395-13S1 (C) Semester 1

ARTS395-13A (C) Starts Any time

ARTS395-13S2 (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 www.arts.canterbury.ac.nz/internship 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.

GEOG 401 Geographies of Health and Well-Being

0.2500 EFTS

This course focuses on the role of geographic context in shaping health outcomes and well-being. The course illustrates how an understanding of population health must take into account the physical and social environments within which people live, and that health outcomes are not simply a reflection of the clustering of individuals with similar socio-economic attributes. Findings from both quantitative and qualitative research will be used

to examine the connections between place, health and well-being.

P: Entry subject to approval of Head of Department.

R: GEOG 452

GEOG401-13S1 (C) Semester 1

GEOG 402 Sustainable Urban Development 0.2500 EFTS

This course explores the contemporary and pressing issue of sustainable urban development, in the context both of the western world and the developing world. The course focuses on geographical issues related to urban planning for resource use and infrastructure development, including energy use, transport networks and housing development. The course includes an applied and practical element, conducted in collaboration with local government officials.

P: Entry subject to approval of Head of Department.

R: GEOG 446

GEOG402-13S2 (C) Semester 2

GEOG 403 Encountering Places/Ma te Whenua 0.2500 EFTS

The course emphasizes how place can be experienced as a site of encounter amongst peoples, objects, and minds. Ma te whenua ka whai oranga ai – through land our experiences flourish. Via fieldtrips we will move outside the classroom to learn together and explore the meanings of such things as mountains, skies, waters, and plants. We will gain an appreciation of the significance and variety of western and indigenous meanings of place. Ma te whenua – land is boundless.

P: Entry subject to approval of Head of Department.

R: MAOR 424

EQ: MAOR 424

GEOG403-13S2 (C) Semester 2

GEOG 404 Resource and Environmental Management (REM) in New Zealand 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 tHead of Schoole considering a career related to resource use.

P: Entry subject to approval of Head of Department.

R: GEOG 444

GEOG404-13S1 (C) Semester 1

Limited entry. See limitation of entry regulations.

GEOG 408 Cryospheric Processes and Climate Change 0.2500 EFTS

This course explores the nature and processes of the response of the cryosphere - the Earth's snow and ice - to climate change. Various scientific dimensions of the issue are explored, including glacier mass balance, snow pack behaviour and variability and periglacial processes. The focus is on the cryosphere in New Zealand and Antarctica. Sensitivity and response to changing climate conditions is a central theme. The course includes a field trip to the Franz Josef Glacier and the Craigieburn Mountains.

P: Entry subject to approval of Head of Department.

R: GEOG 439, GEOG 440

GEOG408-13S2 (C) Semester 2

GEOG 409 Coastal and Fluvial Earth Systems 0.2500 EFTS

This course explores the interlinked themes of coastal and fluvial geomorphic processes in the context of an Earth systems approach to understanding earth surface processes. It also explores the ways in which understandings of these processes inform effective management of our environment. Core topics will include ocean waves, coastal and catchment sediments, integrated catchment management, river mouths and coastal inlets, theoretical and numerical models of shoreline evolution, artificial and urban coasts, and tropical reefs. Examples will be drawn from New Zealand, the Pacific, and worldwide.

P: Entry subject to approval of Head of Department.

R: GEOG 437

GEOG409-13S1 (C) Semester 1

GEOG 410 Atmospheric Environments 0.2500 EFTS

The main goal of this course is to provide an appreciation of research approaches in atmospheric science. The main focus is on atmospheric processes near the ground, including surface radiational and turbulent heat, moisture and material exchanges, and the development and characteristics of the atmospheric boundary layer. Building on this background knowledge, students are introduced to atmospheric processes over varying surface types as well as complex terrain, which often produce local wind systems and other local climate variations that have significance for human activity. Having covered the key atmospheric boundary layer processes, applications to such problems as air pollution dispersion, wind energy and agriculture will be covered. In addition, atmospheric modelling techniques will also be introduced through idealised simulations and analysis of results.

P: Entry subject to approval of Head of Department.

R: GEOG 435, GEOG 437

GEOG410-13S2 (C) Semester 2

GEOG 411 Cultural Studies, Globalization and New Technologies 0.2500 EFTS

Not offered in 2013

This course explores various dimensions of the cultural politics of globalization and new media technologies in

the early 21st century. We will examine how new cultural, technological and economic developments and practices are disrupting and reconfiguring established social and spatial boundaries and formations. This course provides students with conceptual tools necessary for understanding the forces that are driving the current rapid transformation of our world, and the efforts of different cultural agents to participate in and shape these transformations. Topics include environmentalism and post-environmentalism, war and conflict in the digital age, new media cultures, illegal global economies, global Indigenous media movements, and consumption as/and cultural activism.

P: Entry subject to approval of Head of Department
R: CULT 401
EQ: CULT 401

GEOG 418 Independent Course of Study 0.1250 EFTS

GEOG418-13S1 (C) Semester 1
GEOG418-13S2 (C) Semester 2

GEOG 420 Research Project 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 Head of Department.
R: GEOG 480, GEOG 490, GEOG 481, GEOG 491

GEOG420-13W (C) Whole Year (S1 and S2)
GEOG420-13CY (C) Cross Year

GEOG 690 MA Thesis 1.0000 EFTS

P: Subject to approval of the Head of Department.
GEOG690-13A (C) Starts Any time
Part-time enrolment (0.65 EFTS) is available on approval.

GEOG 695 MSc Thesis 1.0000 EFTS

The thesis shall normally be completed and presented to the Registrar within a 12 month period. Students must consult the MA or MSc Regulations for details of the other requirements for the degree.

P: Subject to approval of the Head of Department.
GEOG695-13A (C) Starts Any time

GEOG 790 Geography PhD 1.0000 EFTS

P: Subject to approval of the Head of Department.
GEOG790-13A (C) Starts Any time
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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Geology

Department of Geological Sciences

GEOL 111 Planet Earth: An Introduction to Geology 0.1250 EFTS

15 Points
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: ENCI 271
GEOL111-13S1 (C) Semester 1

GEOL 112 Understanding Earth History 0.1250 EFTS

15 Points
An outline of the development and diversity of life on Earth, the forces controlling Earth history and the geological structure and development of New Zealand and the southwest Pacific. The course also considers the application of geological knowledge to society.

R: ENCI 271
RP: GEOL 111
GEOL112-13S2 (C) Semester 2

GEOL 113 Environmental Geohazards 0.1250 EFTS

15 Points
An introductory course emphasising geological hazards in the natural environment such as volcanic activity, earthquakes and land instability. The course includes a one-day workshop and one day field visits relating to hazards affecting Christchurch and north Canterbury.

GEOL113-13S2 (C) Semester 2

GEOL 237 Special Topic 0.1250 EFTS

15 Points
Students may only enrol in this Special Topic course on the advice of the Department of Geological Sciences.

P: Entry subject to Head of Department approval.
GEOL237-13S1 (C) Semester 1
GEOL237-13S2 (C) Semester 2

GEOL 240 Field Studies A - Mapping 0.1250 EFTS

15 Points
Geological mapping involves the observation, recording, presentation and interpretation of field data, all fundamental skills required by practising geologists. Students enrolling in GEOL 240 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: GEOL 111 and GEOL 112, or, with a B+ average, or a standard acceptable to the Head of Department, GEOL 113 may be substituted for GEOL 111 or 112.

C: 15 points from any of GEOL 242-245 offered in the same semester

R: GEOL 230

GEOL240-13S1 (C) Semester 1

GEOL 241 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: GEOL 111 and GEOL 112, or, with a B+ average, or a standard acceptable to the Head of Department, GEOL 113 may be substituted for GEOL 111 or 112.

C: 15 points from any of GEOL 242-245 offered in the same semester.

R: GEOL 231

GEOL241-13S2 (C) Semester 2

GEOL 242 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: GEOL 111 and GEOL 112. With a B+ average, or a standard acceptable to the Head of Department, GEOL 113 may be substituted for GEOL 112.

R: GEOL 232, GEOL 238

GEOL242-13S1 (C) Semester 1

GEOL 243 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 geological history, and the techniques and approaches that allow geologist 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's geological development.

P: GEOL 111 and GEOL 112. With a B+ average, or a standard acceptable to the Head of Department, GEOL 113 may be substituted for either GEOL 111 or GEOL 112.

R: GEOL 234, GEOL 235

GEOL243-13S1 (C) Semester 1

GEOL 244 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: GEOL 111 and GEOL 112, or, with a B+ average, or a standard acceptable to the Head of Department, GEOL 113 may be substituted for GEOL 111 or GEOL 112.

R: GEOL 233, GEOL 236

GEOL244-13S2 (C) Semester 2

GEOL 245 Earth System Science

15 Points 0.1250 EFTS

The course examines the dynamic interactions between the geosphere, hydrosphere, atmosphere, and biosphere determine the natural conditions of Earth at all spatial and temporal scales.

P: GEOL 111 and GEOL 112, or, with a B+ average, or a standard acceptable to the Head of Department, GEOL 113 may be substituted for GEOL 111 or 112. In addition 15 points from GEOG, BIOL, CHEM or MATH 100 courses.

R: GEOL 234

RP: 100-level MATH course is strongly recommended.

GEOL245-13S2 (C) Semester 2

GEOL 331 Principles of Basin Analysis

15 Points 0.1250 EFTS

An introduction to the principles, methods and tools of basin analysis.

P: GEOL 243 and an additional 15 points from GEOL 242-245.
RP: GEOL 242 or GEOL 244.

GEOL331-13S1 (C) Semester 1

GEOL 334 Tectonics and the New Zealand continent

15 Points 0.1250 EFTS

Not offered in 2013

Tectonic and structural aspects of convergent and divergent plate margins and their application to the geological development of New Zealand.

P: GEOL 240, GEOL 241, and GEOL 244.

C: Recommended GEOL 351, GEOL 352

GEOL 336 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: GEOL 232 or GEOL 242 plus one additional course from GEOL 233-GEOL 238 or GEOL 243-GEOL 245.

GEOL336-13S2 (C) Semester 2

GEOL 337 Exploration and Mining Geology

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: GEOL 242 and 15 points from GEOL 243-245.

GEOL337-13S1 (C) Semester 1

GEOL 338 Engineering and Environmental Geology

15 Points 0.1250 EFTS

Principles and practices of engineering geology and environmental management associated with mining activities.

P: GEOL 242 and 15 points from GEOL 243-245

GEOL338-13S2 (C) Semester 2

GEOL 339 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: 30 points from GEOL 242-245 and approval of Head of Department.

GEOL339-13S1 (C) Semester 1

GEOL 340 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: 30 points from GEOL 242-245 and approval of Head of Department.

GEOL340-13S2 (C) Semester 2

GEOL 342 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: Entry subject to Head of Department approval.

GEOL342-13S1 (C) Semester 1

GEOL 343 Special Topic

15 Points 0.1250 EFTS

Not offered in 2013

Students may only enrol in this Special Topic course on the advice of the Department of Geological Sciences.

P: Entry subject to Head of Department approval.

EQ: GEOL 343

GEOL 351 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 230 or GEOL 240 (2) GEOL 231 or GEOL 241

(3) 44-45 points from other GEOL 200-level courses.

C: 15 points from GEOL 331-338 offered in same semester.

GEOL351-13S1 (C) Semester 1

GEOL 352 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 230 or GEOL 240; (2) GEOL 231 or GEOL 241;

(3) 44-45 points from other GEOL 200-level courses.

C: 15 points from GEOL 331-338 offered in the same semester.

R: GEOL 329, GEOL 330

GEOL352-13X (C) 18 Feb 2013 - 30 June 2013

This course involves fieldwork that takes place in February.

GEOL 353 Past Climates and Glaciations

15 Points 0.1250 EFTS

This course examines the climatic history of the Earth beginning with a look at climate drivers in the Proterozoic and Phanerozoic with an emphasis on New Zealand Tertiary and Quaternary climate events and glaciations, and their relationship to global events.

P: GEOL 243 and an additional 15 points from GEOL 242-245.

RP: GEOL 245

GEOL353-13S2 (C) Semester 2

GEOL 354 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: 45 points from GEOL 240-245

GEOL354-13S2 (C) Semester 2

GEOL 355 Water and Geothermal Systems

15 Points 0.1250 EFTS

An introduction to water in the geological environment emphasizing surface water, groundwater, geothermal systems - and the linkages and differences between them. Students will learn how to observe and measure surface flow, hydraulic properties, liquid and gas phases of water.

P: 15 points from GEOL 242-245

GEOL355-13S1 (C) Semester 1

GEOL 356 Field-focused Research Methods

15 Points 0.1250 EFTS

This is a focused undergraduate research course for students enrolled in the Frontiers Abroad programme. It is designed to link field mapping and data collection with instruction in research methods and dedicated tutorials in laboratory techniques and data processing.

P: A major in Geological Sciences and enrolment in the Frontiers Abroad programme.

R: GEOL 230-231, GEOL 240-241, GEOL 351-352. Not open to students enrolled in a UC degree programme.

GEOL356-13S1 (C) Semester 1

This course involves fieldwork that takes place in January and February.

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.

GEOL 473 Structural Geology

0.1250 EFTS

Not offered in 2013

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.

GEOL 474 Igneous Petrology and Geochemistry

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.

GEOL474-1352 (C)

Semester 2

GEOL 475 Engineering and Environmental Geophysics

0.1250 EFTS

The focus is on near-surface geophysics and its applications, which include mapping and monitoring of groundwater resources, engineering applications, mapping of structure and stratigraphy, and archeological and forensic work. The material covered in GEOL 475 should provide much of the background needed to begin to read, and ultimately contribute to, the geophysical technical literature.

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 480

GEOL475-1351 (C)

Semester 1

GEOL 476 Physical Volcanology

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.

GEOL476-13X (C)

28 Jan 2013 - 30 June 2013

GEOL 477 Sediment Transport and Deposition

0.1250 EFTS

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.

GEOL477-1352 (C)

Semester 2

GEOL 478 Tectonics of Sedimentary Basins

0.1250 EFTS

Not offered in 2013

This course will focus on examining case studies of tectonic sedimentary basins, both ancient and modern. These will include flexural basins such as foreland basins, collisional basins, forearc basins and passive margins; extensional basins such as rift basins, core complexes, backarc basins, intra-arc basins, and oceanic rifts; and strike-slip basins such as pull-apart basins, intra-arc basins, and transpressional and transtensional basins. The case studies will be drawn from around the world and are dependent on student interests.

P: Subject to approval of the Head of Department.

GEOL 479 Active Tectonics and Geomorphology

0.1250 EFTS

Not offered in 2013

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 of the Head of Department.

GEOL 480 Geological Evolution of NZ and Antarctica

0.1250 EFTS

The course is built around the geological development of New Zealand and Antarctica and will focus on the evolution of the Pacific sector of the Gondwana margin and its break-up to form the Southern Ocean and the austral continents. The connecting theme will be regional tectonics and an integration of data from magmatic, metamorphic and sedimentary basin histories into a consistent tectonic

story. The validity of a range of tectonic and terrane models will be assessed.

P: Subject to approval of the Head of Department.

GEOL480-13S2 (C) Semester 2

GEOL 481 Applied Palaeobiology

0.1250 EFTS

This course covers the application of micro- and macrofossil data in the interpretation of palaeoenvironments through laboratory and field projects; and covers aspects of biogeography, palaeoecology, taphonomy and bias in the fossil record in seminar based classes. An emphasis is placed on New Zealand examples.

P: Subject to approval of the Head of Department.

GEOL481-13S1 (C) Semester 1

GEOL 483 Petroleum and Coal Geology

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 the consequences and risks.

P: Subject to approval of the Head of Department.

GEOL483-13S2 (C) Semester 2

GEOL 484 Special Topic

0.1250 EFTS

P: Subject to approval of the Head of Department.

GEOL484-13S1 (C) Semester 1

GEOL 485 Special Topic

0.1250 EFTS

P: Subject to approval of the Head of Department.

GEOL485-13S1 (C) Semester 1

GEOL 488 Special Topic: Independent Course of Study

0.1250 EFTS

P: Subject to approval of the Head of Department.

GEOL488-13X (C) 04 Feb 2013 - 09 June 2013

GEOL488-13S2 (C) Semester 2

GEOL 489 Glacial Geology and Geomorphology

0.1250 EFTS

Field based studies in glacial sedimentology and glacial geomorphology supported by seminars on geochronology and glacial geological theory.

P: Subject to approval of the Head of Department.

GEOL489-13S1 (C) Semester 1

GEOL 490 Research Project

0.3333 EFTS

P: Subject to approval of the Head of Department.

GEOL490-13X (C) 14 Jan 2013 - 06 Oct 2013

GEOL490-13CY (C) Cross Year

GEOL 690 MSc Thesis

1.0000 EFTS

P: Subject to approval of the Head of Department.

GEOL690-13A (C) Starts Any time

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

GEOL 790 Geology PhD

1.0000 EFTS

P: Subject to approval of the Head of Department.

GEOL790-13A (C) Starts Any time

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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

German

School of Languages, Cultures and Linguistics

EULC 101 European Society in Film

15 Points 0.1250 EFTS

This course examines aspects of European culture through French, German and Russian films.

R: FREN 114, FREN 214, GRMN 112, GRMN 212, RUSS 104, RUSS 204

EQ: CINE 110

EULC101-13S1 (C) Semester 1

EULC 104 European Languages in Europe and Beyond

15 Points 0.1250 EFTS

This course introduces the formation of four of the most important languages spoken in Europe by investigating ethnic and cultural background, their development into specific linguistic units based on such factors as migration, colonisation, the rise of nation states, etc., and the role they play today in the dynamics of the European identity. It also examines the development and significance of European languages in the Americas and elsewhere, as well as European languages as spoken by European diasporas outside Europe.

R: FREN 117, GRMN 104, RUSS 102, EURO 104

EQ: EURO 104

EULC104-13S2 (C) Semester 2

GRMN 151 Elementary German Language A

15 Points 0.1250 EFTS

German language course for beginners, ie, students with no knowledge of German, based on the communicative approach.

R: GRMN 106, GRMN 114

GRMN151-13S1 (C) Semester 1

GRMN 152 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: GRMN 151 or equivalent

R: GRMN 115, GRMN 106

GRMN152-13S2 (C) Semester 2

GRMN152-13S2 (D) Semester 2

EULC 202 The European City

15 Points 0.1250 EFTS

This course explores the history, culture and present-day transformations of major cities in Europe such as London, Paris, Berlin, Moscow and St Petersburg.

P: Any 45 points

R: EULC 302, CULT 316, FREN 215, FREN 315, GRMN 235, GRMN 335, GRMN 345, RUSS 222, RUSS 322

EULC202-13S2 (C) Semester 2

EULC 203 Representing Evil: the Holocaust and its Legacy

15 Points 0.1250 EFTS

Not offered in 2013

This course examines anti-Semitism, the rise of Nazism in the 1920s and 1930s, and the "Final Solution" of Auschwitz, along with subsequent attempts to explain, represent and come to terms with this "collapse of civilization". It studies literary texts, films and testimonies from Germany, France, Russia and Eastern Europe.

P: Any 45 points

R: EULC 303, FREN 216, FREN 316, GRMN 245, GRMN 346, RUSS 221, RUSS 321

EULC 204 European Novels and Film Adaptations

15 Points 0.1250 EFTS

A study of important European novels and their film adaptations.

P: Any 45 points

R: CINE 214, EULC 304, RUSS 215, RUSS 216

EQ: CINE 214

EULC204-13S2 (C) Semester 2

GRMN 213 Highlights of German Culture

15 Points 0.1250 EFTS

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: 15 points in GRMN at 100-level with a grade of B or better; OR any 30 points in GRMN; OR any 45 points. Note: No knowledge of German required.

R: GRMN 113

GRMN213-13S1 (C) Semester 1

GRMN 236 Literary Responses to German Unification

15 Points 0.1250 EFTS

Not offered in 2013

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: 15 points in GRMN at 100-level with a grade of B or better; OR any 30 points in GRMN; OR any 45 points. Note: No knowledge of German required.

R: GRMN 336

GRMN 251 Intermediate German Language 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: GRMN 115 or GRMN 152 or German Level 3 NCEA or equivalent. Note: Students with Level 2 NCEA should apply to take an online placement test.

R: GRMN 108, GRMN 117

GRMN251-13S1 (C) Semester 1

GRMN 252 Intermediate German Language 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 GRMN 251 and places greater emphasis on writing and reading skills, including the reading of short stories.

P: GRMN 251 or a 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 GRMN 251.

R: GRMN 108, GRMN 118

GRMN252-13S2 (C) Semester 2

EULC 302 The European City

30 Points 0.2500 EFTS

This course explores the history, culture and present-day transformations of major cities in Europe such as London, Paris, Berlin, Moscow and St Petersburg.

P: Any 30 points at 200-level

R: CULT 316, EULC 202, FREN 215, FREN 315, GRMN 235, GRMN 335, GRMN 345, RUSS 222, RUSS 322

EQ: CULT 316

EULC302-13S2 (C) Semester 2**EULC 303 Representing Evil: The Holocaust and its Legacy**

30 Points 0.2500 EFTS

Not offered in 2013

This course examines anti-Semitism, the rise of Nazism in the 1920s and 1930s, and the "Final Solution" of Auschwitz, along with subsequent attempts to explain, represent and come to terms with this "collapse of civilization". It studies literary texts, films and testimonies from Germany, France, Russia and Eastern Europe.

P: Any 30 points at 200-level

R: EULC 203, FREN 216, FREN 316, GRMN 245, GRMN 346, RUSS 221, RUSS 321

EULC 304 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.

R: EULC 204, RUSS 215, RUSS 216

EULC304-13S2 (C) Semester 2**GRMN 336 Literary Responses to German Unification**

30 Points 0.2500 EFTS

Not offered in 2013

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 30 points at 200-level.

GRMN 351 Advanced German Language 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: GRMN 252

R: GRMN 210, GRMN 211, GRMN 301, GRMN 310, GRMN 311

GRMN351-13S1 (C) Semester 1**GRMN 352 Advanced German Language 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: GRMN 351

R: GRMN 211, GRMN 301, GRMN 310, GRMN 311

GRMN352-13S2 (C) Semester 2**ARTS 395 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: Special application and interview, with permission of Internship Director.

RP: Students should attend UC Careers CV writing and Interview skills workshops prior to submitting internship application.

ARTS395-13S1 (C)**Semester 1****ARTS395-13A (C)****Starts Any time****ARTS395-13S2 (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 www.arts.canterbury.ac.nz/internship 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.

GRMN 401 German Language

0.2500 EFTS

P: Subject to approval of the Programme Director.

GRMN401-13S2 (C) Semester 2**GRMN 406 A German Writer**

0.2500 EFTS

Johann Wolfgang Goethe.

P: Subject to approval of the Programme Director.

GRMN406-13S1 (C) Semester 1

GRMN 414 Special Topic

0.2500 EFTS

Berlin Literature - Past and Present.

P: Subject to approval of the Programme Director.

GRMN414-13S1 (C) Semester 1**GRMN 426 After the Fall of the Wall: The New Germany in the New Europe**

0.2500 EFTS

This course studies the current tensions in the political culture of Germany as it seeks to define a new international role for itself after the unification of the Federal Republic and the GDR.

P: Subject to approval of the Programme Director.

R: EURO 426

EQ: EURO 426

GRMN426-13S1 (C) Semester 1**GRMN 480 Research Essay**

0.2500 EFTS

P: Subject to approval of the Programme Director.

GRMN480-13W (C) Whole Year (S1 and S2)**GRMN480-13S2 (C) Semester 2****GRMN 481 Study Abroad in Germany**

0.2500 EFTS

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 paper approved by the German Programme Director.

P: Subject to approval of the Programme Director.

GRMN481-13S1 (C) Semester 1**GRMN 482 Study Abroad in Germany**

0.2500 EFTS

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 paper approved by the German Programme Director.

P: Subject to approval of the Programme Director.

GRMN482-13S1 (C) Semester 1**GRMN 690 MA Thesis**

1.0000 EFTS

P: Subject to approval of the Head of School.

GRMN690-13A (C) Starts Any time*Part-time enrolment (0.65 EFTS) is available on approval.***LANC 401 In Other Words What? Theory and Practice of Translation**

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: Eligibility for the Honours programme in one of the six languages taught in the School.

R: FREN 417

LANC401-13S1 (C) Semester 1**LANC 402 Theories and Practices of E-Learning in Non-native Language Acquisition**

0.2500 EFTS

The course aims at developing participants' awareness of e-learning theories and practices and approaches to non-native language teaching/learning and project design. Participants will be introduced to key concepts and theories in e-learning related to non-native language teaching and learning. Exemplars of e-learning tools and activities will be analysed in connection to theories of e-learning and relevant academic research. Participants will investigate, analyse and evaluate literature in e-learning and connected areas in relation to non-native language teaching and learning.

P: Non-native language at 300-level or equivalent

LANC402-13S1 (C) Semester 1**GRMN 790 German PhD**

1.0000 EFTS

P: Subject to approval of the Head of School.

GRMN790-13A (C) Starts Any time*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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Graphic Design

*Centre for Fine Arts, Music and Theatre***DESI 201 Graphic Design**

90 Points

0.7500 EFTS

Projects relating to graphic design conventions and techniques. Research through production and materials. Delivering multiple outcomes to develop an awareness of contemporary graphic design practice.

P: FINT 103, or by permission of the Head of the School of Fine Arts on the basis of at least 120 points from another degree, a collection of works and an interview. Information may be obtained from the Head of School.

DESI201-13W (C) Whole Year (S1 and S2)*Limited entry. See limitation of entry regulations.*

DESI 301 Graphic Design
 90 Points 0.7500 EFTS
 Projects relating to publications and book design. Professional development with industry engagement. Research focus on developing individual practice.
 P: (1) DESI 201, (2) 30 points at 100-level in ARTH, and (3) 15 points at 200-level in ARTH.
DESI301-13W (C) Whole Year (S1 and S2)
 Limited entry. See limitation of entry regulations.

DESI 401 Graphic Design
 90 Points 0.7500 EFTS
 Individually led research project to be negotiated with course supervisor.
 P: DESI 301
DESI401-13W (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.

DESI 501 Graphic Design
 0.7500 EFTS
 P: (1) FBAG 301 or FBAG 402 or DESI 401; (2) Subject to approval of the Head of Department.
DESI501-13W (C) Whole Year (S1 and S2)

DESI 550 Research Paper
 0.2500 EFTS
 P: (1) FBAG 301 or FBAG 402 or DESI 401; (2) Subject to approval of the Head of Department.
DESI550-13W (C) Whole Year (S1 and S2)

DESI 601 Graphic Design
 1.0000 EFTS
 P: Subject to approval of the Head of Department.
DESI601-13A (C) Starts Any time

DESI 602 Graphic Design
 0.5000 EFTS
 P: Subject to approval of the Head of Department.
DESI602-13W (C) Whole Year (S1 and S2)

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.

HAZM 401 Introduction to Hazards and Disasters
 0.1250 EFTS
 Analysis of the nature and management of hazards and disasters.
 P: Subject to approval of the Programme Director, Department of Geological Sciences.
HAZM401-13S1 (C) Semester 1

HAZM 403 Hazard and Disaster Investigation
 0.1250 EFTS
 Investigation, solution and reporting of hazard and disaster management situations.
 P: Subject to approval of the Programme Director, Department of Geological Sciences.
HAZM403-13S2 (C) Semester 2

HAZM 408 Special Topic
 0.1250 EFTS
 P: Subject to approval of the Head of Department.
HAZM408-13S2 (C) Semester 2

HAZM 410 Special Topic: Geological Risk Management
 0.1250 EFTS
 The goal of the course is to provide participants with some fundamental tools they can use to assess risk and provide solutions to risk management questions. The course is designed to show the complexity of managing risk by introducing participants to diverse and often dynamic factors that influence risk, and training participants in the application of specific techniques to assess and manage risk across a range of conditions.
HAZM410-13S1 (C) Semester 1

HAZM 476 Earthquake and Volcanic Hazards
 0.1250 EFTS
 The course develops advanced skills in earthquake and volcanic hazard recognition, analysis, evaluation and management. Selected case studies are used to illustrate the principles and mitigation techniques available.
 P: Approval from the Head of Department of Geological Sciences.
 R: ENGE 476
HAZM476-13S2 (C) Semester 2

HAZM 490 Research Project

0.3500 EFTS

P: Subject to approval of the Programme Director,
Department of Geological Sciences.

HAZM490-13X (C) 14 Jan 2013 - 06 Oct 2013**HAZM490-13CY (C)** Cross Year**HAZM 690 MSc Thesis**

1.0000 EFTS

P: Subject to approval of the Programme Director,
Department of Geological Sciences.

HAZM690-13A (C) Starts Any time*Part-time enrolment (0.65 EFTS) is available on approval.***HAZM 790 Hazards and Disasters PhD**

1.0000 EFTS

P: Subject to approval of the Programme Director,
Department of Geological Sciences.

HAZM790-13A (C) Starts Any time*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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Health Sciences

*School of Social and Political Sciences courses***HLED 121 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.

HLED121-13S1 (C) Semester 1**HLED 122 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.

HLED122-13S2 (C) Semester 2**HLPA 131 Physical Activity in Health Across the Lifespan**

15 Points 0.1250 EFTS

This course examines the role of physical activity in health. It will introduce students to a socio-ecological perspective of health and consider this in relation to human development across the lifespan. Students will be required to conceptualize and evaluate health promotion through physical activity and explore epistemological and pedagogical approaches that will enhance well-being for self, others and society.

HLPA131-13S1 (C) Semester 1**HLPA 132 Human Response to Physical Activity**

15 Points 0.1250 EFTS

This course examines the human response to physical activity from physiological, psychological and sociological perspectives. Students will examine what constitutes physical activity, and how a human responds to a range of activities across the exercise vs. intensity continuum. This will include an examination of the physiological and psychological responses to physical activity and the placement of such in a sociological context. The implications of growth and development, across the lifespan, for the human response to physical activity will also be examined, as will the predominant energy system for differing exercise intensities and durations.

HLPA132-13S2 (C) Semester 2**HLTH 101 Introduction to Health Studies**

15 Points 0.1250 EFTS

This course provides an interdisciplinary introduction to core topics in health studies including concepts of health, measuring health, determinants of health and health services organisation.

HLTH101-13S1 (C) Semester 1**HLED 221 Models of Health Education**

15 Points 0.1250 EFTS

Not offered in 2013

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. The 'Health Promoting Schools' concept and framework will be explored in depth. School visits will be an important part of the course. This course will provide an essential framework for anyone working with young people or in any area of the health sector

P: HLED 121

HLED 222 Sexuality Education

15 Points 0.1250 EFTS

Not offered in 2013

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 extensive knowledge in relation to sexuality and sexual health practices. A strong 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, deconstructing relationships, gender, the sex industry, sexuality and disability, safer sex.

P: HLED 121, HLED 122

HLED 223 Nutrition and Physical Activity 15 Points 0.1250 EFTS

Not offered in 2013

This course is designed to assist students explore and apply models of Health Education and promotion in a food and nutrition and physical activity context. Students will examine the historical development of food and nutrition and physical activity education and develop knowledge of current pedagogical practices. The determinants of health that influence food choices and physical activity levels will be explored. Students will also explore and critique a wide range of strategies, currently being utilised.

P: HLED 121, HLED 122

HLPA 231 Pedagogies for Active Lifestyles. 15 Points 0.1250 EFTS

Not offered in 2013

This course will allow students to develop pedagogies that will facilitate the development of physically active lifestyles. In particular students will develop a critical understanding of the health related benefits of being physically active, examine policy guidelines and critically analyse the socio-cultural and pedagogical factors associated with barriers to participation and enduring adherence to physical activity. This course concludes with students critically analysing pedagogies that will facilitate the adoption of physically active lifestyles.

P: 30 points at the 100-level in HLPA

HLPA 232 Human Adaptation Through Physical Activity

15 Points 0.1250 EFTS

Not offered in 2013

This course will examine the human adaptations brought about through regular involvement in physical activity from physiological, psychological and sociological perspectives. Students will be required to discuss the human response to chronic physical activity and its effects on health and wellbeing. This will include an examination of the physiological and psychological effects of such programmes and the placement of such in a sociological context. Students will examine the design, implementation and evaluation of lifespan physical activity programmes.

P: HLPA 131, HLPA 132

HLPA 233 Professional Inquiry 15 Points 0.1250 EFTS

Not offered in 2013

This course will utilise the nine competencies identified by the CompHP Core Competencies Framework. Students will be required to transform their knowledge and apply it to a variety of environments and populations situations.

P: 30 points at the 100-level in HLPA

HLED 321 Health Education in Practice - INTERNSHIP

15 Points 0.1250 EFTS

Not offered in 2013

What can students do with their major in Health Education? Students in this internship course 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. Students will apply the analytical skills acquired through the major, and through class seminars and readings, to a project designed by a local company or community group.

P: HLED 221, HLED 222

HLED 322 Critical Analysis of Contemporary Health Issues

15 Points 0.1250 EFTS

Not offered in 2013

Students will critically examine and debate a range of health issues they have encountered in earlier courses, in the media and in their internships. Students will analyse the determinants influencing the health issue, and the implications and consequences of the issues for a diverse range of cultures and population groups. They will provide recommendations for addressing the issue and enhancing the wellbeing of a population through effective health education and promotion practices.

P: HLED 221, HLED 222

HLPA 331 Promoting Physical Activity for Diverse Populations

15 Points 0.1250 EFTS

Not offered in 2013

This course will utilise physiological and socio-cultural perspectives to develop student's understandings of health promotion through physical activity within diverse populations. Students will be required to critically analyse and evaluate health promotion through physical activity research and initiatives. A diverse population could include but will not be limited to: indigenous populations such as Māori, Pasifika, Eastern cultures, older populations and those who are differently abled.

P: HLPA 231, HLPA 232

HLPA 332 Physical Activity, Health and Human Embodiment

15 Points 0.1250 EFTS

Not offered in 2013

Body work is a central activity in the practice of many workers in the field of health and social care (Twig, Wolkowitz, Cohen, & Nettleton, 2011). This course provides an exploration of the concept of body work; paid work on the bodies of others. It will demonstrate the importance of understanding the activities of health promotion workers as they work on moving bodies. By providing an overview of existing research on the body, this course explore the manifold ways in which the body is socially constructed and examines power relationships associated with the body.

This can inform those who are paid to work with and on the moving body in health promotion and physical activity.

P: HLP A 231, HLP A 232

HLP A 333 Physical Activity Promotion Internship

15 Points 0.1250 EFTS

Not offered in 2013

This course provides students with the opportunity to work in a professional environment. The ability for students to implement their learned knowledge and skills to promote physical activity necessitates practical experiences in a professional and authentic context. The knowledge and skills of critical reflection, bridging the theory-practice nexus, developing technical, intra-personal and inter-personal skills to work successfully in a professional environment is very important.

P: HLP A 231, HLP A 232, HLP A 233, HLP A 331

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.

HLTH 481 Counselling and Psychology: Theories and Skills

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: CFPY 604, EDUC 461, EDEM 664

EQ: CFPY 604, EDUC 461, EDEM 664

HLTH481-13W (C) Whole Year (S1 and S2)

Health Sciences Centre courses

HLTH 106 Nga Take, 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.

C: HLTH 101

HLTH106-13S1 (C) Semester 1

HLTH 110 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.

HLTH110-13S1 (C) Semester 1

HLTH 201 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: HLTH 101

HLTH201-13S2 (C) Semester 2

HLTH 202 Health in New Zealand

15 Points 0.1250 EFTS

This course introduces students to key factors influencing health in New Zealand, health across the life course (health and development), disability, and major diseases in New Zealand. The course includes topics such as Māori health, mental health, child health, adolescent health, disability, Gender and health, Health and behaviour, and Ethics and health, illustrated with case studies.

P: HLTH 101, HLTH 106

HLTH202-13S2 (C) Semester 2

HLTH 301 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: HLTH 201 or any 45 points at 200-level

HLTH301-13S2 (C) Semester 2

HLTH 306 Te Kete Hauora - Māori Health Knowledge and Understandings/ Practicum

30 Points 0.2500 EFTS

Not offered in 2013

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.

RP: HLTH 301

HLTH 312 Health Planning, Implementation and Evaluation

15 Points 0.1250 EFTS

Not offered in 2013

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: HLTH 201, HLTH 202, HLTH 213, HLTH 214

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.

HLTH 401 Health and Health Systems

0.2500 EFTS

This course examines the complex determinants of health, the health status and health inequalities of the New Zealand population, the history and current structure of the New Zealand health system, current health policy and research issues and the goals and basis of the New Zealand Health and Disability strategies.

P: Subject to approval of the Director, Health Sciences Centre
R: HLTH 601

EQ: HLTH 601

HLTH401-13S1 (C)

Semester 1

HLTH401-13W (D)

Whole Year (S1 and S2)

HLTH 402 Health Information Management

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 Director, Health Sciences Centre

HLTH402-13S2 (D)

Semester 2

HLTH 405 Special Topic: Independent Study

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 Director, Health Sciences Centre

R: HLTH 605

EQ: HLTH 605

HLTH405-13A (D)

Starts Any time

HLTH 406 Special Topic

0.2500 EFTS

Not offered in 2013

P: Subject to approval of the Director, Health Sciences Centre

R: HLTH 606

EQ: HLTH 606

HLTH 407 Bioethics

0.2500 EFTS

Advances in medicine, the health sector and the biological sciences raise many moral questions. This course examines both the theory and practice of bioethics issues such as

consent and competence, privacy and confidentiality, ethics committees, organ donation and euthanasia.

P: Subject to approval by the Director, Health Sciences Centre

R: HLTH 433, HLTH 434, HLTH 607, PHIL 325, PHIL 433, PHIL 434

EQ: HLTH 607

HLTH407-13S2 (C)

Semester 2

HLTH 408 Special Topic: Independent Study

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 Director, Health Sciences Centre
R: HLTH 608

HLTH408-13A (D)

Starts Any time

HLTH 409 Health and Culture

0.2500 EFTS

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 Director, Health Sciences Centre
R: HLTH 609

HLTH409-13S2 (C)

Semester 2

HLTH 410 Health Leadership

0.2500 EFTS

By the end of the Health Leadership course, students will be able to demonstrate a knowledge and understanding of the leadership of organizations and change, development of the individual, and leading in a changing health sector, grounded in an understanding of contemporary leadership styles and organisations that are appropriate to Aotearoa/New Zealand's peoples.

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

HLTH410-13S2 (D)

Semester 2

HLTH 414 Interprofessional Learning and Collaborative Practice

0.2500 EFTS

This course provides practitioners and educators with the skills to enhance collaborative practice within their teams and to facilitate interprofessional learning opportunities.

P: Subject to approval of the Director, Health Sciences Centre

HLTH414-13T3 (D)

02 Sep 2013 - 01 Dec 2013

HLTH 415 Designing and Managing Learning and Supervision in a Health Care Setting

0.1250 EFTS

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 Director, Health Sciences Centre
HLTH415-13T1 (D) **04 Mar 2013 - 07 July 2013**
Limited entry. See limitation of entry regulations.

HLTH 416 Issues and Processes in Learning and Supervision in a Health Care Setting

0.1250 EFTS

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 Director, Health Sciences Centre
 R: EDCT 701, EDCT 803

HLTH416-13T3 (D) **19 Aug 2013 - 22 Dec 2013**
Limited entry. See limitation of entry regulations.

HLTH 417 Education Proposal for a Health Context

0.2500 EFTS

HLTH 417 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: HLTH 415 and HLTH 416. 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 Director, Health Sciences Centre
 R: EDCT 804

HLTH417-13A (D) **Starts Any time**
Limited entry. See limitation of entry regulations.

HLTH 420 Early Intervention in Public Health

0.2500 EFTS

This course provides an introduction to theory and research in early intervention across the range of health, education, and allied disciplines. Students acquire information on theory and research, and apply these to a study of their particular area of interest—identifying risk factors, existing interventions, and intervention design. The major piece of work can be either a literature review, a short placement, or a project.

P: Subject to approval of the Director, Health Sciences Centre
HLTH420-13W (D) **Whole Year (S1 and S2)**

HLTH 421 Early Intervention Practice

0.2500 EFTS

This course will offer up to 300 hours of supervised experience with service provision in early intervention. Please discuss possible placements with the Course Coordinator prior to enrolment.

P: HLTH 420 and approval of the Programme Coordinator.
HLTH421-13A (D) **Starts Any time**
Student placements are likely to be outside term time.

HLTH 422 Early Intervention Advanced Practice

0.2500 EFTS

This course will offer supervised interdisciplinary practice in early intervention to meet individual goals for professional development.

P: Subject to approval of the Director, Health Sciences Centre
 R: HLTH 622

HLTH422-13A (D) **Starts Any time**

HLTH 430 Motivating Behaviour Change I

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 Director, Health Sciences Centre
 R: HLTH 630

HLTH430-13S1 (D) **Semester 1**

HLTH 431 Motivating Behaviour Change II

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 Director, Health Sciences Centre, and HLTH 430 or HLTH 630
 R: HLTH 631

HLTH431-13S2 (D) **Semester 2**

HLTH 433 Bioethics A

0.1250 EFTS

The ethical problems that arise in the health sector are among the most compelling, realistic, and humanly credible ethical problems that arise in ordinary life. The seminars provide opportunities for ethical discussion and debate among philosophy students (who have studied ethical theory) and professionals working on the front line in health care and others interested in Bioethics. The course generates a better appreciation of the ways in which ethical thinking and discussion proceed in real life contexts.

P: Subject to approval of the Director, Health Sciences Centre
 R: HLTH 407, HLTH 607, PHIL 433

EQ: PHIL 433
HLTH433-13T3 (C) **08 July 2013 - 01 Sep 2013**

HLTH 434 Bioethics B

0.1250 EFTS

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, research with marginalised groups, emergency situations, everyday issues in clinical practice, and public health and resource allocation.

P: Subject to approval of the Director, Health Sciences Centre
 R: HLTH 407, HLTH 607, PHIL 325, PHIL 434
 EQ: PHIL 434
HLTH434-13T4 (C) 02 Sep 2013 - 10 Nov 2013

HLTH 440 Family Health Assessment
 0.2500 EFTS

Not offered in 2013
 This course will re-evaluate traditional family assessment tools, examine their practical consequences and optimise health practitioner's assessments through a skilled process of inquiry guided by relational practice and a socio-environmental understanding of health.

P: Subject to approval of the Director, Health Sciences Centre

HLTH 441 Family Health in Complex Situations
 0.2500 EFTS

Not offered in 2013
 The course will examine family health practitioner's practice with families as a process of relational inquiry and its application in complex and uncertain situations.

P: Subject to approval of the Director, Health Sciences Centre

HLTH 442 Special Topic: Research Related to Complementary and Alternative/ Integrative Medicine (CAM/IM)
 0.2500 EFTS

This course examines issues related to research in Complementary and Alternative/Integrative Medicine, including specific issues in CAM/IM research, as well as research design, data collection and data analysis, ethical issues and dissemination of results. Participants will receive individual mentoring for a research proposal of their choice.

P: Subject to approval of the Director, Health Sciences Centre
HLTH442-13SU2 (D) Summer (Nov 12)

HLTH 448 The Foundation of Hospice Palliative Care
 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 Director, Health Sciences Centre
HLTH448-13T1 (D) 11 Mar 2013 - 30 June 2013

HLTH 449 Praxis in Hospice Palliative Care
 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: HLTH 448. Subject to approval of the Director, Health Sciences Centre.

HLTH449-13T3 (D) 12 Aug 2013 - 22 Dec 2013

HLTH 450 Palliative Care: Advanced Theory and Practice
 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 Director, Health Sciences Centre
HLTH450-13W (D) Whole Year (S1 and S2)

HLTH 451 Men's Health
 0.2500 EFTS

The course will provide an understanding of men's health from a lifecourse perspective. Health risks and health status will be explored in the context of historical and contemporary influences shaping the image of the kiwi male. The future of men's health in New Zealand will be discussed through critical examination of family, work, culture and lifestyle diversity among males.

P: Subject to approval of the Director, Health Sciences Centre
HLTH451-13W (D) Whole Year (S1 and S2)

HLTH 460 Health Intervention Assessment and Research Methods
 0.2500 EFTS

This course will provide students with an understanding 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: Subject to approval of the Director, Health Sciences Centre
 R: HLTH 462

HLTH460-13S1 (C) Semester 1

HLTH 461 Special Topic
 0.2500 EFTS

P: Subject to approval of the Director, Health Sciences Centre
HLTH461-13S2 (C) Semester 2

HLTH 462 Health Intervention Research Methods
 0.1250 EFTS

This course will provide students with an understanding of key quantitative methodological issue in health research from the perspective of research designs and development of current best evidence in health.

P: Subject to approval of the Director, Health Sciences Centre
 R: HLTH 460

HLTH462-13W (C) Whole Year (S1 and S2)

HLTH 472 Introduction to Psychometric Theory and Administration

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 Director, Health Sciences Centre

R: EDUC 624, HLTH 671

HLTH472-13S1 (C) Semester 1

HLTH 482 Theories of Group and Family Counselling

0.1250 EFTS

This course aims to introduce students to the theories, principles and practices of working with groups, families, and wider systems.

P: Subject to approval of the Director, Health Sciences Centre

R: EDEM 671

EQ: COUN 678

HLTH482-13S2 (D) Semester 2

HLTH 483 Solution Focused Theory and Skills

0.1250 EFTS

This course aims to introduce students to the theory and skills of a postmodern model of brief counselling called solution-focused counselling which aims to help clients identify and implement workable solutions to problems.

P: Subject to approval of the Director, Health Sciences Centre

R: EDEM 672

EQ: COUN 679

HLTH483-13S1 (C) Semester 1

HLTH483-13S1 (D) Semester 1

HLTH 484 Contemporary Approaches to Counselling

0.1250 EFTS

This course aims to enable students to develop knowledge of and experience with contemporary approaches to counselling.

P: 1) Subject to approval of the Director, Health Sciences Centre 2) Prerequisites or corequisites: COUN 678 or

HLTH 482 or EDEM 678; and CFPY 604 or EDEM 664 or

EDUC 461 or HLTH 481; and COUN 679 or HLTH 483 or

EDEM 679.

EQ: COUN 677

HLTH484-13S2 (C) Semester 2

HLTH484-13S2 (D) Semester 2

HLTH 501 Advanced Academic Development

0.2500 EFTS

Further academic study, approved by the Director, Health Sciences Centre, relevant to the area of Child and Family Psychology.

P: (1) EDUC 623 or HLTH 670, EDUC 624 or HLTH 671;

(2) Subject to approval of the Director, Health Sciences Centre.

R: EDUC 501

EQ: EDUC 501

HLTH501-13FY (C) Full Year (February to February)

HLTH 502 Advanced Professional Practice in Child and Family Psychology

0.5000 EFTS

The course directs the candidates' experiences in their intern placements 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: (1) EDUC 623 or HLTH 670, EDUC 624 or HLTH 671;

(2) Subject to approval of the Director, Health Sciences Centre.

R: EDUC 502

EQ: EDUC 502

HLTH502-13FY (C) Full Year (February to February)

This paper is the equivalent of two courses.

HLTH 503 Structuring and Examining Professional Practice

0.2500 EFTS

Preparation for, presentation and defence of professional work in formal settings.

P: (1) EDUC 623 or HLTH 670, EDUC 624 or HLTH 671;

(2) Subject to the approval of the Director, Health Sciences Centre.

R: EDUC 503

EQ: EDUC 503

HLTH503-13FY (C) Full Year (February to February)

HLTH 690 MHealSc Thesis

1.0000 EFTS

P: Subject to approval of the Director, Health Sciences Centre

HLTH690-13A (D) Starts Any time

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

HLTH 695 Health Sciences Dissertation

0.5000 EFTS

P: Subject to approval of the Director, Health Sciences Centre

HLTH695-13A (D) Starts Any time

HLTH 697 Health Sciences Thesis

0.7500 EFTS

P: Subject to approval of the Director, Health Sciences Centre

HLTH697-13A (D) Starts Any time

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

HLTH 790 Health Sciences PhD

1.0000 EFTS

P: Subject to approval of the Director, Health Sciences Centre

HLTH790-13A (C) Starts Any time

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 Student Visa

pay the Domestic Fee for this course. International fees apply for all other courses.

Higher Education

School of Education Studies and Human Development

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.

HEDN 503 Tertiary Teaching and Learning Research Design

0.2500 EFTS

Not offered in 2013

The identification, contextualising and planning of a significant area of enquiry relating to teaching and learning in the tertiary context.

P: Subject to approval of Head of Department.
R: EDUC 627

HEDN 504 Tertiary Teaching and Learning Research Project

0.2500 EFTS

Not offered in 2013

The conduct of and reporting on an extended enquiry into an aspect of teaching and learning in the tertiary context.

P: Subject to approval of Head of Department.
R: EDUC 628

HEDN 601 Introduction to Tertiary Teaching

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 Head of Department.

HEDN601-13A (C) Starts Any time

HEDN 602 Tertiary Teaching Method

0.1250 EFTS

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 Head of Department.

HEDN602-13A (C) Starts Any time

HEDN 603 Assessment in Tertiary Teaching

0.1250 EFTS

Examination of contemporary research on assessment in tertiary teaching. Exploration of the effects of the participant's assessment practices on how students learn in order to enhance student learning outcomes.

P: Subject to approval of the Head of Department.

HEDN603-13A (C) Starts Any time

HEDN 604 Tertiary Teaching Scholarship

0.1250 EFTS

The conduct of and reporting on an enquiry into an aspect of teaching and learning in the tertiary context

P: Subject to approval of the Head of Department.

HEDN604-13A (C) Starts Any time

HEDN 790 Higher Education PhD

1.0000 EFTS

P: Subject to approval of the Head of Department.

HEDN790-13A (C) Starts Any time

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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

History

School of Humanities

HIST 127 American History

15 Points 0.1250 EFTS

The history of British America and the US from 1492 to the present.

R: HIST 119, HIST 120, AMST 127

EQ: AMST 127

HIST127-13S2 (C) Semester 2

HIST127-13S2 (D) Semester 2

HIST 128 New Zealand History in Global Perspective

15 Points 0.1250 EFTS

Drawing on the latest scholarship, this course offers a broad overview of New Zealand history from first Polynesian settlement until the present. People occupied New Zealand late by world standards, and we ask why this is significant. The course examines this small country in its global and regional context, as a settler state and society within the British world, immersed in the Pacific and art of Australasia. It considers different Pakeha and Māori perspectives and worlds of thought and the effects of global shifts, from the British Empire's decline to links with America, the Pacific Rim and Asia.

R: HIST 108, HIST 109, HIST 124

HIST128-13S1 (C) Semester 1

HIST 133 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: HIST 125, HIST 130

HIST133-13S1 (C) Semester 1

HIST 136 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: HIST 123

HIST136-1352 (C) Semester 2

HIST 137 Modern World History

15 Points 0.1250 EFTS

This course will explore some of the major ideas and events that have shaped world history since 1945. This was the era of the Iron Curtain and the Cold War, the Cuban Missile Crisis and the Arab-Israeli Wars. Among the topics to be covered are emergence of military dictatorships following decolonisation, the Kashmir crisis, Asian independence, communism in Cuba, Middle East oil, the collapse of the USSR, democracy movements and the growth of capitalism in China, Islamic militancy and America's current 'war on terror'.

HIST137-1351 (C) Semester 1

HIST 138 Russia under the Tsars: the Autocratic Tradition (15th Century to 1917)

15 Points 0.1250 EFTS

The course provides an introduction to Russian history from medieval times to the Revolution, with particular emphasis on the Russian autocratic tradition from Ivan the Terrible to the last Romanovs. It examines how Russian tsars and emperors single-handedly ruled the country's vast Eurasian expanses, often bringing about enormous political and social transformations by decree.

R: RUSS 111

EQ: RUSS 111

HIST138-1352 (C) Semester 2

HIST 150 Special Topic: Christchurch Urban History

15 Points 0.1250 EFTS

Not offered in 2013

An applied introduction to Christchurch's urban past that recovers lost social, political, economic, environmental, and cultural landscapes.

HIST 239 War and Society in Europe, c. 1900-1919

15 Points 0.1250 EFTS

Focusing mainly on the First World War (1914-18), this course explores the relationship between war and society in Europe during the first twenty years of the twentieth century. The military history of the conflict is examined in some depth, but the course also investigates the political, diplomatic, social and cultural history of the First World War. Specific topics that are covered include the causes, military history and social history of the war, the politics and diplomacy

of the war and the Paris Peace Settlement, and the war's cultural impact.

P: Either 15 points in HIST at B grade or better or 30 points in HIST or Ancient History (CLAS 111, CLAS 112, CLAS 113) with a passing grade. Alternatively, a B average in 60 points.

R: HIST 301, HIST 302, HIST 305, HIST 339

HIST239-1351 (C) Semester 1

HIST 243 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: Either 15 points in HIST at B grade or better or 30 points in HIST or Ancient History (CLAS 111, CLAS 112) with a passing grade. Alternatively, a B average in 60 points.

R: HIST 352

HIST243-1351 (C) Semester 1

HIST 247 Emancipations: Power and Freedom in World History since 1750

15 Points 0.1250 EFTS

Not offered in 2013

This course begins with a world we have lost - a world that accepted slavery, the subordination of women, religious persecution, and the rule of kings. It then shows how that world was challenged and overthrown by the emancipation of slaves, the emancipation of women, the development of religious toleration, and the spread of democracy. It also covers the rise and fall of racist political regimes in the United States, Canada, Australia, and southern Africa.

P: Either 15 points in HIST at B grade or better or 30 points in HIST or Ancient History (CLAS 111, CLAS 112) with a passing grade. Alternatively, a B average in 60 points.

R: HIST 371

HIST 249 India: Harappa to Taj Mahal

15 Points 0.1250 EFTS

Not offered in 2013

A social, cultural and political History of India from pre-history to the decline of the Mughal empire.

P: Either 18 points in HIST at B grade or better or 36 points in HIST or Ancient History (CLAS 111, CLAS 112, CLAS 113) with a passing grade. Alternatively, a B average in 72 points in appropriate courses with the approval of Head of Department.

R: HIST 232, HIST 240, HIST 241, SAST 201

EQ: SAST 201

HIST 253 Renaissance and Reformation Europe

15 Points

0.1250 EFTS

A thematic study of two major transformations in European History between c.1350 and c.1620.

P: Either 15 points in HIST at B grade or better or 30 points in HIST or Ancient History (CLAS 111, CLAS 112, CLAS 113) with a passing grade. Alternatively, a B average in 60 points.

R: HIST 373

HIST253-1352 (C)**Semester 2****HIST 254 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: Either 15 points in HIST at B grade or better or 30 points in HIST or Ancient History (CLAS 111, CLAS 112, CLAS 113) with a passing grade. Alternatively, a B average in 60 points.

R: HIST 376

HIST254-1351 (C)**Semester 1****HIST 255 Heroines in History**

15 Points

0.1250 EFTS

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: Either 15 points in HIST at B grade or better or 30 points in HIST or Ancient History (CLAS 111, CLAS 112) with a passing grade. Alternatively, a B average in 60 points.

R: HIST 361, GEND 215

EQ: GEND 215

HIST255-1352 (C)**Semester 2****HIST 257 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: Either 15 points in HIST at B grade or better or 30 points in HIST or Ancient History (CLAS 111 and CLAS 112) with a passing grade. Alternatively, a B average in 60 points of coursework.

R: HIST 377

HIST257-1351 (C)**Semester 1****HIST 258 Revisiting Empire**

15 Points

0.1250 EFTS

From colonisation to the end of empire, this course provides a critical understanding of the importance of imperialism in making the modern world. You will be introduced to the major debates in British World scholarship. Uncovering legacies of empire in the former Dominions (Canada, Australia, New Zealand and South Africa), topics include empire and memory; food, consumption and consumerism; economy and globalization; female imperialism; war and patriotism; and settler/indigenous contact zones.

P: Either 15 points in HIST at B grade or better or 30 points in HIST or Ancient History (CLAS 111, CLAS 112, CLAS 113) with a passing grade. Alternatively, a B average in 60 points in appropriate courses with the approval of Head of Department.

R: HIST 378

EQ: HIST 378

HIST258-1352 (C)**Semester 2****HIST 259 Te Ao Tawhito: The Ancient Māori World**

15 Points

0.1250 EFTS

Ancient Māori history and culture, including: Origins of the Māori, Archaeology of the Pacific and Aotearoa. Oral Traditions - deconstructing Percy Smith and the Fleet. Social life, courtship, marriage, birth and death practices; sexuality, nudity, sexual symbolism in culture, tradition and song; work, play and sports. Conservation: natural lore of land, ocean, flora, fauna, taniwha and supernatural beings, kaitiakitanga and resource management. Economy: kumara, fernroot, fishing, hunting, fowling, feasting and exchange. First encounters with Pakeha. Students will have the opportunity to research a topic of their choice.

P: Any 15 points in 100-level course in Aotahi: School of Māori and Indigenous Studies or 30 points in 100-level courses in Arts, Education, Fine Arts, Music and Social Work, or by permission of the Head of School.

R: MAOR 214

EQ: MAOR 214

HIST259-1352 (C)**Semester 2****HIST 262 Māori and Indigenous Development**

15 Points

0.1250 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 15 points in 100-level course in Aotahi: School of Māori and Indigenous Studies or 30 points in 100-level courses in Arts, Education, Fine Arts, Music and Social Work, or by permission of the Head of School.

R: MAOR 212, HIST 379

EQ: MAOR 212

HIST262-1352 (C)**Semester 2**

HIST 265 Medieval Crusades and Crusaders

15 Points 0.1250 EFTS

Not offered in 2013

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: Either 15 points in HIST at B grade or better or 30 points in HIST or Ancient History (CLAS 111, CLAS 112) with a passing grade. Alternatively, a B average in 60 points in appropriate courses with the approval of Head of Department.

R: HIST 340 and this option at HIST 250, HIST 251, HIST 350, HIST 351, HIST 387

HIST 266 The Pacific Islands: European and Polynesian Visions

15 Points 0.1250 EFTS

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: Either 15 points in HIST at B grade or better or 30 points in HIST or Ancient History (CLAS 111, CLAS 112, CLAS 113) with a passing grade. Alternatively, a B average in 60 points in appropriate courses with the approval of the Programme Coordinator.

R: ANTH 215, ANTH 315, HIST 392, PACS 202, PACS 302

EQ: ANTH 215, PACS 202

HIST266-12SU2 (C) Summer (Nov 12)

HIST266-13S2 (C) Semester 2

HIST 268 Te Tiriti: The Treaty of Waitangi

15 Points 0.1250 EFTS

A multi-disciplinary approach to the Treaty including: origins of British policy, did the Treaty cede sovereignty in 1840, alienation of land, marginalisation of Māori society, radical protest, Waitangi Tribunal, Office of Treaty Settlements; UN policy on the settlement of indigenous claims, comparative histories in Africa, Australia, Canada and the United States; Sealords, Tainui, Ngai Tahu and other settlements; Principles of the Treaty in education, health, television and public policy; current issues, foreshore and seabed, resources, airwaves, waterways, Māori seats, race relations, one law for all.

P: Any 15 points in 100-level course in Aotahi: School of Māori and Indigenous Studies or or 30 points in 100-level courses in Arts, Education, Fine Arts, Music and Social Work, or by permission of the Head of School.

R: MAOR 219, POLS 218, POLS 258, SOCI 209, HSRV 207

EQ: MAOR 219, POLS 258, SOCI 209, HSRV 207

HIST268-13S1 (C) Semester 1

HIST 269 The Rise and Fall of Soviet Domination in Eastern Europe 1944-1991

15 Points 0.1250 EFTS

The fall of the Berlin Wall in 1989 represents a symbolic moment of the end of the Cold War and of a political and economic order that politically and ideologically divided Europe and the whole world for almost half a century. This course is designed to provide a broad background to an

understanding of the political, social-economic, and cultural development in Eastern Europe.

P: Either 15 points in HIST at B grade or better or 30 points in HIST or Ancient History (CLAS 111 and CLAS 112 with a passing grade. Alternatively, a B average in 60 points of coursework.

R: EURO 226, EURO 222, HIST 264 (prior to 2006), INCO 225, HIST 386

HIST269-13S2 (C) Semester 2

HIST 270 Anzac Neighbours: Australia and New Zealand

15 Points 0.1250 EFTS

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: Either 15 points in HIST with a B grade or better, or 30 points in HIST or Ancient History (CLAS 111, CLAS 112) with a passing grade. Alternatively, a B average in 60 points.

R: HIST 334

HIST270-13S2 (C) Semester 2

HIST 274 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. 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.

P: Either 15 points in HIST at B grade or better or 30 points in HIST or Ancient History (CLAS 111, CLAS 112, CLAS 113) with a passing grade. Alternatively, a B average in 60 points in appropriate courses with the approval of the Programme Coordinator.

R: RUSS 218

EQ: RUSS 218

HIST274-13S1 (C) Semester 1

HIST 275 The Muslim World, 600-1650

15 Points 0.1250 EFTS

Not offered in 2013

A social, cultural and political history of the Islamic world between 600 and 1650.

P: Either 15 points in HIST with a B grade or better, or 30 points in HIST or Ancient History (CLAS 111, CLAS 112) with a passing grade. Alternatively, a B average in 60 points.

R: HIST 375

HIST 276 Myth and History

15 Points

0.1250 EFTS

Not offered in 2013

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: Either 15 points in HIST with a B grade or better, or 30 points in HIST or Ancient History (CLAS 111, CLAS 112) with a passing grade. Alternatively, a B average in 60 points.
R: HIST 353, MAOR 329

HIST 278 America: Cold War to Gulf War

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: Either 15 points in HIST with a B grade or better, or 30 points in HIST or Ancient History (CLAS 111, CLAS 112, CLAS 113) with a passing grade. Alternatively, a B average in 60 points.
R: HIST 364

HIST278-13S2 (C)**Semester 2****HIST 279 Social and Cultural History of India**

15 Points

0.1250 EFTS

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 networks throughout Indian history. The course investigates religion, gender and the state of contexts for regulation of and resistance to cultural and political authority at different times in Indian history.

P: Either 15 points in HIST with a B grade or better, or 30 points in HIST or Ancient History (CLAS 111, CLAS 112) with a passing grade. Alternatively, a B average in 60 points of coursework.

R: HIST 367, SAST 302

EQ: SAST 202

HIST279-13S1 (C)**Semester 1****HIST 281 Resistance and Collaboration in Nazi Europe**

15 Points

0.1250 EFTS

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: Either 15 points in HIST with a B grade or better, or 30 points in HIST or Ancient History (CLAS 111, CLAS 112) with a passing grade. Alternatively, a B average in 60 points.
R: HIST 369, HIST 239 before 2011.

HIST281-13S2 (C)**Semester 2****HIST 283 Ethnicity and History**

15 Points

0.1250 EFTS

This course provides a critical introduction to the historical and anthropological study of ethnicity, race and migration, with a particular emphasis on New Zealand.

P: Either 15 points in HIST with a B grade or better, or 30 points in HIST or Ancient History (CLAS 111, CLAS 112) with a passing grade. Alternatively, a B average in 60 points.

R: ANTH 223, MAOR 230, PACS 204, SOCI 223, SOCI 323

EQ: ANTH 223, MAOR 230, PACS 204, SOCI 223

HIST283-13S2 (C)**Semester 2****HIST 288 Exploring the Past**

15 Points

0.1250 EFTS

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

P: Either 15 points in HIST with a B grade or better, or 30 points in HIST or Ancient History (CLAS 111, CLAS 112) with a passing grade. Alternatively, a B average in 60 points in appropriate courses with the approval of the Head of School.
R: ANTH 238, SOCI 238, SOCI 338

EQ: ANTH 238, SOCI 238

HIST288-13S1 (C)**Semester 1****HIST 291 Chinese Society and Culture since 1949**

15 Points

0.1250 EFTS

Not offered in 2013

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: Either 15 points in HIST with a B grade or better or 30 points in HIST or Ancient History (CLAS 111, CLAS 112, CLAS 113) with a passing grade. Alternatively, a B average in 60 points in appropriate courses with the approval of the Programme Coordinator.

R: CHIN 208, CHIN 303, HIST 391

EQ: CHIN 208

HIST 292 Oral Traditions and Modern Histories of Ngai Tahu

15 Points

0.1250 EFTS

Not offered in 2013

The story of Ngai 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 Ngai 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 Ngai 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 Ngai Tahu and the Crown negotiated on the largest Treaty settlement packages in the nation's history.

P: Any 15 points in Māori and Indigenous Studies or their double-coded equivalents or any 15 points in HIST or Ancient History or POLS or RELS or SOCI. Students without these prerequisites but with 60 points in appropriate courses may enter the course with the approval of the Head of Department.

R: MAOR 285

EQ: MAOR 285

HIST 293 Europe of the Dictators, 1918-1953

15 Points 0.1250 EFTS

This course examines and compares the authoritarian, communist and fascist dictatorships that emerged in Europe after the First World War. While the histories of the totalitarian regimes that developed in Germany, Russia and Italy are considered in detail, the course also offers insight into the authoritarian dictatorships that flourished in Spain, Portugal, Central and Eastern Europe. Beyond tracing the political impact of these dictatorships, the course will also consider the social, cultural and humanitarian consequences of the age of the dictators.

P: 15 points in HIST with a B grade or better or 30 points HIST or Ancient History with a passing grade. Alternatively, a B grade in 60 points.

HIST293-1351 (C) Semester 1

HIST 294 Recovering Christchurch 1850-2010

15 Points 0.1250 EFTS

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: Either 15 points in HIST at B grade or better or 30 points in HIST or Ancient History (CLAS 111, CLAS 112) with a passing grade. Alternatively, a B average in 60 points

R: HIST 394

HIST294-12SU2 (C) Summer (Nov 12)

HIST 295 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: 15 points in HIST with a B grade or better or 30 points HIST or Ancient History with a passing grade. Alternatively, a B grade in 60 points.

R: HIST 395

HIST295-1352 (C) Semester 2

HIST 334 Anzac Neighbours: Australia and New Zealand

30 Points 0.2500 EFTS

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: 30 points at 200-level HIST, or 200-level Ancient History or 200-level MAOR.

R: HIST 270

HIST334-1352 (C) Semester 2

HIST 339 War and Society in Europe, 1900-1919

30 Points 0.2500 EFTS

Focusing mainly on the First World War (1914-18), this course explores the relationship between war and society in Europe during the first twenty years of the twentieth century. The military history of the conflict is examined in some depth, but the course also investigates the political, diplomatic, social and cultural history of the First World War. Specific topics that are covered include the causes, military history and social history of the war, the politics and diplomacy of the war and the Paris Peace Settlement, and the war's cultural impact.

P: 30 points at 200-level HIST, or 200-level Ancient History or 200-level MAOR.

R: HIST 239, HIST 301, HIST 302, HIST 305.

HIST339-1351 (C) Semester 1

HIST 353 Myth and History

30 Points 0.2500 EFTS

Not offered in 2013

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: 30 points from HIST at 200-level, CLAS 214, CLAS 215, CLAS 216, CLAS 217, MAOR 214, MAOR 218, and MAOR 219
R: HIST 276, MAOR 329
EQ: MAOR 329

HIST 364 America: Cold War to Gulf War

30 Points 0.2500 EFTS

An overview of American diplomacy, politics and culture during the Cold War.

P: 30 points at 200-level HIST, or 200-level Ancient History or 200-level MAOR.

R: HIST 381 (1999 only), HIST 278

HIST364-13S2 (C) Semester 2

HIST 366 Takahi: Colonisation

30 Points 0.2500 EFTS

This course focuses on understanding colonisation and its impact on Māori and other indigenous societies. Topics include: initial contact; disease; missionaries, God vs Gods; "guns and sex", musket wars vs traditional taua, wars with indigenous peoples; sovereignty, settler governments vs Kingitanga and Kotahitanga; changes in education, economics and social life; leaders, rebels, fugitives, prophets, pacifists and kupapa; assimilation and institutionalisation; resistance and political movements; dependence and welfare; the psychological and emotional violence of colonialism and dispossession. Comparative histories North America, Trail of Tears, Wounded Knee; Australia, Stolen Generations, Deaths in Custody.

P: Any 15 points in Māori and Indigenous Studies or their double-coded equivalents or 30 points at 200-level in HIST or Ancient History (CLAS 214, CLAS 215, CLAS 216, CLAS 217) or ANTH or RELS. Students without these prerequisites but with 75 points in appropriate courses may enter the course with the approval of the Head of Department.

R: MAOR 317, RELS 322, CULT 302

EQ: CULT 302, MAOR 317, RELS 322

HIST366-13S2 (C) Semester 2

HIST 367 Social and Cultural History of India

30 Points 0.2500 EFTS

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: 30 points at 200-level HIST, or 200-level Ancient History or 200-level MAOR.

R: This option at HIST 441, HIST 279, SAST 202, SAST 302

EQ: SAST 302

HIST367-13S1 (C) Semester 1

HIST 370 Empire and War: Japan 1853-1952

30 Points 0.2500 EFTS

In a field often characterised by controversy and misunderstanding, the course aims to provide accurate,

balanced, and detailed knowledge of Japanese imperialism and militarism, culminating in the Pacific War of 1941-45 and its after effects. Views will be presented from multiple perspectives, little-known facts will be brought to light, and context - including the effect on Japan of Western neo-imperialism in the latter half of the nineteenth century - will be emphasised.

P: 15 points of HIST or JAPA (non-language courses) at 200-level with a B pass; or 30 points of HIST or JAPA (non-language courses) at 200-level; or any 60 points from the Arts Schedule at 200-level.

EQ: JAPA 312

HIST370-13S2 (C) Semester 2

HIST 373 Renaissance and Reformation Europe

30 Points 0.2500 EFTS

A thematic study of two major transformations in European History between c.1350 and c.1600.

P: 30 points at 200-level HIST, or 200-level Ancient History or 200-level MAOR.

R: HIST 253

HIST373-13S2 (C) Semester 2

HIST 375 The Muslim World, 600-1650

30 Points 0.2500 EFTS

Not offered in 2013

A social, cultural and political history of the Islamic world between 600 and 1650.

P: 30 points at 200-level HIST, or 200-level Ancient History or 200-level MAOR.

R: HIST 275

HIST 376 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: 30 points at 200-level HIST, or 200-level Ancient History or 200-level MAOR.

R: HIST 254

HIST376-13S1 (C) Semester 1

HIST 377 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: 30 points at 200-level HIST, or 200-level Ancient History or 200-level MAOR.

R: HIST 257

HIST377-13S1 (C) Semester 1

HIST 378 Revisiting Empire

30 Points 0.2500 EFTS

From colonisation to the end of empire, this course provides a critical understanding of the importance of imperialism in making the modern world. You will be introduced to the major debates in British World scholarship. Uncovering legacies of empire in the former Dominions (Canada, Australia, New Zealand and South Africa), topics include empire and memory; food, consumption and consumerism; economy and globalization; female imperialism; war and patriotism; and settler/indigenous contact zones.

P: 30 points at 200-level HIST, or 200-level Ancient History or 200-level MAOR.

R: HIST 258

HIST378-13S2 (C) Semester 2

HIST 379 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: 30 points at 200-level HIST, or 200-level Ancient History or 200-level MAOR.

R: HIST 262, MAOR 212

HIST379-13S2 (C) Semester 2

HIST 380 The Search for Meaning: Great Ideas of the Western Tradition

30 Points 0.2500 EFTS

Not offered in 2013

This course is a contribution to the study of intellectual history. It seeks to periodize the past in terms, at least in part, of the relevant ideas and how those ideas were created by individuals and institutions. Each year this historical examination relies heavily on a different theme in the history of ideas.

P: 30 points at 200-level HIST, or 200-level Ancient History or 200-level MAOR.

R: HIST 280

HIST 382 Britain in the 'Swinging Sixties'

30 Points 0.2500 EFTS

Not offered in 2013

An historical investigation of British society and social change in the 1960s, looking at British politics, the rise of new social movements, the reform of laws on homosexuality and abortion, changes in popular culture (film, music, literature), class conflict and the emergence of conflict in the north of Ireland.

P: 30 points at 200-level HIST, or 200-level Ancient History or 200-level MAOR.

R: HIST 271

HIST 387 Medieval Crusades and Crusaders

30 Points 0.2500 EFTS

Not offered in 2013

A study of a key episode in world history. What motivates Christian Europeans to liberate the Holy Land, what did the

Crusades achieve, and how were relations between Europe and Islam affected?

P: 30 points at 200-level HIST, or 200-level Ancient History or 200-level MAOR.

R: HIST 340 and this option at HIST 250, HIST 251, HIST 350, HIST 351, HIST 265

HIST 391 Chinese Society and Culture since 1949

30 Points 0.2500 EFTS

Not offered in 2013

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: 30 points at 200-level HIST, or 200-level Ancient History or 200-level MAOR.

R: CHIN 208, CHIN 303, HIST 291

EQ: CHIN 303

HIST 392 The Pacific Islands: European and Polynesian Visions

30 Points 0.2500 EFTS

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: 30 points in HIST at 200-level, or 200-level Ancient History or 200-level Māori and Indigenous Studies

R: ANTH 215, ANTH 315, HIST 266, PACS 202, PACS 302

EQ: ANTH 315, PACS 302

HIST392-12SU2 (C) Summer (Nov 12)

HIST392-13S2 (C) Semester 2

HIST 394 Recovering Christchurch 1850-2010

30 Points 0.2500 EFTS

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: 30 points at 200-level HIST, or 200-level Ancient History or 200-level MAOR.

R: HIST 294

HIST394-12SU2 (C) Summer (Nov 12)

HIST 395 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: 30 points in History, Ancient History or Māori at 200-level with a passing grade.

R: HIST 295

HIST395-13S2 (C) Semester 2

ARTS 395 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: Special application and interview, with permission of Internship Director.

RP: Students should attend UC Careers CV writing and Interview skills workshops prior to submitting internship application.

ARTS395-13S1 (C) Semester 1

ARTS395-13A (C) Starts Any time

ARTS395-13S2 (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 www.arts.canterbury.ac.nz/internship 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.

HIST 423 Special Topic in American History

0.2500 EFTS

This course will offer students an imaginative tour through the history of American culture, along with an examination of some of the major debates in which historians of the United States have engaged. The emphasis will be on primary sources, including major works of history, politics, and literature.

P: Subject to approval of the Head of School.

HIST423-13W (C) Whole Year (S1 and S2)

HIST 429 Social History of Medicine

0.2500 EFTS

Not offered in 2013

An introduction to the flourishing sub-disciplines of social history of medicine and health history.

P: Subject to approval of the Head of School.

HIST 436 Public and Applied History

0.2500 EFTS

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 School.

HIST436-13W (C) Whole Year (S1 and S2)

HIST 440 Constructing Feminist History

0.2500 EFTS

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 School.

R: CULT 404, GEND 412

EQ: CULT 404, GEND 412

HIST440-13W (C) Whole Year (S1 and S2)

HIST 443 Issues in New Zealand History

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 School.

R: DIPL 429

EQ: DIPL 429

HIST443-13W (C) Whole Year (S1 and S2)

HIST 449 Issues in Modern European History

0.2500 EFTS

This course focuses on some of the most important and controversial debates in the historiography of twentieth-century 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. Students will cover five debates in all: four core debates (The Origins of World War I; The Paris Peace Conference; The Origins of World War II in Europe; The Holocaust) as well as one optional debate, chosen by the students themselves.

P: Subject to approval of Head of School.

R: HIST 438, HIST 448, EURO 448, DIPL 418, DIPL 423, DIPL 428

EQ: DIPL 428, EURO 448

HIST449-13W (C) Whole Year (S1 and S2)

HIST 450 History as a Discipline 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 Head of School.

R: HAPS 403

EQ: HAPS 403

HIST450-13W (C) Whole Year (S1 and S2)

HIST 480 Research Paper 0.2500 EFTS

P: Subject to approval of Head of School.

HIST480-13W (C) Whole Year (S1 and S2)

HIST 481 Research Paper 0.2500 EFTS

Not offered in 2013

P: Subject to approval of Head of School.

HIST 690 MA Thesis 1.0000 EFTS

P: Subject to approval of Head of School.

HIST690-13A (C) Starts Any time

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

HIST 790 History PhD 1.0000 EFTS

P: Subject to approval of Head of School.

HIST790-13A (C) Starts Any time

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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

History and Philosophy of Science

School of Humanities

HAPS 110 Science: Good, Bad, and Bogus 15 Points 0.1250 EFTS

Not offered in 2013

An introduction to the structure of scientific thought both through an historical/analytical survey and by contrasting science with varieties of pseudoscientific and irrational ways of thinking.

R: PHIL 110

EQ: PHIL 110

HAPS 210 History of Science 15 Points 0.1250 EFTS

Not offered in 2013

An introduction to history of science, sampling, as well as various historiographical themes, various times and places across five millennia and several continents, wherein and whereat there were various pursuits, by various people, of knowledge, variously conceived, of various facets of the natural world.

P: 15 points in HAPS, HIST or PHIL, or 30 points in any subject/s

R: PHIL 237, PHIL 257, HAPS 101, HAPS 201, HAPS 202, HAPS 302.

HAPS 310 Philosophy of Science 15 Points 0.1250 EFTS

Not offered in 2013

A progression of introductory, intermediate and advanced topics in philosophy of science.

P: HAPS 210 or 30 points above 100-level in PHIL or 135 points in any subject/s and the approval of a HAPS Coordinator.

R: PHIL 237, PHIL 257, HAPS 101, HAPS 201, HAPS 202, HAPS 302.

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.

HAPS 401 Philosophy of Science 0.1250 EFTS

Not offered in 2013

Selected core introductory, intermediate and advanced topics in philosophy of science.

P: Subject to approval by a HAPS Programme Coordinator and the relevant Head of Department or School.

R: PHIL 456

RP: Accessible by knight's move from most humanities, natural or social science, engineering or medicine backgrounds.

EQ: PHIL 456

HAPS 402 History of Science 0.1250 EFTS

Not offered in 2013

Selected core introductory, intermediate and advanced topics in and about history of science.

P: Subject to approval by a HAPS Programme Coordinator and the relevant Head of Department or School.

RP: Accessible by knight's move from most humanities, natural or social science, engineering or medicine backgrounds.

HAPS 403 History as a Discipline 0.2500 EFTS

Not offered in 2013

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 by a HAPS Programme Coordinator and the relevant Head of Department or School.

R: HIST 450

EQ: HIST 450

HAPS 404 Social History of Medicine
0.2500 EFTS

Not offered in 2013

P: Subject to approval by a HAPS Programme Coordinator and the relevant Head of Department or School.

HAPS 405 Mathematics in Perspective
0.1430 EFTS

Not offered in 2013

Mathematics in ancient times. The birth of calculus and analytic geometry. Euclidean and other geometries. Foundation issues in the twentieth century.

P: Subject to approval by a HAPS Programme Coordinator and the relevant Head of Department or School.

HAPS 406 History of Mathematics
0.1430 EFTS

Not offered in 2013

P: Subject to approval by a HAPS Programme Coordinator and the relevant Head of Department or School.

HAPS 407 History of Philosophy
0.2500 EFTS

Not offered in 2013

P: Subject to approval by a HAPS Programme Coordinator and the relevant Head of Department or School.

HAPS 408 Epistemology
0.2500 EFTS

Not offered in 2013

P: Subject to approval by a HAPS Programme Coordinator and the relevant Head of Department or School.

HAPS 409 Philosophy of Science 2
0.2500 EFTS

Not offered in 2013

P: Subject to approval by a HAPS Programme Coordinator and the relevant Head of Department or School.

HAPS 410 Philosophy of Mathematics
0.2500 EFTS

Not offered in 2013

P: Subject to approval by a HAPS Programme Coordinator and the relevant Head of Department or School.

HAPS 411 Philosophical Topics in Science
0.2500 EFTS

Not offered in 2013

P: Subject to approval by a HAPS Programme Coordinator and the relevant Head of Department or School.

HAPS 412 Science Technology and the Politics of Knowledge
0.2500 EFTS

Not offered in 2013

This course will look at a number of debates in the broad area of the Sociology of Science and Technology. Issues to be explored include risk society, actor network theory, biotechnology, evolutionary psychology, information society and social constructionist views of technology. The course will also explore a variety of critiques of the process of technoscientific knowledge creation.

P: Subject to approval by a HAPS Programme Coordinator and the relevant Head of Department or School.

R: SOCI 430

EQ: SOCI 430

HAPS 413 Social Impact Assessment
0.2500 EFTS

Not offered in 2013

This course is designed to provide students with the skills and knowledge necessary for an understanding of, and practice in, the field of social assessment, including the social impact of science and technology.

P: Subject to approval by a HAPS Programme Coordinator and the relevant Head of Department or School.

R: SOCI 418

EQ: SOCI 418

HAPS 416 The Nature of Psychological Inquiry
0.1250 EFTS

Not offered in 2013

This one-semester course is concerned with a variety of traditional and new research methods of importance to psychology. It places a heavy emphasis on developing a critical conceptual understanding of different types of research methods in their proper scientific context. Each research method will be treated in terms of its history, its underlying logic, its appropriate research goals, and the critical issues that arise from its use.

P: Subject to approval by a HAPS Programme Coordinator and the relevant Head of Department or School.

R: PSYC 461

EQ: PSYC 461

HAPS 418 History of Psychology
0.1250 EFTS

Not offered in 2013

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 approval by the HAPS Programme Coordinator and the relevant Head of School.

R: PSYC 472

EQ: PSYC 472

HAPS 480 Research Essay

0.2500 EFTS

Not offered in 2013

P: Subject to approval by a HAPS Programme Coordinator and the relevant Head of Department or School.

HAPS 690 MA Thesis

1.0000 EFTS

P: Subject to approval by a HAPS Programme Coordinator and the relevant Head of Department or School.

HAPS690-13A (C) Starts Any time

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

HAPS 695 MSc Thesis

1.0000 EFTS

P: Subject to approval by a HAPS Programme Coordinator and the relevant Head of Department or School.

HAPS695-13A (C) Starts Any time**HAPS 790 History and Philosophy of Science PhD**

1.0000 EFTS

P: Subject to approval by a HAPS Programme Coordinator and the relevant Head of Department or School.

HAPS790-13A (C) Starts Any time

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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Human Interface Technology

Human Interface Technology Laboratory

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.

HITD 601 Human Interface Technology

0.2500 EFTS

The Advanced Topics in Human Interface Technology course will cover the prototyping of user interface, their aesthetic design and the evaluation methods with users. The students will work in a multi-disciplinary environment. This twelve week course consists of lectures and short course project blocks.

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

HITD601-13S1 (C) Semester 1**HITD601-13S2 (C) Semester 2**

Limited entry. See limitation of entry regulations.

HITD 690 Thesis in Human Interface Technology

0.7500 EFTS

Thesis in Human Interface Technology.

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

HITD690-13A (C) Starts Any time**HITD690-13W (C) Whole Year (S1 and S2)**

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

HITD 790 Human Interface Technology PhD

1.0000 EFTS

HITD Human Interface Technology PHD.

P: Subject to approval by the Director of HIT Lab NZ.

HITD790-13A (C) Starts Any time

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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Human Services

School of Social and Political Sciences

HSRV 101 Introduction to Social Welfare Policy and Human Services

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 first part of the course addresses basic organising concepts of welfare, using historical and contemporary case studies. In the second part, 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: SOWK 101

EQ: SOWK 101

HSRV101-13S2 (C)**Semester 2****HSRV 102 Introduction to Human Services and Practice 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: SOWK 102

EQ: SOWK 102

HSRV102-13S1 (C)**Semester 1**

HSRV 103 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, criminal and forensic violence.

HSRV103-1352 (C)**Semester 2****HSRV 104 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.

HSRV104-1351 (C)**Semester 1****HSRV 201 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: 30 points from HSRV 101, HSRV 102, HSRV 103, HSRV 104, SOWK 101, SOWK 102 and SOWK 104. Students without this prerequisite but with at least 60 points in appropriate courses may enter the course with the permission of the Programme Coordinator.

R: SOWK 201

EQ: SOWK 201

HSRV201-1351 (C)**Semester 1****HSRV 202 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: 30 points from HSRV 101, HSRV 102, HSRV 103, HSRV 104, SOWK 101, SOWK 102 and SOWK 104. Students without this prerequisite but with at least 60 points in appropriate courses may enter the course with the permission of the Programme Coordinator.

R: SOWK 202

EQ: SOWK 202

HSRV202-1351 (C)**Semester 1****HSRV 203 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: 30 points from HSRV 101, HSRV 102, HSRV 103, HSRV 104, SOWK 101, SOWK 102 and SOWK 104. Students without this prerequisite but with at least 60 points in appropriate courses may enter the course with the permission of the Programme Coordinator.

R: SOWK 203

EQ: SOWK 203

HSRV203-1352 (C)**Semester 2****HSRV 204 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 human rights. Understanding how other societies, populations, groups and individuals organise their lives and give meaning to their existence enables us to develop theoretically informed tools for providing practical analysis and advice in the shaping/ construction of human services agencies and practice.

P: 30 points from HSRV 101, HSRV 102, HSRV 103, HSRV 104, SOWK 101, SOWK 102 and SOWK 104. Students without this prerequisite but with at least 60 points in appropriate courses may enter the course with the permission of the Programme Coordinator.

HSRV204-1352 (C)**Semester 2****HSRV 206 Child Protection Practice**

15 Points

0.1250 EFTS

The course will provide a broad overview of the three main phases of child welfare: the investigative phase; the solution-based phase; and, the statutory systems of care that are provided for children. Students will be introduced to research and literature pertaining to child

care and protection from an international and New Zealand perspective.

P: 30 points from HSRV 101, HSRV 102, HSRV 103, HSRV 104, SOWK 101, SOWK 102 and SOWK 104. Students without this prerequisite but with at least 60 points in appropriate courses may enter the course with the permission of the Programme Coordinator.

HSRV206-13S2 (C) Semester 2

HSRV 207 Te Tiriti: The Treaty of Waitangi

15 Points 0.1250 EFTS
A multi-disciplinary approach to the Treaty including: origins of British policy, did the Treaty cede sovereignty in 1840, alienation of land, marginalisation of Māori society, radical protest, Waitangi Tribunal, Office of Treaty Settlements; UN policy on the settlement of indigenous claims, comparative histories in Africa, Australia, Canada and the United States; Sealords, Tainui, Ngai Tahu and other settlements; Principles of the Treaty in education, health, television and public policy; current issues, foreshore and seabed, resources, airwaves, waterways, Māori seats, race relations, one law for all.

P: Any 15 points in 100-level course in Aotahi: School of Māori and Indigenous Studies or or 30 points in 100-level courses in Arts, Education, Fine Arts, Music and Social Work, or by permission of the Head of School.

R: MAOR 219, HIST 268, SOCI 209, POLS 218, POLS 258
EQ: MAOR 219, HIST 268, SOCI 209, POLS 258

HSRV207-13S1 (C) Semester 1

HSRV 208 Gender Sensitivity and the Human Services

15 Points 0.1250 EFTS
This course provides students with the opportunity to critically analyse how gender is assembled and performed. The course develops students' knowledge of theories, experiences and issues of gender as they apply to areas of human services work. Students are encouraged to think about diverse ways in which social structure mechanisms can: support and maintain notions of femininity and masculinity, affect the choices available to women and men, and shape ideas regarding individual and social well-being. Examples will be provided by field practitioners to facilitate the examination of the economic, psychological, and social risks faced by women and men as consumers and providers of human services, and analyse the ways in which human services define, validate, and promote human well-being.

P: 30 points from HSRV 101, HSRV 102, HSRV 103, HSRV 104, SOWK 101, SOWK 102 and SOWK 104. Students without this prerequisite but with at least 60 points in appropriate courses may enter the course with the permission of the Programme Coordinator.

HSRV208-13S2 (C) Semester 2

HSRV 210 Women Offending and Victimisation Perspectives

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 criminal offending, victimisation and societal responses. Field visits constitute part of the

familiarisation with key aspects of philosophical approaches in these settings. There is significant input from visiting practitioners in the respective criminal justice practice settings of police, courts, probation, prisons, victim support and associated social services.

P: 30 points from HSRV 101, HSRV 102, HSRV 103, HSRV 104, SOWK 101, SOWK 102 and SOWK 104. Students without this prerequisite but with at least 60 points in appropriate courses may enter the course with the permission of the Programme Coordinator.

R: HSRV 303
HSRV210-13S1 (C) Semester 1

HSRV 211 Community Development: Concepts, Practice and the Dynamics of Change

15 Points 0.1250 EFTS

Not offered in 2013

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: 30 points from HSRV 101, HSRV 102, HSRV 103, HSRV 104, SOWK 101, SOWK 102 and SOWK 104. Students without this prerequisite but with at least 60 points in appropriate courses may enter the course with the permission of the Programme Coordinator.

HSRV 301 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: Any 30 points of Human Services at 200-level including HSRV 204. Students without this prerequisite but with at least 60 points at 200-level or above in appropriate courses may enter the course with the permission of the Programme Coordinator.

HSRV301-13W (C) Whole Year (S1 and S2)

HSRV 302 Qualitative Social Research

15 Points 0.1250 EFTS

The development of a research culture in human services is an important challenge for educators, managers, practitioners and students. As the nature and scope of research activity and opportunity are diverse within the human services, this course aims to provide a basis from which students can begin to develop knowledge, skills and engage in critical analysis of qualitative research undertaken across a range of human services settings. By introducing a range of qualitative research methods and enabling students to experience manageable research assignments, students will become increasingly familiar with the business

of qualitative research and how it fits within theory/practice/research human services frameworks.

P: Any 30 points of Human Services at 200-level including HSRV 204. Students without this prerequisite but with at least 60 points at 200-level or above in appropriate courses may enter the course with the permission of the Programme Coordinator.

R: SOWK 310

EQ: SOWK 310

HSRV302-13S1 (C)

Semester 1

HSRV 303 Women Offending and Victimisation Perspectives

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 criminal offending, victimisation and societal responses. Field visits constitute part of the familiarisation with key aspects of philosophical approaches in these settings. There is significant input from visiting practitioners in the respective criminal justice practice settings of police, courts, probation, prisons, victim support and associated social services.

P: Any 30 points of Human Services at 200-level including HSRV 204. Students without this prerequisite but with at least 60 points at 200-level or above in appropriate courses may enter the course with the permission of the Programme Coordinator.

R: HSRV 210

EQ: HSRV 210

HSRV303-13S1 (C)

Semester 1

HSRV 304 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 30 points of Human Services at 200-level including HSRV 204. Students without this prerequisite but with at least 60 points at 200-level or above in appropriate courses may enter the course with the permission of the Programme Coordinator.

R: SOWK 304

EQ: SOWK 304

HSRV304-13S1 (C)

Semester 1

HSRV 305 Quantitative Research Methods for the Human Services

15 Points

0.1250 EFTS

The course provides an introduction to quantitative research activities in a variety of contexts and provides students with a comparative framework for understanding and evaluating quantitative research methods and outcomes. The course is designed to provide students with the skills necessary to undertake research projects in social service agencies, and in global contexts. In particular, students will explore survey research, experimental designs, single case designs, and

evaluation research approaches as quantitative research methods.

P: Any 30 points of Human Services at 200-level including HSRV 204. Students without this prerequisite but with at least 60 points at 200-level or above in appropriate courses may enter the course with the permission of the Programme Coordinator.

R: SOWK 305; SOWK 310

HSRV305-13S2 (C)

Semester 2

HSRV 306 Non-Governmental Organisations and Social Development

15 Points

0.1250 EFTS

Not offered in 2013

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 of Human Services at 200-level including HSRV 204. Students without this prerequisite but with at least 60 points at 200-level or above in appropriate courses may enter the course with the permission of the Head of School.

HSRV 307 Perspectives on Ageing in Human Systems

15 Points

0.1250 EFTS

Not offered in 2013

Trends and patterns of change related to ageing are examined from a global and national viewpoint. Basic issues incorporated into the course include those associated with attitudes to ageing, generational equity and a sustainable provision of welfare. Specific programmes and policies affecting older people are also explored.

P: Any 30 points of Human Services at 200-level including HSRV 204. Students without this prerequisite but with at least 60 points at 200-level or above in appropriate courses may enter the course with the permission of the Programme Coordinator.

HSRV 308 Gender Sensitivity and the Human Services

15 Points

0.1250 EFTS

This course provides students with the opportunity to critically analyse how gender is assembled and performed. The course develops students' knowledge of theories, experiences and issues of gender as they apply to areas of human services work. Students are encouraged to think about diverse ways in which social structure mechanisms can: support and maintain notions of femininity and masculinity, affect the choices available to women and men, and shape ideas regarding individual and social well-being. Examples will be provided by field practitioners to facilitate the examination of the economic, psychological, and social risks faced by women and men as consumers and providers of human services, and analyse the ways in which human services define, validate, and promote human well-being.

P: Any 30 points of Human Services at 200-level including HSRV 204. Students without this prerequisite but with at least 60 points at 200-level or above in appropriate courses

may enter the course with the permission of the Programme Coordinator.

R: HSRV 208

HSRV308-13S2 (C)

Semester 2

ARTS 395 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: Special application and interview, with permission of Internship Director.

RP: Students should attend UC Careers CV writing and Interview skills workshops prior to submitting internship application.

ARTS395-13S1 (C)

Semester 1

ARTS395-13A (C)

Starts Any time

ARTS395-13S2 (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 www.arts.canterbury.ac.nz/internship 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.

HSRV 401 Advanced Debates and Approaches in Human Services

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 School.

HSRV401-13W (C)

Whole Year (S1 and S2)

HSRV 402 Responding to Violence in Society

0.2500 EFTS

Not offered in 2013

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 School.

R: SOWK 629

HSRV 403 Disability: Politics and Practice

0.2500 EFTS

Not offered in 2013

This course provides students with the opportunity to examine paradigm shifts in the construction of disability. Historical and current human service responses to disability are explored. Issues incorporated into the course include those associated with attitudes to disability, identity and culture, family factors, assessment, care giving, sexuality, violence, equity and discrimination, contemporary policy development and disability services.

P: Subject to approval of the Head of School.

HSRV 407 The Policies and Politics of Sex

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 School.

HSRV407-13S2 (C)

Semester 2

HSRV 408 Culture, Context and Ageing

0.2500 EFTS

Not offered in 2013

The application of recent research and theories of ageing to human service practice are a focus of the course. National and international trends and patterns of change related to ageing are examined. Specific programmes and policies affecting older people are also explored. Issues incorporated into the course include those associated with attitudes to ageing, family factors, sexuality, disability, mental health, violence, elder abuse, generational equity and a sustainable provision of welfare.

P: Subject to approval of the Head of School.

R: SOWK 408

HSRV 410 Special Topic

0.2500 EFTS

Not offered in 2013

P: Subject to approval of the Head of School.

R: SOWK 410

EQ: SOWK 410

HSRV 411 Nga Take Māori: Māori Political Issues

0.2500 EFTS

A study and analysis of topical issues within Māori society that are of political and social importance. Includes a comparative study of other indigenous minorities.

P: Subject to approval of the Head of School.
R: MAOR 411, POLS 418

HSRV411-13W (C) Whole Year (S1 and S2)**HSRV 413 Topics in Ethnicity**

0.2500 EFTS

Not offered in 2013

This course will explore the fundamentally different inequalities associated with race, ethnicity and indigeneity in the white settler dominions of Aotearoa, Canada, Australia and the United States.

P: Subject to approval of the Head of School.
R: SOCI 413

HSRV 414 Pacific Identities and Human Service Practice

0.2500 EFTS

Not offered in 2013

This practice oriented course is concerned with the construction of Pacific identity (including gender, sexuality, ethnicity and nationality) and the impact of such identities on social life. It considers the role, over time, which cultural encounters between Pacific groups and other nations have in the construction of Pacific identities. The course examines the requirements for culturally responsive human services practice which arise from understandings. Topics covered include the migration experiences of Pacific peoples, populations demographics, tensions and opportunities that ensue from identifying as Pacific, and an examination of related policy and human service initiatives introduced to address the needs of Pacific peoples in Aotearoa/New Zealand context.

P: Subject to approval of the Head of School.

HSRV 415 Special Topic

0.2500 EFTS

Not offered in 2013

P: Subject to approval of the Head of School.

HSRV 417 Criminal Justice Perspectives and Practice

0.2500 EFTS

The course considers a range of explanatory theories emanating from a range of disciplines that contribute to current understandings of criminal offending, victimisation, and societal responses. Field visits constitute part of the familiarisation with key aspects of philosophical approaches in these settings. There is significant input from visiting practitioners in the respective criminal justice practice settings of police, courts, probation, prisons, victim support, and associated social services.

P: Subject to approval of the Head of School.

HSRV417-13S1 (C) Semester 1**HSRV 419 Public Policy and the Law**

0.2500 EFTS

In two parts, this course first examines policy theory and process within an Aotearoa New Zealand setting. Particular emphasis is given to the interrelationship of power dynamics, policy development and implementation, and strategies explored for effecting change in the human services. The second part of the course introduces legal principles and processes, including laws related to welfare and human service practice.

P: Subject to approval of the Head of School.
R: SOWK 627

HSRV419-13S1 (C) Semester 1**HSRV 421 Qualitative Evaluation Research for the Human Services**

0.2500 EFTS

Not offered in 2013

Using a service/programme evaluation framework, this course introduces a range of qualitative research methods emphasising both conceptual appreciation, and technical competence. Students will learn about programme evaluation, and the use of qualitative methods within this context.

P: Subject to approval of the Head of School.
R: SOWK 621

HSRV 422 Development and Postcolonialism

0.2500 EFTS

Not offered in 2013

Contemporary theoretical issues and debates of (post) modern and (post)colonial discourses in relation to the question of development are introduced. The aim of the course is to make the links visible between 'development' as a discursive cultural configuration and development as an object category of economic 'growth.'

P: Subject to approval of the Head of School.
R: GEND 408, SOCI 408

HSRV 423 Special Topic

0.2500 EFTS

Not offered in 2013

P: Subject to approval of the Head of School.

HSRV 424 Special Topic

0.2500 EFTS

Not offered in 2013

P: Subject to approval of the Head of School.

HSRV 425 Special Topic

0.2500 EFTS

Not offered in 2013

P: Subject to approval of the Head of School.

HSRV 480 Research Essay

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
HSRV480-13W (C) Whole Year (S1 and S2)

HSRV 690 MA Thesis

1.0000 EFTS

P: Subject to approval of the Head of School.

HSRV690-13A (C) Starts Any time

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

HSRV 790 Human Services PhD

1.0000 EFTS

P: Subject to approval of the Head of School.

HSRV790-13A (C) Starts Any time

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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Information Systems

Department of Accounting and Information Systems

INFO 123 Information Systems and Technology

15 Points 0.1250 EFTS

The overall aim of INFO123 is to introduce students to business information systems and technology and develop a working knowledge of computer systems, business applications and information technology needed by intelligent users and managers. This course will build a practical and theoretical foundation for future study and careers.

R: ACIS 123, AFIS 123, AFIS 124

INFO123-13S1 (C) Semester 1

INFO123-13S2 (C) Semester 2

INFO 125 Introduction to Programming with Databases

15 Points 0.1250 EFTS

Analysis of business environments to define user requirements; introduction to programming and database concepts; development of simple applications using VB.net and Microsoft Visual Studio.

R: ACIS 125, AFIS 125

INFO125-13S1 (C) Semester 1

INFO 203 Information Systems Analysis and Design

30 Points 0.2500 EFTS

Information systems planning, analysis, design and implementation; key modelling concepts applicable to both structured and object-oriented approaches; graphical methods for representing information structure, practical

design methodologies, database design and prototyping; communication skills, project management.

P: INFO 123 or ACIS 123 or AFIS 123 or AFIS 124 or AFIS 124 or AFIS 101, or 30 points in COSC.

R: ACIS 203, AFIS 203, AFIS 223

INFO203-13S2 (C) Semester 2

INFO 213 Object-Oriented Systems Development

15 Points 0.1250 EFTS

Object-oriented analysis, design and development. Includes a development project of the student's own choice. Prior programming experience not essential.

P: 30 points from (INFO 123, ACIS 123, AFIS 123, INFO 125, ACIS 125, COSC 121, COSC 122)

R: ACIS 213 and AFIS 213 after 1996.

INFO213-13S2 (C) Semester 2

INFO 233 Foundations of Electronic Commerce

30 Points 0.2500 EFTS

An introduction to the principles of electronic commerce and the development of commercial applications based on internet and World Wide Web technologies

P: 30 points from (INFO 123, ACIS 123, INFO 125, ACIS 125, COSC 121, COSC 122)

R: AFIS 233, ACIS 233

INFO233-13S1 (C) Semester 1

INFO 243 Accounting Information Systems

15 Points 0.1250 EFTS

Core business subsystems and processes that allow an organisation to operate effectively and efficiently; 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.

P: (1) One of ACCT 103, ACIS 103, AFIS 101, AFIS 103, AFIS 111, AFIS 121, AFIS 122, AFIS 131, AFIS 132; (2) INFO 123 or ACIS 123 or AFIS 123 or AFIS 124

R: ACIS 243, AFIS 243

INFO243-13S2 (C) Semester 2

INFO 303 Management of Information Systems and Technology

30 Points 0.2500 EFTS

This course studies the management of IS, through lectures, case studies and site visits. Topics include: IS planning, IS strategy, managing change, development and risks.

P: (1) One of INFO 203, ACIS 203, AFIS 203, ACIS 213, AFIS 213, ACIS 233 or AFIS 233; (2) 15 points from 200-level INFO, ACCT, ACIS, AFIS, MGMT, COSC or MSC1

R: ACIS 303, AFIS 303, AFIS 503

INFO303-13S1 (C) Semester 1

INFO 313 Information Systems Project Management

30 Points 0.2500 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) INFO 203 or ACIS 203 or AFIS 203 or ACIS 213 or AFIS 213 or ACIS 233 or AFIS 233; (2) 15 points from 200-level INFO, ACCT, ACIS, AFIS, MGMT, MSCI or COSC
R: ACIS 313, AFIS 313, AFIS 513, MSCI 322, MSCI 324, MGMT 372, MSCI 372

INFO313-13S2 (C) Semester 2

INFO 330 Special Topic: Applied Information Systems Project

30 Points 0.2500 EFTS

To complete a real-world information systems project in the form of an internship or a project for a client that enables the (further) development of knowledge and/or expertise in information systems related subjects; problem solving; reflection; synthesis; project management; risk management and communication skills.

P: Subject to approval of the Head of Department.

R: AFIS 330

INFO330-13S1 (C) Semester 1

INFO330-13S2 (C) Semester 2

INFO 333 E-Business: Design, Management and Security

15 Points 0.1250 EFTS

Management, analysis and application of secure e-Business systems including security policy and network management.

P: (1) INFO 233 or ACIS 233 or COSC 231 or COSC 264; (2) 15 points from (INFO 203, ACIS 203, INFO 213, ACIS 213, INFO 233; ACIS 233; COSC 224, COSC 225, COSC 226, COSC 227, COSC 231, COSC 261, COSC 262, COSC 263, COSC 264, COSC 265)

R: ACIS 333, ACIS 323, AFIS 323 and AFIS 523

INFO333-13S1 (C) Semester 1

INFO 360 Special Topic: Business Process Management

15 Points 0.1250 EFTS

Not offered in 2013

P: (1) One of INFO 203, ACIS 203, AFIS 203, ACIS 213, AFIS 213, ACIS 233 or AFIS 233; (2) 15 points from 200-level INFO, ACCT, ACIS, AFIS, MGMT, COSC or MSCI

INFO 361 Special Topic

15 Points 0.1250 EFTS

Not offered in 2013

P: Subject to Head of Department approval.

R: ACIS 361, AFIS 361

INFO 362 Special Topic

15 Points 0.1250 EFTS

Not offered in 2013

P: Subject to Head of Department approval.

R: ACIS 362, AFIS 362

INFO 363 Special Topic

15 Points

0.1250 EFTS

Not offered in 2013

P: Subject to Head of Department approval.

R: ACIS 363, AFIS 363

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.

INFO 614 Research Methodology and Epistemology

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: ACCT 614, ACIS 614, AFIS 614

INFO614-13S1 (C) Semester 1

INFO 620 Information Systems Management

0.1250 EFTS

The course examines current issues in information systems management, including IS success factors, IT project management, IT evaluation and acquisition of systems.

P: Subject to approval of the Head of Department.

R: ACIS 620, AFIS 620, AFIS 610

INFO620-13S2 (C) Semester 2

INFO 621 Special Topic

0.1250 EFTS

Not offered in 2013

P: Subject to approval of the Head of Department.

INFO 622 Special Topic

0.1250 EFTS

Not offered in 2013

P: Subject to approval of the Head of Department.

INFO 629 Special Topic: IS Case Study

0.1250 EFTS

Students undertake an organisation based project related to an important IS management decision. The project includes a literature review and the writing of a case study.

P: Subject to approval of the Head of Department

R: ACIS 629, AFIS 629

INFO629-13S2 (C) Semester 2

INFO 632 Cognitive Science and Artificial Intelligence

0.1250 EFTS

Not offered in 2013

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: ACIS 632, AFIS 632

INFO 633 Special Topic: Knowledge Management

0.1250 EFTS

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.
R: ACIS 633, AFIS 633

INFO633-13S1 (C) Semester 1**INFO 634 Special Topic**

0.1250 EFTS

Not offered in 2013

P: Subject to approval of the Head of Department.

INFO 635 Special Topic

0.1250 EFTS

Not offered in 2013

P: Subject to approval of the Head of Department.

INFO 680 Research Project

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 and information systems.

P: Subject to approval of the Head of Department.
R: ACCT 680, ACIS 680, AFIS 680

INFO680-13A (C) Starts Any time
INFO680-13W (C) Whole Year (S1 and S2)**INFO 690 MCom Thesis**

1.0000 EFTS

P: Subject to approval of the Head of Department.
R: ACIS 690, AFIS 690

INFO690-13A (C) Starts Any time
*Part-time enrolment (0.65 EFTS) is available on approval.***INFO 790 Information Systems PhD**

1.0000 EFTS

P: Subject to approval of the Head of Department.

R: ACIS 790, AFIS 790

INFO790-13A (C) Starts Any time

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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

International Law and Politics

School of Law courses

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.

ILAP 601 Principles of Public International Law

0.1500 EFTS

The principles of the laws of nations in peace, war and neutrality, and selected issues.

P: Subject to approval of the Programme Director.

R: DIPL 402, LAWS 324, LAWS 342, LAWS 375

ILAP601-13S1 (C) Semester 1**ILAP 602 The United Nations**

0.1500 EFTS

Not offered in 2013

P: Subject to approval of the Programme Director.

R: LAWS 343, DIPL 421

ILAP 603 International Humanitarian Law

0.1500 EFTS

Not offered in 2013

P: Subject to approval of the Programme Director.

ILAP 604 International Criminal Law

0.1500 EFTS

Not offered in 2013

P: Subject to approval of the Programme Director.

R: LAWS 321, DIPL 421

ILAP 607 Problems in International Law

0.1500 EFTS

Not offered in 2013

P: Subject to approval of the Programme Director.

R: LAWS 347, DIPL 402

ILAP 608 Law of International Trade

0.1500 EFTS

Not offered in 2013

P: Subject to approval of the Programme Director.

R: LAWS 338, DIPL 402

ILAP 609 International Human Rights Law
0.1500 EFTS

Not offered in 2013

P: Subject to approval of the Programme Director.
R: LAWS 322, DIPL 421

ILAP 610 Immigration and Refugee Law
0.1500 EFTS

Not offered in 2013

P: Subject to approval of the Programme Director.
R: LAWS 323, DIPL 421

ILAP 611 Antarctic Legal Studies
0.1500 EFTS

Not offered in 2013

P: Subject to approval of the Programme Director.
R: LAWS 336, LAWS 372

ILAP 612 International Environmental Law
0.1500 EFTS

Challenges and institutional responses to global environmental problems, including global warming.

P: Subject to the approval of the Programme Director
R: LAWS 327, LAWS 347 (2001-2004), DIPL 402, DIPL 421
ILAP612-13S1 (C) Semester 1

ILAP 613 Advanced Principles of Public International Law
0.1500 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.
ILAP613-13S1 (C) Semester 1

ILAP 625 Dissertation
0.4000 EFTS

P: Subject to approval of the Programme Director.

ILAP625-13FY (C) Full Year (February to February)
ILAP625-13CY (C) Cross Year

ILAP 626 International Institutions
0.1500 EFTS

Not offered in 2013

This course will explore the development of international institutions, both at a global level (with particular emphasis on the World Trade Organisation) and a Regional level (with specific reference to the European Union). It will examine their impact and operation and ask what their development means for the future of domestic and international public law in New Zealand and throughout the world.

P: Subject to the approval of the Programme Director.
R: LAWS 343

ILAP 627 European Public Law
0.1500 EFTS

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.
ILAP627-13S2 (C) Semester 2

ILAP 628 Special Topic
0.1500 EFTS

P: Subject to approval of the Programme Director.

ILAP628-13S1 (C) Semester 1
ILAP628-13S2 (C) Semester 2

ILAP 629 Special Topic
0.1500 EFTS

P: Subject to approval of the Programme Director.

ILAP629-13S1 (C) Semester 1
ILAP629-13S2 (C) Semester 2

ILAP 630 Law of the Sea
0.1500 EFTS

P: Subject to approval of the Programme Director.

R: LAWS 362 prior to 2010; LAWS 364
ILAP630-13S1 (C) Semester 1

ILAP 631 Special Topic: Transnational Criminal Law
0.1500 EFTS

Not offered in 2013

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: Subject to approval of the Programme Director.

School of Social and Political Sciences courses

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.

ILAP 650 Diplomacy and International Relations
0.1500 EFTS

International Politics with a focus on the theory and practice of diplomacy, covering the diplomatic system, the art

of negotiation, and the expanding modes of diplomatic interaction.

P: Subject to approval of the Programme Director.

R: DIPL 401

ILAP650-13S1 (C) Semester 1

ILAP 651 Intervention and International Relations

0.1500 EFTS

This course provides students with a deep historical and theoretical background for understanding the problems of contemporary humanitarian intervention. From early just war theories to the Responsibility to Protect, it illustrates the key points of continuity and change in debates over the legitimacy and legality of intervention in international relations.

P: Subject to approval of the Programme Director.

R: POLS 422, DIPL 425

ILAP651-13S1 (C) Semester 1

ILAP 652 Nationalism and Globalisation

0.1500 EFTS

In this course we explore the nature of nationalism, and some of the forces that create and perpetuate it. We seek to understand globalisation and its impact on politics. We then examine the interactions between globalisation and nationalism, and the way that interaction shapes identity.

P: Subject to approval of the Programme Director.

R: POLS 408, DIPL 420

ILAP652-13S2 (C) Semester 2

ILAP 653 New Zealand, Conflict and Pacific Politics

0.1500 EFTS

Not offered in 2013

P: Subject to approval of the Programme Director.

R: POLS 308

ILAP 654 International Politics: Conflict Management

0.1500 EFTS

Not offered in 2013

P: Subject to approval of the Programme Director.

R: POLS 310

ILAP 655 International Politics: Northeast Asia

0.1500 EFTS

P: Subject to approval of the Programme Director.

R: POLS 311

ILAP655-13S1 (C) Semester 1

ILAP 656 World Politics: Militaries and Societies

0.1500 EFTS

Not offered in 2013

This course is a study of civil-military relations in modern and post-modern militaries. Following an introduction to the main theories of civil-military relations, students will be able to shape an individual course of study by choosing

lectures from a variety of topics, including coups and crises in civil-military relations, military government, removing the military from politics, and issues confronting contemporary militaries such as peace-keeping, the return of the mercenary, and maintaining civilian control of increasingly complex military institutions.

P: Subject to approval of the Programme Director.

R: POLS 314, ILAP 688

ILAP 657 International Politics: Peace and Security in International Relations

0.1500 EFTS

P: Subject to approval of the Programme Director.

R: POLS 317

ILAP657-13S1 (C) Semester 1

ILAP 658 International Regimes for Health and Human Security

0.1500 EFTS

Not offered in 2013

This comparative policy course analyzes a range of biotechnologies via the lenses of global health, environmental sustainability and national/global security. Specific issues may include bioterrorism/bioweapons, human enhancement via technology, genetic engineering, nanotechnology and science diplomacy. We will discuss, through various national and regional examples including North America, Africa and the Asia-Pacific, how new scientific knowledge is applied, exploited, and controlled, and how its applications are shaped. Students will also be introduced to the theory and practice of public policy analysis in an international context. No scientific training is necessary to enrol in this course.

P: Subject to approval of the Programme Director.

R: POLS 416, DIPL 424

ILAP 659 International Conflict Resolution: The Theory and Practice of Mediation

0.1500 EFTS

Not offered in 2013

P: Subject to approval of the Programme Director.

R: POLS 414, DIPL 410

ILAP 660 International Political Economy

0.1500 EFTS

Not offered in 2013

P: Subject to approval of the Programme Director.

R: POLS 417

ILAP 661 International Organisations

0.1500 EFTS

Not offered in 2013

This course introduces Masters students to the evolution of UN activities in the realm of peace and security, assessing its successes and failures in arms control, non-proliferation and counter-terrorism.

P: Subject to approval of the Programme Director.

R: POLS 319

ILAP 662 The Politics of Human Rights in a Globalized World

0.1500 EFTS

Not offered in 2013

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. Topics include cultural relativism vs. universal norms, economic vs. political rights, and individual vs. group rights.

P: Subject to approval of the Programme Director.

R: POLS 405/420, DIPL 409/418

RP: Some international relations background would be helpful.

ILAP 663 Political Theory: Ethics and International Relations

0.1500 EFTS

This course examines justice and liberty in such a way as to include contemporary topics such as international resource distribution, just and unjust wars, and justice and indigenous people.

P: Subject to approval of the Head of School.

R: POLS 401, DIPL 427

ILAP663-13S2 (C) Semester 2

ILAP 671 Special Topic: Justice in The Nation-State: Rights, Equality and Substate National Claims

0.1500 EFTS

Not offered in 2013

The cosmopolitan liberal-egalitarian state, dreamt of by philosophers in the late twentieth century has been profoundly influential, creating an explosion of interest in the philosophy of concepts like rights, individual choice, duty, trust, legitimacy, and fairness. With the 'return of the state' in political science, and the emerging substate national and ethnic conflict across the world, it has become clear the liberal egalitarian theory helps us theorise too few of the political problems of the day, from the Rwandan tragedy, to the Yugoslav collapse, to indigenous claims.

This course charts the aspirations of contemporary political philosophy both to grapple with both the larger demands of ideal justice and the very real problems inside the state. It charts then, the seminal texts in the field of justice, the state, & substate national claims and so includes discussions of recent work on normative theories of liberalism, self-determination, freedom, territory, group rights, historic injustice & nationalism.

P: Subject to the approval of the Course Coordinator.

R: POLS 421, DIPL 441

EQ: POLS 421, DIPL 441

ILAP 673 Politics and Markets: Neo-liberalism and Globalisation

0.1500 EFTS

Not offered in 2013

This course explores the rise of 'global governance' and its relation to neoliberalism. 'Governance' asserts the possibility of governing without government—through, for example, markets, NGOs, or corporate self-regulation. We examine the role of non-state actors (such as NGOs,

corporations, expert committees) in global governance, as well as the way power operates in governance and whether this is different from government. We study a wide range of global governance activities, including those associated with consumer movements (such as 'ethical consumerism'), international aid NGOs, and international organisations such as the OECD, UN agencies, World Bank, IMF, and the International Standards Organisation.

P: Subject to approval of Programme Director.

R: POLS 403, DIPL 443

ILAP 674 Special Topic: Great Works in Political Science

0.1500 EFTS

This is a seminar on the great works in political science that have fundamentally changed the way we understand politics and society. In this course, students will engage with the basic ideas and concepts that have forged the study of contemporary study of politics.

P: Subject to the Head of Department.

ILAP674-13S2 (C) Semester 2

ILAP 680 Dissertation

0.4000 EFTS

P: Subject to approval of the Programme Director.

ILAP680-13A (C) Starts Any time

ILAP 681 Dissertation

0.4000 EFTS

Not offered in 2013

P: Subject to approval of the Programme Director.

ILAP 682 Special Topic: Chinese Foreign Policy

0.1500 EFTS

China is a rising power whose influence is being felt all over the world. New Zealand's greatest strategic challenge is adjusting to this shift in the balance of power. This course focuses on Chinese foreign policy and global interests; discussing them in the light of New Zealand interests.

P: Subject to approval of the Head of School.

R: POLS 411, and DIPL 431

ILAP682-13S2 (C) Semester 2

Japanese

*School of Languages, Cultures and Linguistics***JAPA 108 Introduction to Japanese Culture**

15 Points 0.1250 EFTS

A survey course which covers selected topics of Japan's society, geography, institutions and thought.

JAPA108-13S1 (C) Semester 1

JAPA 113 Introduction to Japanese Literature and Related Arts

15 Points

0.1250 EFTS

Not offered in 2013

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.

JAPA 115 Elementary Japanese I

45 Points

0.3750 EFTS

This course is designed for students with little or no previous knowledge of the Japanese language. At the end of the course, students should be able to understand and actively use basic modern Japanese grammar and vocabulary, and read and write the kana syllabaries, and approximately 150 characters.

R: JAPA 141, JAPA 142, JAPA 153, JAPA 116

RP: This course is designed for students with little or no previous knowledge of the Japanese language

JAPA115-13W (C) Whole Year (S1 and S2)

JAPA 116 Elementary Japanese II

30 Points

0.2500 EFTS

This course is designed for students with NCEA Level 2 Japanese language or equivalent. At the end of the course, students should be able to understand and actively use basic modern Japanese grammar and vocabulary, and read and write the kana syllabaries, and approximately 150 characters.

R: JAPA 142, JAPA 153, JAPA 115

JAPA116-13S2 (C) Semester 2

JAPA 153 Japanese Language 1

45 Points

0.3750 EFTS

This course builds upon Japa 142. By the end of it students will have acquired a knowledge of basic Japanese grammar and will also have learned a total of 380 kanji and approximately 2,000 words and phrases.

P: Japa 142, or Level 3 NCEA with 15 credits or above in Japanese, or equivalent. Direct entry without a formal prerequisite is through a placement test and approval of the Programme Director.

R: JAPA 151, JAPA 152, JAPA 105, JAPA 201

JAPA153-13W (C) Whole Year (S1 and S2)

JAPA 205 Japanese Language 2

45 Points

0.3750 EFTS

This course aims to bring the student to an advanced intermediate standard in Japanese. At the end of this course students should be able to read and write approximately 750 kanji.

P: JAPA 152 or JAPA 153 or equivalent. Direct entry without the prerequisite is through a placement test and approval of the Programme Coordinator.

JAPA205-13W (C) Whole Year (S1 and S2)

JAPA 207 Written Communication in Japanese

15 Points

0.1250 EFTS

Not offered in 2013

The aim of this course is to develop students' linguistic proficiency in written communication for practical purposes. Aspects studied include respect language, set phrases, formalities, and styles associated with various types of correspondence.

P: JAPA 105 or JAPA 152 or JAPA 153

C: JAPA 205

JAPA 208 Japanese Society

15 Points

0.1250 EFTS

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: JAPA 108 or JAPA 113 or 75 points in appropriate courses at 100-level with approval of the Programme Director.

JAPA208-13S1 (C) Semester 1

JAPA 210 Japanese Manga

15 Points

0.1250 EFTS

Not offered in 2013

This course will focus on aspects of Japanese manga, such as the definition, the history, and the genres of manga, popular works, influential cartoonists, and manga's impact on Japanese culture and society as well as on global culture and society. These topics together give a broad understanding of Japanese manga as well as Japanese culture in general.

P: JAPA 108 or JAPA 113 or CULT 110 or ARTH 210 or 75 points in appropriate courses at 100-level with the approval of the Programme Director.

JAPA 212 Literary and Cinematic Representations of Japanese Society and Culture

15 Points

0.1250 EFTS

Not offered in 2013

This course examines literature from the Meiji Restoration (1867) to the present day, and aims to provide some basic skills in reading Japanese novels and short stories as well as promoting an understanding of Japanese society and its people. Wherever possible, films based on the texts examined in the course will also be shown. No knowledge of Japanese language is required.

P: Any 75 points in Arts schedule

JAPA 305 Japanese Language 3

60 Points

0.5000 EFTS

This is a final year course for students majoring in Japanese. A wide variety of materials is used with the aim of further advancing students' reading and writing abilities in Japanese, as well as their aural/oral skills. Completion of this

course will bring the total of kanji studied to approximately 1,100.

P: JAPA 205. Direct entry without the prerequisite is through a placement test and approval by the Programme Director.

R: JAPA 311

JAPA305-13W (C) Whole Year (S1 and S2)

JAPA 307 Extension Japanese

30 Points

0.2500 EFTS

This course aims to extend students' understanding of Japanese language beyond that which is normally achieved by completing JAPA 305 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: JAPA 205

C: JAPA 305

R: JAPA 311

JAPA307-13S2 (C) Semester 2

JAPA 312 Empire and War: Japan 1853 - 1952

30 Points

0.2500 EFTS

In a field often characterised by controversy and misunderstanding, this course aims to provide accurate, balanced, and detailed knowledge of Japanese imperialism and militarism, culminating in the Pacific War of 1941-45 and its after effects. Views will be presented from multiple perspectives, little known facts will be revealed, and certain issues - including the effect on Japan of Western imperialism in the latter half of the nineteenth century - will be highlighted. No knowledge of Japanese language is required.

P: 15 points of HIST or JAPA (non-language courses) at 200-level with a B pass or above; or 30 points of HIST or JAPA (non-language courses) at 200-level; or any 60 points from the Arts Schedule at 200-level.

R: HIST 370

EQ: HIST 370

JAPA312-13S2 (C) Semester 2

JAPA 313 Professional Japanese

30 Points

0.2500 EFTS

Not offered in 2013

The course aims to improve the students' oral and written communication skills that are specific to professional contexts, especially business. Students will also gain knowledge about the culture of Japanese business and other professions, such as science, technology, engineering and law, which differs in many key respects from Western practices. Upon completion of the course, students will have the skills and the knowledge that allow them to communicate effectively with their Japanese peers and function more successfully in their professional relationships. Although the course contents cover specifically professional settings, knowledge and skills that are acquired in this course are applicable in many other formal settings and assist in understanding Japanese society as a whole.

P: JAPA 205

C: JAPA 305

ARTS 395 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: Special application and interview, with permission of Internship Director.

RP: Students should attend UC Careers CV writing and Interview skills workshops prior to submitting internship application.

ARTS395-13S1 (C)

Semester 1

ARTS395-13A (C)

Starts Any time

ARTS395-13S2 (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 www.arts.canterbury.ac.nz/internship 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.

JAPA 414 Advanced Japanese Language A

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, JAPA 305: Japanese Language 3. On successful completion of JAPA 414, the student should be able to read, comprehend, and summarise articles on various topics in standard modern Japanese.

P: JAPA 305 with at least a B pass, or CPIT course JAPN 704 with at least a B pass, or equivalent subject to approval of the Programme Director.

R: JAPA 407

JAPA414-13S1 (C)

Semester 1

JAPA 415 Advanced Japanese Language B

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, JAPA 414: Advanced Japanese Language A. On successful completion of JAPA 415, the student should be able to read, comprehend, and critique articles on various topics in standard modern Japanese.

P: JAPA 414 or subject to the approval of the Programme Director.

R: JAPA 407

JAPA415-13S2 (C)

Semester 2

JAPA 416 Classical Japanese

0.1250 EFTS

This course introduces the structure, grammar and vocabulary of the pre-modern (classical) Japanese language, and applies these to the reading of excerpts from representative historical and literary texts. The aim is to enable students to use pre-twentieth century sources. No previous knowledge of classical Japanese is required; students completing the course will have gained a familiarity with and reading ability in classical Japanese.

P: At least a B pass in JAPA 305, or a B pass in CPIT JAPN 704 Written Japanese 3B, or equivalent or subject to the approval of the Programme Director.

R: JAPA 401

JAPA416-13S2 (C)**Semester 2****JAPA 417 Literary Representations of Japanese Society and Culture**

0.1250 EFTS

This course is designed to broaden and deepen students' understanding of Japanese society and culture through the study of various literary texts (novels, and short stories) written between 1868 and the present. As acknowledged widely, a literary text not only provides insight into the mental and emotional state of people, but also contains a wealth of information about the society in which it is written. Literary texts are therefore an important source of understanding of the Japanese people even for those students who are studying Japanese history or society. The course is taught from a similar perspective to cultural studies, although one of the aims is to enhance students' aesthetic appreciation of literary texts.

P: Subject to approval of the Programme Director.

R: JAPA 402

JAPA417-13S2 (C)**Semester 2****JAPA 418 Cinematic Representations of Japanese Society and Culture**

0.1250 EFTS

Not offered in 2013

This course is designed to broaden and deepen students' understanding of Japanese society and culture through the study of films and animation. The course first examines the history of Japanese films, and then films by Kurosawa, Ozu and other notable directors. They will be examined from a similar perspective to cultural studies, although technical aspects of films will also be discussed. For the study of animation, the influence of 'manga' and other visual arts on the creation of Japanese animation will be examined. There will be discussions on the popularity of Japanese animation and their worldwide influence. When choosing films and animation, students' interests will also be accommodated.

P: Subject to the approval of the Programme Director.

R: JAPA 402

JAPA 419 Readings in Contemporary Japanese Literature: Pre-war to Early Post-war Periods

0.1250 EFTS

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 the approval of the Programme Director.

R: JAPA 405

JAPA419-13S2 (C)**Semester 2****JAPA 420 Readings in Contemporary Japanese Literature: 1980s to the present**

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 the approval of the Programme Director

R: JAPA 405

JAPA420-13S1 (C)**Semester 1****JAPA 421 Traditional Japanese Theatre**

0.1250 EFTS

This course introduces students to the four major genres of Japanese theatre. These are studied from various viewpoints, including their history, acting style, musical accompaniments, stage architecture and social setting. Audio-visual material will be used to illustrate lectures, while one play from each of the major genres will be studied in detail using Japanese texts, English translations and video footage.

P: Subject to the approval of the Programme Director.

JAPA421-13S1 (C)**Semester 1****JAPA 422 Japanese Mythology**

0.1250 EFTS

This course aims to introduce students to Japanese mythology and folklore, through materials in both the Japanese and English languages. We focus on the theoretical discourse on Japanese mythology in the fields of literature, orality and cultural anthropology; and we apply those theoretical frameworks to explore Japanese myths and legends. These topics together give a broad understanding of the development of early Japanese culture and the influence of myth upon Japanese culture from the earliest times to the present day. No previous knowledge of mythology is required.

P: Subject to the approval of the Programme Director.

JAPA422-13S2 (C)**Semester 2****JAPA 423 Origins of the Japanese People**

0.1250 EFTS

The course aims to introduce current thought regarding the origins of the Japanese people, through materials in both the Japanese and English languages. We focus on the theoretical discourse on the origins of the Japanese in

the fields of archaeology, prehistory, history, and physical anthropology; and we apply those theoretical frameworks to explore past and present beliefs about the provenance of the Japanese people. These topics together give a broad understanding of the development of early Japanese culture and of the composition of the Japanese population from the earliest times to the present day.

P: Subject to the approval of the Programme Director.
R: JAPA 408

JAPA423-13S1 (C) Semester 1

JAPA 424 Readings in Pre-modern Japanese History

0.1250 EFTS

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 the approval of the Programme Director.
R: JAPA 404

JAPA424-13S1 (C) Semester 1

JAPA 425 Readings in Modern Japanese History

0.1250 EFTS

This course uses a variety of Japanese-language texts to examine Japanese history from the Meiji Restoration of 1868 to Japan's emergence as an economic superpower exactly one century later in 1968. General coverage will build upon readings in the specified text, using a variety of other sources, both primary and secondary, in English and Japanese, ranging from encyclopaedias of history to contemporary commentary by social critics. Periodic reference will also be made where appropriate to English-language material, especially by way of balance. Specific areas of focus will be determined by agreement with enrolled students, ideally in the form of one major focus and one minor focus. Students completing the course will have a good knowledge of emic Japanese views on modern Japanese history, and where appropriate etic non-Japanese views, including the controversial period 1931-1945.

P: Subject to the approval of the Programme Director.
R: JAPA 404

JAPA425-13S2 (C) Semester 2

JAPA 426 The Invention of Tradition in Japan

0.1250 EFTS

This course aims both to inform and to stimulate thought in students regarding Japanese culture, through the Japanese and English languages. We focus on the theoretical discourse on the invention of tradition; and we apply that theoretical framework to selected aspects of Japanese tradition. These topics together give a broad understanding of the development of Japanese culture and of what

comprises Japanese 'tradition,' both the 'real' and the perceived, from the earliest times to the present day.

P: Subject to the approval of the Programme Director.
R: JAPA 408

JAPA426-13S2 (C) Semester 2

JAPA 427 Nationalism and the Emperor System

0.1250 EFTS

This course examines the close connection between Japanese nationalism and the Emperor system in the modern period. It focuses on issues such as the origin of the Emperor system, the reasons for the reconstruction of the Emperor as a divine ruler in the 19th century, how the education system was manipulated to encourage nationalism based on the Emperor worship, and the role of Emperor Showa during the war period. In addition, the connection between ultra-nationalists' terrorism and Emperor worship will also be examined.

P: Subject to the approval of the Programme Director.
JAPA427-13S1 (C) Semester 1

JAPA 428 Nihonjinron Discourse

0.1250 EFTS

Using materials in both the Japanese and English languages, we focus on the discourse on 'Japaneseness' known as Nihonjinron; and we apply that theoretical framework to explore and critique selected aspects of that discourse. Students are asked to read representative works (books, chapters) and some handouts on this field written in Japanese as well as in English. Representative works such as *The Chrysanthemum and The Sword*, *Fudo*, *Amiae no Kozo*, *Tate Shakai no Ningen Kankei*, as well as other major works in this field will be discussed. No previous knowledge of psychology is required.

P: Subject to the approval of the Programme Director.
R: JAPA 406

JAPA428-13S1 (C) Semester 1

JAPA 429 Psychology of the Japanese

0.1250 EFTS

This course aims both to inform and to stimulate thought in students regarding the psychology of the Japanese from a cross-cultural perspective, through materials in both the Japanese and English languages. We focus on the theoretical discourse on Japanese psychology; and we apply that theoretical framework to explore selected aspects of Japanese people's behaviours. Such topics as the "Japanese self" (including the theories of Carl Jung and Hayao Kawai), "Individualism and collectivism", "Attachment theory", etc. will be discussed. Students are asked to read the chapters and parts of articles written in English as well as in Japanese. No previous knowledge of psychology is required.

P: Subject to the approval of the Programme Director.
R: JAPA 406

JAPA429-13S2 (C) Semester 2

JAPA 430 Special Topic

0.1250 EFTS

P: Subject to the approval of the Programme Director.

JAPA430-13S1 (C) Semester 1**JAPA 431 Special Topic**

0.1250 EFTS

P: Subject to the approval of the Programme Director.

JAPA431-13S2 (C) Semester 2**JAPA 480 Research Essay**

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.

JAPA480-13W (C) Whole Year (S1 and S2)**JAPA 481 Research Essay**

0.1250 EFTS

Not offered in 2013

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

JAPA 690 MA Thesis

1.0000 EFTS

P: Subject to approval of the Head of School.

JAPA690-13A (C) Starts Any time*Part-time enrolment (0.65 EFTS) is available on approval.***LANC 401 In Other Words What? Theory and Practice of Translation**

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: Eligibility for the Honours programme in one of the six languages taught in the School.

R: FREN 417

LANC401-13S1 (C) Semester 1**LANC 402 Theories and Practices of E-Learning in Non-native Language Acquisition**

0.2500 EFTS

The course aims at developing participants' awareness of e-learning theories and practices and approaches to non-native language teaching/learning and project design. Participants will be introduced to key concepts and theories in e-learning related to non-native language teaching and learning. Exemplars of e-learning tools and activities will be analysed in connection to theories of e-learning and relevant academic research. Participants will investigate, analyse and evaluate literature in e-learning and connected areas in relation to non-native language teaching and learning.

P: Non-native language at 300-level or equivalent.

LANC402-13S1 (C) Semester 1**JAPA 790 Japanese PhD**

1.0000 EFTS

P: Subject to approval of the Head of School.

JAPA790-13A (C) Starts Any time*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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.

Journalism

School of 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.

JOUR 503 Law of Journalism

0.1500 EFTS

What every journalist should know. The law of defamation, contempt of court, copyright, public meetings, Official Information and much more.

P: Subject to approval of the Head of Programme.

JOUR503-13W (C) Whole Year (S1 and S2)*Limited entry. See limitation of entry regulations.***JOUR 504 History and Role of the News Media**

0.1500 EFTS

The evolution of newspapers and broadcasting, especially in New Zealand. Professional issues; how the media should behave; what forces shape the journalist; journalism ethics.

P: Subject to approval of the Head of Programme.

JOUR504-13W (C) Whole Year (S1 and S2)*Limited entry. See limitation of entry regulations.***JOUR 505 Social and Political Background to the News**

0.1500 EFTS

The focus is on the political and social issues journalists need to understand to undertake their work in New Zealand, Asia and the South Pacific.

P: Subject to approval of the Head of Programme.

JOUR505-13W (C) Whole Year (S1 and S2)*Limited entry. See limitation of entry regulations.***JOUR 506 News Journalism**

0.3500 EFTS

The techniques of newsgathering and news writing for newspapers, radio and television. The broadcast component covers writing, subbing, taping, voice work and bulletin preparation.

P: Subject to approval of the Head of Programme.

JOUR506-13W (C) Whole Year (S1 and S2)*Limited entry. See limitation of entry regulations.*

JOUR 507 Specialist Writing

0.2500 EFTS

Specialist areas of practical journalism, other than news, in both print and broadcasting. These include feature articles/documentaries, sport, politics, business, science, editorials and reviewing. Students are also required to learn the skills of subbing; text-editing, headings, captions, layout and design.

P: Subject to approval of the Head of Programme.

JOUR507-13W (C) Whole Year (S1 and S2)

Limited entry. See limitation of entry regulations.

JOUR 790 Journalism PhD

1.0000 EFTS

P: Subject to approval of the Head of School.

JOUR790-13A (C) Starts Any time

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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.

Languages and Cultures

School of Languages, Cultures and Linguistics

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.

LANC 401 In Other Words What? Theory and Practice of Translation

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: Eligibility for the Honours programme in one of the six languages taught in the School.

R: FREN 417

LANC401-13S1 (C) Semester 1

LANC 402 Theories and Practices of E-Learning in Non-native Language Acquisition

0.2500 EFTS

The course aims at developing participants' awareness of e-learning theories and practices and approaches to non-native language teaching/learning and project design. Participants will be introduced to key concepts and theories in e-learning related to non-native language teaching and learning. Exemplars of e-learning tools and activities will be analysed in connection to theories of e-learning and relevant academic research. Participants will investigate, analyse and evaluate literature in e-learning and connected areas in relation to non-native language teaching and learning.

P: Non-native language at 300-level or equivalent.

LANC402-13S1 (C) Semester 1

Law

School of Law

LAWS 101 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: LAWS 110

LAWS101-13W (C) Whole Year (S1 and S2)

LAWS 102 Law, Justice and Morality

15 Points

0.1250 EFTS

Not offered in 2013

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.

LAWS 110 Legal System: Research, Writing and Legal Foundations

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. The examination of the Treaty of Waitangi will be in a context of Māori customary law and Māori rights under the New Zealand legal system.

C: LAWS 101

LAWS110-13S1 (C) Semester 1

LAWS 202 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: LAWS 101 and LAWS 110

LAWS202-13W (C) Whole Year (S1 and S2)

Limited entry. See limitation of entry regulations.

LAWS 203 The Law of Contract

30 Points 0.2500 EFTS

The general principles of governing the formation of contracts, violating elements, breach of contract and remedies.

P: LAWS 101 and LAWS 110

LAWS203-13W (C) Whole Year (S1 and S2)*Limited entry. See limitation of entry regulations.***LAWS 204 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: LAWS 101 and LAWS 110

LAWS204-13W (C) Whole Year (S1 and S2)*Limited entry. See limitation of entry regulations.***LAWS 205 Land Law**

30 Points 0.2500 EFTS

The history and principles of land law.

P: LAWS 101 and LAWS 110

LAWS205-13W (C) Whole Year (S1 and S2)*Limited entry. See limitation of entry regulations.***LAWS 206 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: LAWS 101 and LAWS 110

R: LAWS 201

LAWS206-13W (C) Whole Year (S1 and S2)*Limited entry. See limitation of entry regulations.***LAWS 301 Equity and Succession**

30 Points 0.2500 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: (i) LAWS 101; and (ii) LAWS 110

C: LAWS 202-LAWS 206

LAWS301-13W (C) Whole Year (S1 and S2)**LAWS 303 Advanced Employment Law**

15 Points 0.1250 EFTS

Not offered in 2013

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: (i) LAWS 101; and (ii) LAWS 110

C: LAWS 202- LAWS 206

R: LAWS 318

LAWS 305 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.

P: (i) LAWS 101; and (ii) LAWS 110

C: LAWS 202-LAWS 206

R: LAWS 312

LAWS305-13S2 (C) Semester 2**LAWS 307 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. The sole focus of the course will not necessarily be on New Zealand's Evidence Act 2006 but will seek to place such provisions in the context of both theoretical and comparative international approaches.

P: (i) LAWS 101; and (ii) LAWS 110

C: LAWS 202-LAWS 206

R: LAWS 316

LAWS307-13S2 (C) Semester 2**LAWS 309 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.

P: (i) LAWS 101; and (ii) LAWS 110

C: LAWS 202-LAWS 206

R: LAWS 317

LAWS309-13S1 (C) Semester 1**LAWS 310 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.

P: (i) LAWS 101; and (ii) LAWS 110

C: LAWS 202-LAWS 206

R: LAWS 317

LAWS310-1352 (C)

Semester 2

LAWS 314 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.

P: (i) LAWS 101; and (ii) LAWS 110

C: LAWS 202-LAWS 206. Students enrolled in other degrees, who do not have the above prerequisites and corequisites, but have completed appropriate courses in another discipline, may apply to the Head of Department for a waiver.

R: LAWS 304; LAWS 376 (2005)

LAWS314-1351 (C)

Semester 1

LAWS 315 Transnational Criminal Law

15 Points

0.1250 EFTS

Not offered in 2013

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: (i) LAWS 101; and (2) LAWS 110; (3) LAWS 324 or may be admitted by Head of Department if concurrently enrolled in LAWS 324

C: LAWS 202 - LAWS 206

LAWS 319 Environmental Law, Conservation and the Public Interest

15 Points

0.1250 EFTS

Not offered in 2013

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.

P: (i) LAWS 101; and (ii) LAWS 110

C: LAWS 202-LAWS 206

R: LAWS 304; LAWS 376 (2005)

LAWS 320 NZ Bill of Rights Act 1990

15 Points

0.1250 EFTS

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).

P: (i) LAWS 101; and (ii) LAWS 110

C: LAWS 202-206

LAWS320-1351 (C)

Semester 1

LAWS 321 International Criminal Law

15 Points

0.1250 EFTS

Not offered in 2013

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: (i) LAWS 101; and (ii) LAWS 110; (iii) LAWS 324, or may be admitted by Head of Department if concurrently enrolled in LAWS 324.

C: LAWS 202-LAWS 206

LAWS 322 International Human Rights

15 Points

0.1250 EFTS

Not offered in 2013

An introduction to international human rights instruments and institutions.

P: (i) LAWS 101; and (ii) LAWS 110; (iii) LAWS 324, or may be admitted by Head of Department if concurrently enrolled in LAWS 324.

C: LAWS 202-LAWS 206

LAWS 323 Immigration and Refugee Law

15 Points

0.1250 EFTS

Not offered in 2013

An examination of selected domestic and international issues in immigration and refugee law.

P: (i) LAWS 101; and (ii) LAWS 110

C: LAWS 202-LAWS 206

LAWS 324 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.

P: (i) LAWS 101; and (ii) LAWS 110

C: LAWS 202-LAWS 206

R: LAWS 342, LAWS 375 (prior to 2006)

LAWS324-1351 (C)

Semester 1

LAWS 325 Occupational Safety Law 15 Points 0.1250 EFTS

Not offered in 2013

A course examining the law relating to Occupational Health and Safety, with particular reference to the Health and Safety in Employment Act, 1992, and work-related aspects of the Injury, Prevention, Rehabilitation and Compensation Act, 2001.

P: (i) LAWS 101; and (ii) LAWS 110
C: LAWS 202-LAWS 206

LAWS 327 International Environmental Law 15 Points 0.1250 EFTS

Challenges and institutional responses to global environmental problems, including global warming.

P: (i) LAWS 101; and (ii) LAWS 110
C: LAWS 202-LAWS 206
R: LAWS 347 (2001-2004), ILAP 612, ILAP 637

LAWS327-13S1 (C) Semester 1

LAWS 329 Securities Law 15 Points 0.1250 EFTS

Not offered in 2013

Legal and economic issues involved in public regulation of the stock market, takeovers and futures. The legal aspects of the international financial revolution.

P: (i) LAWS 101; and (ii) LAWS 110
C: LAWS 202-LAWS 206

LAWS 330 Intellectual Property Law 15 Points 0.1250 EFTS

An introduction to Intellectual Property Law, including a brief introduction to patents and designs; confidential information and trade secrets; copyright in dramatic, literary and musical works; other forms of protection of intellectual property; remedies particularly applicable to intellectual property matters.

P: (i) LAWS 101; and (ii) LAWS 110
C: LAWS 202-LAWS 206

LAWS330-13S2 (C) Semester 2

LAWS 331 Commercial Law I: Sales and Consumer Law 15 Points 0.1250 EFTS

The course involves a detailed study of the law relating to sale of goods, consumer guarantees, fair trading and other consumer protection legislation.

P: (i) LAWS 101; and (ii) LAWS 110
C: LAWS 202-206
R: LAWS 311

LAWS331-13S1 (C) Semester 1

LAWS 332 Commercial Law II: Personal Property Security & 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.

P: (i) LAWS 101; and (ii) LAWS 110
C: LAWS 202-LAWS 206
R: LAWS 311

LAWS332-13S1 (C) Semester 1

LAWS 334 New Zealand and Colonial Legal History 15 Points 0.1250 EFTS

The origins and development of legal institutions in New Zealand and other British colonies; the development of the substantive law in these colonies and the impact of English law on the indigenous peoples of the colonies.

P: (i) LAWS 101; and (ii) LAWS 110
C: LAWS 202-LAWS 206

LAWS334-13W (C) Whole Year (S1 and S2)

LAWS 335 Insolvency Law 15 Points 0.1250 EFTS

Not offered in 2013

An examination of selected personal and corporate law insolvency issues.

P: (i) LAWS 101; and (ii) LAWS 110
C: LAWS 202 - 206

LAWS 336 Antarctic Legal Studies 15 Points 0.1250 EFTS

Not offered in 2013
P: (i) LAWS 101; and (ii) LAWS 110
C: LAWS 202-LAWS 206
R: LAWS 372 (prior to 2006), ANTA 402

LAWS 337 Criminal Justice 15 Points 0.1250 EFTS

Perspectives on the criminal justice process. The organisation, objectives, role, powers and accountability of the police. The prosecution, trial, bail and remand processes. The jury system. Sentencing, penal policy and prisons. Juvenile justice.

P: (i) LAWS 101; and (ii) LAWS 110
C: LAWS 202-LAWS 206

LAWS337-13S2 (C) Semester 2

LAWS 338 International Trade 15 Points 0.1250 EFTS

Not offered in 2013
An examination of the major agreements and institutions relating to international trade and development.

P: (i) LAWS 101; and (ii) LAWS 110; (iii) LAWS 324 or may be admitted by Head of Department if concurrently enrolled in LAWS 324.
C: LAWS 202-LAWS 206

LAWS 339 Negotiation and the Lawyer

15 Points 0.1250 EFTS

Not offered in 2013

Theory and practice of negotiation, lawyers' roles and professional responsibility.

P: (i) LAWS 101; and (ii) LAWS 110

C: LAWS 202-LAWS 206

R: LAWS 369 (prior to 2006)

Limited entry. See *limitation of entry regulations*.

LAWS 340 Banking Law

15 Points 0.1250 EFTS

Not offered in 2013

An outline of the law and practice relating to domestic banking and the financing of international trade.

P: (i) LAWS 101; and (ii) LAWS 110

C: LAWS 202-LAWS 206

R: LAWS 327 before 2005

LAWS 341 Insurance Law

15 Points 0.1250 EFTS

The main principles of insurance law with specific reference to life and property insurance.

P: (i) LAWS 101; and (ii) LAWS 110

C: LAWS 202-LAWS 206

R: LAWS 327 before 2005

LAWS341-1351 (C) Semester 1**LAWS 343 International Institutions**

15 Points 0.1250 EFTS

Not offered in 2013

This course will explore the development of international institutions, both at a global level (with particular emphasis on the World Trade Organisation) and a Regional level (with specific reference to the European Union). It will examine their impact and operation and ask what their development means for the future of domestic and international public law in New Zealand and throughout the world.

P: (i) LAWS 101; and (ii) LAWS 110; (iii) LAWS 324 or may be admitted by Head of Department if concurrently enrolled in LAWS 324.

C: LAWS 202-LAWS 206

LAWS 345 Social Security Law

15 Points 0.1250 EFTS

Not offered in 2013

The law relating to social security benefits and accident compensation, with selected topics.

P: (i) LAWS 101; and (ii) LAWS 110

C: LAWS 202-LAWS 206

LAWS 346 Law of Agency

15 Points 0.1250 EFTS

Not offered in 2013

P: (i) LAWS 101; and (ii) LAWS 110

R: LAWS 327 before 2005

LAWS 347 Problems in International Law

15 Points 0.1250 EFTS

Not offered in 2013

Selected topics in international law with emphasis on armed conflict, international humanitarian law and arms control.

P: (i) LAWS 101; and (ii) LAWS 110

C: LAWS 202-LAWS 206

LAWS 348 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: (i) LAWS 101; and (ii) LAWS 110 from 2013

C: LAWS 202-LAWS 206

R: LAWS 379 (prior to 2006)

LAWS348-12SU2 (C) Summer (Nov 12)**LAWS 349 Computers and the Law**

15 Points 0.1250 EFTS

Not offered in 2013

An introduction to the use of computers in law and the legal problems of computer technology; data protection and privacy; legal practice systems and information retrieval systems; computer crimes, torts, and evidence.

P: (i) LAWS 101; and (ii) LAWS 110

C: LAWS 202-LAWS 206

LAWS 350 Competition Law

15 Points 0.1250 EFTS

Not offered in 2013

The Law regulating or promoting competition in the New Zealand economy.

P: (i) LAWS 101; and (ii) LAWS 110

C: LAWS 202-LAWS 206

R: AFIS 355, ACIS 355

LAWS 351 Law and Sport

15 Points 0.1250 EFTS

Not offered in 2013

A study of the main principles of law affecting amateur and professional sporting activity. This course is offered in alternate years.

P: (i) LAWS 101; and (ii) LAWS 110

C: LAWS 202-LAWS 206

R: LAWS 371 (prior to 2006), LAWS 336 in 1998.

LAWS 352 Selected Issues in Taxation

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.

P: (i) LAWS 101; and (ii) LAWS 110

C: LAWS 202-LAWS 206

R: LAWS 394 (1999), LAWS 395 (2000-2001)

LAWS352-1352 (C) Semester 2

LAWS 354 Judicial Review

15 Points 0.1250 EFTS
The principles used by the courts to control the exercise of public power.

P: (i) LAWS 101; and (ii) LAWS 110

C: LAWS 202-LAWS 206

R: LAWS 394 (2000-2002)

LAWS354-1351 (C) Semester 1

LAWS 355 European Union Law

15 Points 0.1250 EFTS
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.

P: (i) LAWS 101; and (ii) LAWS 110

C: LAWS 202-LAWS 206. Students enrolled in other degrees, who do not have the above prerequisites and corequisites, but have completed appropriate courses in another discipline, may apply to the Head of Department for a waiver.

R: EURO 311

LAWS355-1351 (C) Semester 1

LAWS 357 Special Topic: EU Social Policy

15 Points 0.1250 EFTS

Not offered in 2013

This course aims to provide students with a concrete and in-depth understanding of how EU social law and policy have developed (and is likely to develop in an enlarged EU).

P: (i) LAWS 101; and (ii) LAWS 110

C: LAWS 202-206

LAWS 359 Trial Advocacy

15 Points 0.1250 EFTS

Theory and practice of trial advocacy.

P: (i) LAWS 101 and (ii) LAWS 110 from 2013; (iii) LAWS 316 or LAWS 307.

C: LAWS 202-LAWS 206

R: LAWS 389 (prior to 2006)

LAWS359-125U2 (C) Summer (Nov 12)

Limited entry. See limitation of entry regulations.

LAWS 360 Jurisprudence

15 Points 0.1250 EFTS

The course involves a study of various modern theories about law from both a descriptive and critical perspective.

P: (i) LAWS 101; and (ii) LAWS 110

C: LAWS 202-LAWS 206

R: LAWS 302

LAWS360-1352 (C) Semester 2

LAWS 361 Issues in Jurisprudence

15 Points 0.1250 EFTS

Not offered in 2013

The course will vary in content depending on lecturing resources and interests, but will incorporate either or both of historical, cultural and philosophical contexts for law and particular contemporary issues in law.

P: (i) LAWS 101; and (ii) LAWS 110

C: LAWS 202-LAWS 206

R: LAWS 302

LAWS 362 Special Topic

15 Points 0.1250 EFTS

P: (i) LAWS 101 and (ii) LAWS 110

C: LAWS 202-206

LAWS362-1351 (C) Semester 1

LAWS362-1352 (C) Semester 2

LAWS 363 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.

P: (i) LAWS 101; and (ii) LAWS 110 from 2013

C: LAWS 202-206

R: LAWS 318

LAWS363-125U2 (C) Summer (Nov 12)

LAWS 364 Law of the Sea

15 Points 0.1250 EFTS

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.

P: (i) LAWS 101 and (ii) LAWS 110

C: LAWS 202-206. Students enrolled in other degrees, who do not have the above prerequisites and corequisites, but have completed appropriate courses in another discipline, may apply to the Head of Department for a waiver.

R: LAWS 362 prior to 2010

LAWS364-1351 (C) Semester 1

LAWS 376 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.

P: (i) LAWS 101; and (ii) LAWS 110
C: LAWS 202 - LAWS 206

LAWS376-1352 (C) Semester 2

LAWS 377 Special Topic : Māori and the Law of Marine Resources

15 Points 0.1250 EFTS

Not offered in 2013

P: (i) LAWS 101 and (ii) LAWS 110
C: LAWS 202 - LAWS 206

LAWS 380 Contemporary Issues in Criminal Law and Procedure

15 Points 0.1250 EFTS

Not offered in 2013

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: (i) LAWS 101; and (ii) LAWS 110; (iii) LAWS 202
C: LAWS 203-LAWS 206

LAWS 381 Landlord and Tenant

15 Points 0.1250 EFTS

Not offered in 2013

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.

P: (i) LAWS 101; and (ii) LAWS 110
C: LAWS 202-LAWS 206

LAWS 382 Legal Internship

15 Points 0.1250 EFTS

Not offered in 2013

Study of theoretical and practical issues relating to legal services.

P: (i) LAWS 101; and (ii) LAWS 110
C: LAWS 202-LAWS 206

Limited entry. See limitation of entry regulations.

LAWS 383 Law and Medicine

15 Points 0.1250 EFTS

A study of the main principles of law affecting medicine and medical practice.

P: (i) LAWS 101; and (ii) LAWS 110
C: LAWS 202-LAWS 206

LAWS383-1351 (C) Semester 1

Limited entry: See limited entry Regulations.

LAWS 384 Legislation: Law-Making for the 21st Century

15 Points 0.1250 EFTS

Not offered in 2013

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.

P: (i) LAWS 101; and (ii) LAWS 110
C: LAWS 202-LAWS 206

LAWS 385 Advanced Intellectual Property Law

15 Points 0.1250 EFTS

Not offered in 2013

A detailed study of the protection of intellectual property through patents, registered designs and industrial copyright issues together with advanced study of issues of current importance in intellectual property law.

P: (i) LAWS 101; and (ii) LAWS 110
C: LAWS 202-LAWS 206
R: LAWS 374 (prior to 2006)

LAWS 387 Advanced Public Law

15 Points 0.1250 EFTS

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: (i) LAWS 110; (ii) LAWS 101 and (iii) LAWS 206
C: LAWS 202; LAWS 203; LAWS 204; LAWS 205

LAWS387-1351 (C) Semester 1

Limited entry: See limited entry Regulations.

LAWS 388 Special Topic: European Public Law

15 Points 0.1250 EFTS

This course, funded by a Jean Monnet grant from the European Commission, will be the first of its kind in New Zealand and will address a lack of knowledge in European Public Law. It will examine the constitutional and administrative structures of the EU (plus selected Member States), their practical operation and the rules and principles that govern EU decision making processes. It will focus in

particular on the EU's external relations and its impact on the Pacific.

P: (i) LAWS 101; and (ii) LAWS 110.

C: LAWS 202-LAWS 206. Students enrolled in other degrees who do not have the above prerequisites and corequisites, but have completed appropriate courses in another discipline, may apply to the Head of Department for a waiver.

R: EURO 333

LAWS388-13S2 (C) Semester 2

LAWS 390 Conflict of Laws

15 Points 0.1250 EFTS

The application of foreign law in New Zealand courts. The limits of the jurisdiction of New Zealand courts. The validity, operation and enforcement of foreign judgements.

P: (i) LAWS 101; and (ii) LAWS 110

C: LAWS 202-LAWS 206

R: LAWS 313

LAWS390-13S2 (C) Semester 2

LAWS 391 Māori Land Law

15 Points 0.1250 EFTS

Not offered in 2013

An introduction to the law relating to Māori land and related resources.

P: (i) LAWS 101; and (ii) LAWS 110

C: LAWS 202-LAWS 206

LAWS 392 The Treaty of Waitangi

15 Points 0.1250 EFTS

Not offered in 2013

The status and effect of the Treaty of Waitangi in the legal system.

P: (i) LAWS 101; and (ii) LAWS 110

C: LAWS 202-LAWS 206

LAWS 393 Advanced Land Law

15 Points 0.1250 EFTS

Advanced study of contemporary concepts of real property. This course is offered in alternate years.

P: (i) LAWS 101; and (ii) LAWS 110; (iii) LAWS 205

C: LAWS 202-204, LAWS 206

LAWS393-13S1 (C) Semester 1

LAWS 396 Media Law

15 Points 0.1250 EFTS

P: (i) LAWS 101; and (ii) LAWS 110

C: LAWS 202-LAWS 206

LAWS396-13S2 (C) Semester 2

LAWS 397 Civil Litigation

15 Points 0.1250 EFTS

Not offered in 2013

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.

P: (i) LAWS 101; and (ii) LAWS 110

C: LAWS 202-LAWS 206

LAWS 398 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.

P: (i) LAWS 101; and (ii) LAWS 110

C: LAWS 202-LAWS 206

R: LAWS 370 (prior to 2006), LAWS 399 (prior to 2006)

LAWS398-13S2 (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.

LAWS 410 Advanced Research Skills

0.0833 EFTS

P: Subject to approval of the Head of Department

R: LAWS 401

LAWS410-13S1 (C) Semester 1

Honours candidates only. Entry to the Honours programme is by invitation.

LAWS 420 Honours Research Paper

0.1667 EFTS

P: LAWS 410

R: LAWS 401

LAWS420-13S2 (C) Semester 2

Honours candidates only. Entry to the Honours programme is by invitation.

LAWS 430 Honours Dissertation

0.2500 EFTS

P: Subject to approval of the Head of Department.

R: LAWS 451, LAWS 501

LAWS430-13W (C) Whole Year (S1 and S2)

Honours candidates only. Entry to the Honours programme is by invitation.

LAWS 601 Legal Research and Methodology

0.3333 EFTS

P: Subject to approval of the Head of Department.

LAWS601-13FY (C)

Full Year (February to February)

LAWS601-13CY (C)

Cross Year

LAWS 602 New Zealand Legal System

0.3333 EFTS

P: Subject to approval of the Head of Department.

LAWS602-13FY (C)

Full Year (February to February)

LAWS602-13CY (C)

Cross Year

LAWS 603 Public Law

0.3333 EFTS

P: Subject to approval of the Head of Department.

LAWS603-13FY (C)

Full Year (February to February)

LAWS603-13CY (C)

Cross Year

LAWS 604 Criminal Law

0.3333 EFTS

P: Subject to approval of the Head of Department.

LAWS604-13FY (C)	Full Year (February to February)
LAWS604-13CY (C)	Cross Year

LAWS 605 Commercial Law

0.3333 EFTS

P: Subject to approval of the Head of Department.

LAWS605-13FY (C)	Full Year (February to February)
LAWS605-13CY (C)	Cross Year

LAWS 606 Jurisprudence

0.3333 EFTS

P: Subject to approval of the Head of Department.

LAWS606-13FY (C)	Full Year (February to February)
LAWS606-13CY (C)	Cross Year

LAWS 607 The Law of Contract

0.3333 EFTS

P: Subject to approval of the Head of Department.

LAWS607-13FY (C)	Full Year (February to February)
LAWS607-13CY (C)	Cross Year

LAWS 608 The Law of Torts

0.3333 EFTS

P: Subject to approval of the Head of Department.

LAWS608-13FY (C)	Full Year (February to February)
LAWS608-13CY (C)	Cross Year

LAWS 609 Land Law

0.3333 EFTS

P: Subject to approval of the Head of Department.

LAWS609-13FY (C)	Full Year (February to February)
LAWS609-13CY (C)	Cross Year

LAWS 610 Equity and Succession

0.3333 EFTS

P: Subject to approval of the Head of Department.

LAWS610-13FY (C)	Full Year (February to February)
LAWS610-13CY (C)	Cross Year

LAWS 611 Evidence

0.3333 EFTS

P: Subject to approval of the Head of Department.

LAWS611-13FY (C)	Full Year (February to February)
LAWS611-13CY (C)	Cross Year

LAWS 612 Comparative Law

0.3333 EFTS

P: Subject to approval of the Head of Department.

LAWS612-13FY (C)	Full Year (February to February)
LAWS612-13CY (C)	Cross Year

LAWS 613 Family Law

0.3333 EFTS

P: Subject to approval of the Head of Department.

LAWS613-13FY (C)	Full Year (February to February)
LAWS613-13CY (C)	Cross Year

LAWS 614 Company Law

0.3333 EFTS

P: Subject to approval of the Head of Department.

LAWS614-13FY (C)	Full Year (February to February)
LAWS614-13CY (C)	Cross Year

LAWS 615 Securities Regulation

0.3333 EFTS

P: Subject to approval of the Head of Department.

LAWS615-13FY (C)	Full Year (February to February)
LAWS615-13CY (C)	Cross Year

LAWS 616 Intellectual Property

0.3333 EFTS

P: Subject to approval of the Head of Department.

LAWS616-13FY (C)	Full Year (February to February)
LAWS616-13CY (C)	Cross Year

LAWS 617 Restitution

0.3333 EFTS

P: Subject to approval of the Head of Department.

LAWS617-13FY (C)	Full Year (February to February)
LAWS617-13CY (C)	Cross Year

LAWS 618 Antarctic Legal Studies

0.3333 EFTS

P: Subject to approval of the Head of Department.

LAWS618-13FY (C)	Full Year (February to February)
LAWS618-13CY (C)	Cross Year

LAWS 619 Competition Law

0.3333 EFTS

P: Subject to approval of the Head of Department.

LAWS619-13FY (C)	Full Year (February to February)
LAWS619-13CY (C)	Cross Year

LAWS 620 Administrative Law

0.3333 EFTS

P: Subject to approval of the Head of Department.

LAWS620-13FY (C)	Full Year (February to February)
LAWS620-13CY (C)	Cross Year

LAWS 621 Law and Medicine

0.3333 EFTS

P: Subject to approval of the Head of Department.

LAWS621-13FY (C)	Full Year (February to February)
LAWS621-13CY (C)	Cross Year

LAWS 622 Legislation

0.3333 EFTS

P: Subject to approval of the Head of Department.

LAWS622-13FY (C) Full Year (February to February)

LAWS622-13CY (C) Cross Year

LAWS 623 Insurance Law

0.3333 EFTS

P: Subject to approval of the Head of Department.

LAWS623-13FY (C) Full Year (February to February)

LAWS623-13CY (C) Cross Year

LAWS 624 Taxation Law

0.3333 EFTS

P: Subject to approval of the Head of Department.

LAWS624-13FY (C) Full Year (February to February)

LAWS624-13CY (C) Cross Year

LAWS 625 Banking Law

0.3333 EFTS

Not offered in 2013

P: Subject to approval of the Head of Department.

LAWS 626 Civil Liberties

0.3333 EFTS

P: Subject to approval of the Head of Department.

LAWS626-13FY (C) Full Year (February to February)

LAWS626-13CY (C) Cross Year

LAWS 627 Conflict of Laws

0.3333 EFTS

P: Subject to approval of the Head of Department.

LAWS627-13FY (C) Full Year (February to February)

LAWS627-13CY (C) Cross Year

LAWS 628 Labour Law

0.3333 EFTS

Not offered in 2013

P: Subject to approval of the Head of Department.

LAWS 629 Natural Resource Law

0.3333 EFTS

P: Subject to approval of the Head of Department.

LAWS629-13FY (C) Full Year (February to February)

LAWS629-13CY (C) Cross Year

LAWS 630 Treaty of Waitangi

0.3333 EFTS

P: Subject to approval of the Head of Department.

LAWS630-13FY (C) Full Year (February to February)

LAWS630-13CY (C) Cross Year

LAWS 631 Welfare Law

0.3333 EFTS

Not offered in 2013

P: Subject to approval of the Head of Department.

LAWS 632 Law and Sport

0.3333 EFTS

P: Subject to approval of the Head of Department.

LAWS632-13FY (C) Full Year (February to February)

LAWS632-13CY (C) Cross Year

LAWS 633 Landlord and Tenant

0.3333 EFTS

P: Subject to approval of the Head of Department.

LAWS633-13FY (C) Full Year (February to February)

LAWS633-13CY (C) Cross Year

LAWS 634 Media and Arts Law

0.3333 EFTS

P: Subject to approval of the Head of Department.

LAWS634-13FY (C) Full Year (February to February)

LAWS634-13CY (C) Cross Year

LAWS 635 Law and Information Technology

0.3333 EFTS

P: Subject to approval of the Head of Department.

LAWS635-13FY (C) Full Year (February to February)

LAWS635-13CY (C) Cross Year

LAWS 636 Indigenous People's Rights

0.3333 EFTS

P: Subject to approval of the Head of Department.

LAWS636-13FY (C) Full Year (February to February)

LAWS636-13CY (C) Cross Year

LAWS 637 Dispute Resolution

0.3333 EFTS

P: Subject to approval of the Head of Department.

LAWS637-13FY (C) Full Year (February to February)

LAWS637-13CY (C) Cross Year

LAWS 638 Legal History

0.3333 EFTS

P: Subject to approval of the Head of Department.

LAWS638-13FY (C) Full Year (February to February)

LAWS638-13CY (C) Cross Year

LAWS 639 Accident Compensation

0.3333 EFTS

P: Subject to approval of the Head of Department.

LAWS639-13FY (C) Full Year (February to February)

LAWS639-13CY (C) Cross Year

LAWS 642 Law and Economics

0.3333 EFTS

Not offered in 2013

P: Subject to approval of the Head of Department.

LAWS 643 Law and Finance

0.3333 EFTS

Not offered in 2013

P: Subject to approval of the Head of Department.

LAWS 644 Law and the Environment

0.3333 EFTS

P: Subject to approval of the Head of Department.

LAWS644-13FY (C)	Full Year (February to February)
LAWS644-13CY (C)	Cross Year

LAWS 646 Special Topic

0.3333 EFTS

P: Subject to approval of the Head of Department.

LAWS646-13FY (C)	Full Year (February to February)
LAWS646-13CY (C)	Cross Year

LAWS 647 Special Topic

0.3333 EFTS

P: Subject to approval of the Head of Department.

LAWS647-13FY (C)	Full Year (February to February)
LAWS647-13CY (C)	Cross Year

LAWS 648 Special Topic

0.3333 EFTS

P: Subject to approval of the Head of Department.

LAWS648-13FY (C)	Full Year (February to February)
LAWS648-13CY (C)	Cross Year

LAWS 649 Dissertation

0.3333 EFTS

P: Subject to approval of the Head of Department.

LAWS649-13FY (C)	Full Year (February to February)
LAWS649-13CY (C)	Cross Year

LAWS 650 International Criminal Law

0.3333 EFTS

Not offered in 2013

P: Subject to approval of the Head of Department.

LAWS 651 International Human Rights Law

0.3333 EFTS

P: Subject to approval of the Head of Department.

LAWS651-13FY (C)	Full Year (February to February)
LAWS651-13CY (C)	Cross Year

LAWS 652 Immigration and Refugee Law

0.3333 EFTS

P: Subject to approval of the Head of Department.

LAWS652-13FY (C)	Full Year (February to February)
LAWS652-13CY (C)	Cross Year

LAWS 653 Principles of Public International Law

0.3333 EFTS

P: Subject to approval of the Head of Department.

LAWS653-13FY (C)	Full Year (February to February)
LAWS653-13CY (C)	Cross Year

LAWS 654 International Environmental Law

0.3333 EFTS

P: Subject to approval of the Head of Department.

LAWS654-13FY (C)	Full Year (February to February)
LAWS654-13CY (C)	Cross Year

LAWS 655 International Trade

0.3333 EFTS

P: Subject to approval of the Head of Department.

LAWS655-13FY (C)	Full Year (February to February)
LAWS655-13CY (C)	Cross Year

LAWS 656 International Institutions

0.3333 EFTS

P: Subject to approval of the Head of Department.

LAWS656-13FY (C)	Full Year (February to February)
LAWS656-13CY (C)	Cross Year

LAWS 657 European Public Law

0.3333 EFTS

P: Subject to approval of the Head of Department.

LAWS657-13FY (C)	Full Year (February to February)
LAWS657-13CY (C)	Cross Year

LAWS 658 Law of the Sea

0.3333 EFTS

P: Subject to approval of the Head of Department.

LAWS658-13FY (C)	Full Year (February to February)
LAWS658-13CY (C)	Cross Year

LAWS 659 Special Topic: Transnational Criminal Law

0.3333 EFTS

Not offered in 2013

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: Subject to approval of the Head of Department.

LAWS 690 LLM Thesis

1.0000 EFTS

P: Subject to approval of the Head of Department.

LAWS690-13A (C) Starts Any time*Part-time enrolment (0.65 EFTS) is available on approval.*

LAWS 790 Law PhD

1.0000 EFTS

P: Subject to approval of the Head of Department.

LAWS790-13A (C) Starts Any time*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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Linguistics

*School of Languages, Cultures and Linguistics***LING 101 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: ENGL 123

LING101-13S1 (C)**Semester 1****LING 102 From Babies to Adults: How Experience Shapes Your Language**

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.

LING102-13S2 (C)**Semester 2****LING102-13S2 (D)****Semester 2****LING 103 How to Learn Another Language**

15 Points

0.1250 EFTS

The goal of the course is to provide students with important tools to help them become better learners of other languages. Students will become familiar with basic elements of language relating to sounds, words and meaning as a means of enabling them to anticipate and effectively deal with problems in pronunciation, vocabulary building, and sentence formation that often come up in learning another language. They will also learn about the intertwining of culture and language, such as how expressions of politeness, swearing and body language differ across cultures. Differences between learning how an infant learns language and how an adult learns another language will also be discussed in order to highlight how

these differences can both facilitate and complicate the learning of another language.

LING103-13S1 (C)**Semester 1****LING 210 Language Variation Across Space and Time**

15 Points

0.1250 EFTS

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: LING 101

R: LING 203

LING210-13S1 (C)**Semester 1****LING 215 The Sounds of Speech**

15 Points

0.1250 EFTS

This course is about understanding the sounds of speech. In the first part of the course, we think carefully about how we produce sound, how we use our vocal apparatus to create different sounds and how these sounds combine in turn to form speech. In the second part, we learn about how we can measure and interpret changes in the air caused by speech. Finally, we explore connections to other areas of language study and we consider how knowledge of speech sounds could be applied in the real world context of forensic investigation.

P: LING 101 or LING 111 or ENGL 123 or ENGL 112

R: CMDS 231

LING215-13S1 (C)**Semester 1****LING 216 Systems of Words and Sounds in Language**

15 Points

0.1250 EFTS

In this course, students will learn about the structure underlying the words and sounds used in human language. It will be seen that these systems can differ from language to language in interesting and systematic ways. At the same time, languages also share many common properties regarding, for example, how sounds are sequenced in words. Students will get hands-on experience discovering patterns in language, and come away with a greater understanding of the internal organization of linguistic systems.

P: LING 101 or LING 111 or ENGL 123 or ENGL 112

R: LING 207, LING 302

LING216-13S2 (C)**Semester 2****LING 217 Sentence Structure**

15 Points

0.1250 EFTS

This course offers you the opportunity to discover the principles behind the way in which speakers of a language

combine words into phrases and sentences. We will take a scientific look at utterances you encounter in everyday life, and you will learn to use tree diagrams to represent the structural patterns you find.

P: LING 101 or LING 111 or ENGL 123 or ENGL 112

R: LING 201, LING 206, LING 211

LING217-1351 (C) Semester 1

LING 218 The Expression of Meaning in Language

15 Points 0.1250 EFTS

Not offered in 2013

This course provides an introduction to the main semantic phenomena of natural language and to a simple formal analysis, based on first-order logic, of the semantic structure of sentences. Topics will include truth-conditional theories of meaning, modality and possible worlds, predicates and arguments, truth-functional connectives, quantifiers, tense, scopal ambiguity, and the event-based analysis of action sentences.

P: LING 101 or LING 111 or ENGL 123 or ENGL 112 or any 15 points in PHIL

R: LING 202, PHIL 251

EQ: PHIL 251

LING 219 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: LING 101 or LING 111 or ENGL 123 or ENGL 112 or relevant background in EDUC or EDED or PSYC with the approval of the Head of Department.

R: CMDS 221, LING 205

LING219-1352 (C) Semester 2

LING 220 The History of English

15 Points 0.1250 EFTS

This course introduces students to the idea that languages vary and change, illustrating 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 way its form has changed over the last 1400 years.

P: Any 30 points at 100-level

R: ENGL 240, ENGL 241, LING 204, LING 214

LING220-1352 (C) Semester 2

LING 304 Historical Linguistics

30 Points 0.2500 EFTS

Not offered in 2013

This course is concerned with how and why languages change. This course is a hands-on introduction to and survey of historical linguistics, where the student learns how to "do" historical linguistics by working through exercises involving a wide variety of languages.

P: LING 201 or LING 211 or LING 206 or LING 207 or LING 215 or LING 216 or LING 217

LING 306 Topics in Syntactic Theory

30 Points 0.2500 EFTS

This course follows on from second-year syntax, covering selected advanced topics and current research in syntactic theory.

P: LING 201 or LING 206 or LING 211 or LING 217

LING306-1352 (C) Semester 2

LING 307 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: LING 201 or LING 207 or LING 211 or LING 215

LING307-1351 (C) Semester 1

LING 308 Word Meaning

30 Points 0.2500 EFTS

Not offered in 2013

This course provides a practical and theoretical introduction to the study of word meanings in natural language.

P: Any 30 points in LING at 200-level.

LING 309 Topics in Morphology and Word Formation

30 Points 0.2500 EFTS

Not offered in 2013

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: LING 201 or LING 206 or LING 211 or LING 216 or LING 217

LING 310 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: LING 206 or LING 207 or any two of LING 215-LING 217

LING310-1352 (C) Semester 2

ARTS 395 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: Special application and interview, with permission of Internship Director.

RP: Students should attend UC Careers CV writing and Interview skills workshops prior to submitting internship application.

ARTS395-13S1 (C) Semester 1

ARTS395-13A (C) Starts Any time

ARTS395-13S2 (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 www.arts.canterbury.ac.nz/internship 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.

LING 401 Morphology and Phonology
0.2500 EFTS

Not offered in 2013

Current issues in morphological and phonological theory.

P: Subject to approval of the Programme Director.

LING 402 Lexical Theory
0.2500 EFTS

Not offered in 2013

The organisation of the mental lexicon, especially in relation to phrasal lexical items such as idioms and formulae.

P: Subject to approval of the Programme Director.

LING 403 Syntactic Theory
0.2500 EFTS

Current issues in generative syntax.

P: Subject to approval of the Programme Director.

LING403-13W (C) Whole Year (S1 and S2)

LING 404 Pragmatics
0.2500 EFTS

Not offered in 2013

The interaction between grammatical structure and the use of language in specific contexts, including issues of information structure and of how extralinguistic knowledge is applied in language processing.

P: Subject to approval of the Programme Director.

LING 405 Historical Linguistics
0.2500 EFTS

Not offered in 2013

Issues in language change, and their implications for grammatical theory and sociolinguistics.

P: Subject to approval of the Programme Director.

LING 406 Universals and Typology
0.2500 EFTS

Not offered in 2013

Comparison of languages in respect of word order, case, agreement, relative clause formation, transitivity and noun incorporation, and implications for grammatical theory.

P: Subject to approval of the Programme Director.

LING 407 Field Methods
0.2500 EFTS

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 Programme Director.

LING407-13W (C) Whole Year (S1 and S2)

LING 408 Origins and Evolution of Language
0.2500 EFTS

Not offered in 2013

An introduction to the kinds of evidence that are currently being brought to bear on the issue of how human language originated and evolved. Areas from which evidence is considered include linguistics, psychology, anthropology, neurobiology and primatology

P: Subject to approval of the Programme Director.

LING 409 Verbs and Events
0.2500 EFTS

Not offered in 2013

An introduction to current research and theory construction on verb meanings, with particular emphasis on the syntax-semantics interface, argument structure, event structure and lexical entries.

P: Subject to approval of the Programme Director.

LING 410 Variation Theory
0.2500 EFTS

Advanced study of aspects of the use of language in social contexts.

P: Subject to approval of the Programme Director.

LING410-13W (C) Whole Year (S1 and S2)

LING 411 Special Topic
0.2500 EFTS

P: Subject to approval of the Programme Director.

LING411-13W (C) Whole Year (S1 and S2)

LING 412 Sociophonetics
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 Programme Director.
LING412-13W (C) Whole Year (S1 and S2)

LING 415 Independent Course of Study
 0.2500 EFTS

P: Subject to the approval of the Head of Department.
LING415-13W (C) Whole Year (S1 and S2)

LING 416 Special Topic
 0.2500 EFTS

P: Subject to approval of the Programme Coordinator.
LING416-13W (C) Whole Year (S1 and S2)

LING 480 Research Essay
 0.2500 EFTS

P: Subject to approval of the Programme Director.
LING480-13W (C) Whole Year (S1 and S2)

LING 690 MA Thesis
 1.0000 EFTS

P: Subject to approval of the Programme Director.
LING690-13A (C) Starts Any time
Part-time enrolment (0.65 EFTS) is available on approval.

LING 790 Linguistics PhD
 1.0000 EFTS

P: Subject to approval of the Head of School.
LING790-13A (C) Starts Any time
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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

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) MGMT 100 or MGMT 101; (2) An additional 15 points at 100-level MGMT or MSCI or MKTG or STAT
 R: MGMT 201, MGMT 216, BSAD 201
 EQ: MGMT 216
MGMT206-13S1 (C) Semester 1

MGMT 207 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) MGMT 100 or MGMT 101; (2) An additional 15 points at 100-level MGMT, MKTG, MSCI or STAT
MGMT207-13S1 (C) Semester 1

MGMT 208 Principles of Leadership
 15 Points 0.1250 EFTS

This course takes a holistic look at managerial leadership. It examines the tasks and skills of leadership with a particular focus on the emerging discipline of positive leadership. It then explores the personal foundations of emotionality, alignment and character required to perform effectively as a leader.

P: (1) MGMT 100 or MGMT 101; (2) An additional 15 points 100-level MGMT or MKTG or MSCI or STAT
MGMT208-13S2 (C) Semester 2

MGMT 209 Organisation: Structures and Processes
 15 Points 0.1250 EFTS

Not offered in 2013
 Organisations are the basic building blocks of economy and society. In this course, we study the options available to managers with respect to designing and managing appropriate organisational structures and procedures.

P: MGMT 100 or MGMT 101; (2) An additional 15 points at 100-level from MGMT, MKTG, MSCI or STAT

MGMT 221 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

Management

Department of Management

MGMT 100 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: MGMT 101
MGMT100-13S1 (C) Semester 1
MGMT100-13S2 (C) Semester 2

MGMT 206 Organisational Behaviour
 15 Points 0.1250 EFTS

This course provides an introduction to the study of individual and group behaviour in organisations. The

contemporary business management and the role of the business owner or executive manager

P: MGMT 100; 30 additional points from ECON, MGMT, MKTG, MSCI
R: MGMT 220

MGMT221-13S1 (C) Semester 1

MGMT 222 Foreign Environments for Enterprise

15 Points 0.1250 EFTS

Not offered in 2013

An introduction to foreign business environments and factors that determine operational success in differing international cultural environments; and the application of appreciative inquiry for the management of internationalisation from a New Zealand base.

P: MGMT 100; 30 additional points from ECON, MGMT, MKTG, MSCI
R: MGMT 220

MGMT 228 Chinese Business Practices and Culture (study tour)

15 Points 0.1250 EFTS

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: 120 points from any schedule including 30 points from the Commerce subject schedule

MGMT228-12SU2 (C) Summer (Nov 12)

Limited entry. See limitation of entry regulations.

MGMT 230 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 in ACCT, ACIS, ECON, MGMT, MKTG, MSCI, PSYC, SOCI or other social science approved by the Head of Department of Management or Accounting and Information Systems.

R: MKTG 230
EQ: MKTG 230

MGMT230-13S1 (C) Semester 1

MGMT 240 Business Communication for the Global Age

15 Points 0.1250 EFTS

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: MGMT 100 or MGMT 101.
RP: MGMT 206

MGMT240-13S2 (C) Semester 2

MGMT 270 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) MSCI 101 or MGMT 100 or MGMT 101 (2) MSCI 110 or 15 points STAT
R: MSCI 270, MSCI 220
EQ: MSCI 270

MGMT270-13S1 (C) Semester 1

MGMT 271 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) MSCI 101 or MGMT 100 or MGMT 101 (2) MSCI 110 or 15 points STAT.
R: MSCI 221, MSCI 271
RP: MSCI 270 or MGMT 270
EQ: MSCI 271

MGMT271-13S2 (C) Semester 2

MGMT 280 Statistical Methods for Management

15 Points 0.1250 EFTS

This course focuses on the appropriate use of commonly used multivariate statistical techniques to analyse data to inform management. Multiple regression analysis is covered at some length. Other topics include correlation, analysis of variance and discriminant analysis. Students use a commercial statistical package, SPSS, throughout the course. Interpretation, reporting and critical reflection of the results for management are emphasized. The contribution of each analysis to understanding a business situation is identified. The concept of a statistical model is introduced. This is a required course for majors in Marketing and Management Science and Operations Management.

P: (1) MSCI 110 or 15 points STAT (2) 15 points of MSCI or MGMT or MKTG or MATH
R: MSCI 210, MSCI 280, MKTG 280
EQ: MSCI 280, MKTG 280

MGMT280-13S1 (C) Semester 1

MGMT 301 Leading Change & 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: MGMT 206, MGMT 207

R: MGMT 315, BSAD 315

MGMT301-13S1 (C) Semester 1

MGMT 303 Managing Employment

15 Points 0.1250 EFTS

This course provides an overview of managing employment relations, a core element of Human Resource Management (HRM). The course examines the implications of employment legislation and contracts, as well as managing the relationships between employers, employees and representatives.

P: (1) Any 45 points of 200-level MGMT, or (2) LAWS 101 and LAWS 110

MGMT303-13S2 (C) Semester 2

MGMT 304 Diversity in Organisations

15 Points 0.1250 EFTS

Not offered in 2013

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: (1) MGMT 206, MGMT 207; (2) MGMT 208 or MGMT 209

MGMT 308 Applied Human Resource Management

15 Points 0.1250 EFTS

This course focuses on the application of human resource management strategies and practices in real settings. Attention is also given to the role of human resource planning and approaches to strategic human resource management.

P: MGMT 206, MGMT 207

R: BSAD 311, BSAD 307, MGMT 307

MGMT308-13S2 (C) Semester 2

MGMT 309 Spirituality in the Workplace

15 Points 0.1250 EFTS

Not offered in 2013

This course is concerned with the influence of spirituality on work behaviour. It investigates spirituality from an individual, organisational and leadership perspective.

P: MGMT 206, MGMT 207, MGMT 208

MGMT 320 Strategic Management

30 Points 0.2500 EFTS

Strategic management is a purposeful endeavour concerned with long-term direction and performance for a firm or organisation. The course involves students in presenting analysis and proposing solutions to strategy issues in major New Zealand and international businesses. Course content

includes strategic analysis, business and corporate strategy, and strategy implementation.

P: (1) ACCT 102 or ACIS 102 (2) 45 points of 200-level MGMT, MKTG or MSCI (or 30 points of 200-level MGMT, MKTG or MSCI and 15 points of 200-level ECON)

R: BSAD 304, BSAD 314, MGMT 314

MGMT320-13S1 (C) Semester 1

MGMT 321 Entrepreneurship and Small Business Development

30 Points 0.2500 EFTS

This course is concerned with the nature of entrepreneurs; the entrepreneurial process; and the development and growth of small and medium-sized businesses.

P: (1) ACCT 102 or ACIS 102 (2) 45 points of 200-level MGMT, MKTG or MSCI (or 30 points of 200-level MGMT, MKTG or MSCI and 15 points of 200-level ECON)

R: BSAD 305, BSAD 314

MGMT321-13S2 (C) Semester 2

MGMT 323 Professional Internship in Strategic Management

30 Points 0.2500 EFTS

The objective of this course is to expose students to real life challenges in Strategic Management by addressing a defined business problem on-site in a business or organisation. This will reinforce and develop knowledge from strategic management courses by providing real-life experience of analysing situations, identifying issues and applying theory.

P: Application to Department.

C: 30 points from MGMT 320-MGMT 321

MGMT323-12SU2 (C) Summer (Nov 12)

MGMT323-13A (C) Starts Any time

Limited entry. See limitation of entry regulations.

MGMT 324 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: MGMT 220 or MGMT 221

MGMT324-13S1 (C) Semester 1

MGMT 330 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

MGMT330-1352 (C) Semester 2**MGMT 331 Human Resource Development - Principles and Practices**

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: (1) MGMT 206, MGMT 207; (2) MGMT 208 OR MGMT 209

MGMT331-1351 (C) Semester 1**MGMT 332 International Management**

15 Points 0.1250 EFTS

This course deals with management aspects of starting and operating businesses in an international context. 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 or MGMT 220

MGMT332-1352 (C) Semester 2**MGMT 333 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: MGMT 230 and 30 points from MGMT at 200-level.

RP: Other essay-based courses

MGMT333-1351 (C) Semester 1**MGMT 334 Negotiation for Business**

15 Points 0.1250 EFTS

Not offered in 2013

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: Either (a) 45 points at 200-level in ACCT, ACIS, ECON, MGMT, MKTG, MSCI; OR (b) (i) LAWS 101; and (ii) LAWS 110; OR (c) 45 points at 200-level in a subject approved by the Head of Department of Management

MGMT 339 Professional Internship in Human Resource Management

30 Points 0.2500 EFTS

P: 30 points from MGMT 301-309 and MGMT 330-338 plus application.

C: 30 points from MGMT 301-309 and MGMT 330-338

MGMT339-125U2 (C) Summer (Nov 12)*Limited entry. See limitation of entry regulations.***MGMT 370 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) MSCI 220 or MSCI 270 or MGMT 270; (2) 22 points 200-level from MSCI, MGMT, ACIS or AFIS.

R: MSCI 320, MSCI 370

RP: MSCI 221 or MSCI 271 or MGMT 271

EQ: MSCI 370

MGMT370-1351 (C) Semester 1**MGMT 371 Materials, Logistics and Supply Chain Management**

15 Points 0.1250 EFTS

Materials, Supply Chain and Logistics management principles and approaches. Long-term, medium-term, and short-term planning and control methods. This course focuses on inventory management through the supply chain. A mainstream course for Operations Management majors.

P: (1) one of MSCI 220 or MSCI 270 or MGMT 270 and

(2) one of MSCI 221 or MSCI 271 or MGMT 271

R: MSCI 321, MSCI 371

EQ: MSCI 371

MGMT371-1351 (C) Semester 1**MGMT 372 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: (1) (MSCI 220 or MSCI 270 or MGMT 270) and (MSCI 221 or MSCI 271 or MGMT 271) and 15 points from Commerce; Or (2) 88 points at 200-level from Commerce, Science or Engineering

R: MSCI 322, MSCI 324, MSCI 372, INFO 313, ACIS 313

EQ: MSCI 372

MGMT372-1352 (C) Semester 2**MGMT 373 Quality Management**

15 Points 0.1250 EFTS

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) MSCI 220 or MSCI 270 or MGMT 270; (2) MSCI 221 or MSCI 271 or MGMT 271
 R: MSCI 323, MSCI 373
 EQ: MSCI 373

MGMT373-13S2 (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.

MGMT 611 Strategic Human Resource Management

0.1250 EFTS

Not offered in 2013

This course examines current issues in strategic human resource management (SHRM) through readings, case studies and dialogue based on relevant theory and research in areas such as linking HRM to business performance, key general principles in managing people, and managing people in dynamic and complex situations such as today's global environment. In addition, students complete an independent study project approved by the instructor.

P: Subject to approval of the Head of Department.

R: MGMT 411
 EQ: MGMT 411

MGMT 612 Managing Conflict: Contemporary Employment Relations

0.1250 EFTS

This course explores employment-related conflict. This comprises (a) an overview of the legal framework and institutional arrangements, and (b) contemporary, social psychological perspectives of conflict, and the application of these in terms of developing practices and systems for managing employment relationships

P: Subject to approval of the Head of Department.

R: MGMT 412
 RP: 300-level courses in HRM and MGMT
 EQ: MGMT 412

MGMT612-13S2 (C) Semester 2

MGMT 616 Responsible Leadership

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: MGMT 416
 EQ: MGMT 416

MGMT616-13S1 (C) Semester 1

MGMT 617 Advanced Communication Management

0.1250 EFTS

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.

R: MGMT 475
 EQ: MGMT 475

MGMT617-13S2 (C) Semester 2

MGMT 620 Research Methods

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 Head of Department of Management.

R: MGMT 402; MGMT 414; MKTG 620

MGMT620-13S1 (C) Semester 1

MGMT 641 Entrepreneurship

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

R: MGMT 441
 EQ: MGMT 441

MGMT641-13S2 (C) Semester 2

MGMT 643 Advanced Strategic Management

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.

R: MGMT 443
 EQ: MGMT 443

MGMT643-13S1 (C) Semester 1

MGMT 644 International Business and Entrepreneurship

0.1250 EFTS

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.

MGMT644-13S2 (C) Semester 2

MGMT 680 Management Dissertation

0.2500 EFTS

A course where students complete a written dissertation based upon their research proposal developed in MGMT 620.

P: MGMT 620

R: MGMT 480

EQ: MGMT 480

MGMT680-13S2 (C) Semester 2

MGMT 695 MCom Thesis

1.0000 EFTS

P: Subject to approval of the Head of Department.

MGMT695-13A (C) Starts Any time

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

MGMT 790 Management PhD

1.0000 EFTS

P: Subject to approval of the Head of Department.

MGMT790-13A (C) Starts Any time

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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Management Science

Department of Management

MSCI 101 Management Science

15 Points

0.1250 EFTS

An introduction to operations research and operations management for problem solving in a management context, including the process of building and using mathematical and spreadsheet models. Introduces project/event management, linear programming and simulation. It also deals with identifying costs, decision making over time and uncertainty issues. The course develops spreadsheet skills; an invaluable tool for modern business.

R: MSCI 102, MSCI 112

MSCI101-13S2 (C) Semester 2

MSCI 110 Quantitative Methods for Business

15 Points

0.1250 EFTS

Designed specifically for students in Commerce, this course enables students to learn and understand important concepts in statistics through applications in business and every-day life. Using a mastery learning approach, it also develops students' mathematical skills and confidence, and competence in the use of Excel. Students may work at their

own pace to complete the course independently of the class, providing deadlines are met.

R: STAT 111, STAT 112, STAT 101

MSCI110-13S1 (C) Semester 1

MSCI 201 Planning Methods for Management

15 Points

0.1250 EFTS

An overview of methods and models managers use to aid planning and provide insights for planning and decision-making. Excel spreadsheet models and analysis of these models are used to support and develop managerial intuition. The planning methods covered include: decision analysis for decision-making under uncertainty, models for money management and inventory planning over time, and sensitivity analysis using spreadsheets. Optimisation and heuristics as planning tools are introduced.

P: 15 points of MSCI, STAT or MATH.

R: MSCI 204

RP: MSCI 101, MGMT 100

MSCI201-13S1 (C) Semester 1

MSCI 270 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) MSCI 101 or MGMT 100 or MGMT 101 (2) MSCI 110 or

15 points STAT

R: MSCI 220, MGMT 270

EQ: MGMT 270

MSCI270-13S1 (C) Semester 1

MSCI 271 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) MSCI 101 or MGMT 100 or MGMT 101 (2) MSCI 110 or

15 points STAT.

R: MSCI 221, MGMT 271

RP: MGMT 270 or MSCI 270

EQ: MGMT 271

MSCI271-13S2 (C) Semester 2

MSCI 280 Statistical Methods for Management

15 Points

0.1250 EFTS

This course focuses on the appropriate use of commonly used multivariate statistical techniques to analyse data

to inform management. Multiple regression analysis is covered at some length. Other topics include correlation, analysis of variance and discriminant analysis. Students use a commercial statistical package, SPSS, throughout the course. Interpretation, reporting and critical reflection of the results for management are emphasized. The contribution of each analysis to understanding a business situation is identified. The concept of a statistical model is introduced. This is a required course for majors in Marketing and Management Science and Operations Management.

P: (1) MSCI 110 or 15 points STAT (2) 15 points of MSCI or MGMT or MATH or MKTG

R: MSCI 210, MGMT 280, MKTG 280

EQ: MGMT 280, MKTG 280

MSCI280-13S1 (C) Semester 1

MSCI 340 Special Topic

15 Points 0.1250 EFTS

Not offered in 2013

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

MSCI 370 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) MSCI 220 or MSCI 270 or MGMT 270; (2) 22 points 200-level from MSCI, MGMT, ACIS or AFIS.

R: MSCI 320, MGMT 370

RP: MSCI 221 or MSCI 271 or MGMT 271

EQ: MGMT 370

MSCI370-13S1 (C) Semester 1

MSCI 371 Materials, Logistics and Supply Chain Management

15 Points 0.1250 EFTS

Materials, Supply Chain and Logistics management principles and approaches. Long-term, medium-term, and short-term planning and control methods. This course focuses on inventory management through the supply chain. A mainstream course for Operations Management majors.

P: (1) MSCI 220 or MSCI 270 or MGMT 270; (2) MSCI 221 or MSCI 271 or MGMT 271

R: MSCI 321, MGMT 371

EQ: MGMT 371

MSCI371-13S1 (C) Semester 1

MSCI 372 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: (1) (MSCI 220 or MSCI 270 or MGMT 270), (MSCI 221 or MSCI 271 or MGMT 271) and 22 points from Commerce;

or (2) 88 points at 200-level from Commerce, Science or Engineering.

R: MSCI 322, MSCI 324, MGMT 372, AFIS 313, ACIS 313, INFO 313

EQ: MGMT 372

MSCI372-13S2 (C) Semester 2

MSCI 373 Quality Management

15 Points 0.1250 EFTS

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) MSCI 220 or MSCI 270 or MGMT 270; (2) MSCI 221 or MSCI 271 or MGMT 271

R: MSCI 323, MGMT 373

EQ: MGMT 373

MSCI373-13S2 (C) Semester 2

ARTS 395 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: Special application and interview, with permission of Internship Director.

RP: Students should attend UC Careers CV writing and Interview skills workshops prior to submitting internship application.

ARTS395-13S1 (C) Semester 1

ARTS395-13A (C) Starts Any time

ARTS395-13S2 (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 www.arts.canterbury.ac.nz/internship 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.

MSCI 601 Advanced Optimisation

0.2500 EFTS

Not offered in 2013

The theory and implementation of advanced optimisation techniques are examined.

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

MSCI 602 Advanced Stochastic Models
0.2500 EFTS**Not offered in 2013**

The use of stochastic models in operations research modelling is examined.

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

MSCI 603 Management Science Applications
0.2500 EFTS**Not offered in 2013**

Different applications of Management Science are examined.

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

MSCI 604 Special Topic
0.2500 EFTS

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

MSCI604-13W (C) Whole Year (S1 and S2)

MSCI 605 Special Topic
0.2500 EFTS

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

MSCI605-13W (C) Whole Year (S1 and S2)

MSCI 606 Special Topic
0.2500 EFTS

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

MSCI606-13W (C) Whole Year (S1 and S2)

MSCI 610 Special Topic
0.1250 EFTS

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

MSCI610-13W (C) Whole Year (S1 and S2)

MSCI 611 Special Topic
0.1250 EFTS

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

MSCI611-13W (C) Whole Year (S1 and S2)

MSCI 612 Special Topic
0.1250 EFTS

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

MSCI612-13W (C) Whole Year (S1 and S2)

MSCI 613 Special Topic
0.1250 EFTS

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

MSCI613-13W (C) Whole Year (S1 and S2)

MSCI 620 Special Topic
0.2500 EFTS**Not offered in 2013**

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

MSCI 621 Special Topic
0.2500 EFTS

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

MSCI621-13W (C) Whole Year (S1 and S2)

MSCI 622 Special Topic
0.2500 EFTS

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

MSCI622-13W (C) Whole Year (S1 and S2)

MSCI 680 Research Project
0.2500 EFTS**Not offered in 2013**

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

MSCI 690 MSc Thesis
1.0000 EFTS

P: Subject to approval of the Head of Department.

MSCI690-13A (C) Starts Any time

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

MSCI 695 MCom Thesis
1.0000 EFTS

P: Subject to approval of the Head of Department.

MSCI695-13A (C) Starts Any time

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

MSCI 790 Management Science PhD
1.0000 EFTS

P: Subject to approval of the Head of Department.

MSCI790-13A (C) Starts Any time

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 Student 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

MAOR 107 Aotearoa: Introduction to Traditional Māori Society

15 Points 0.1250 EFTS

A comprehensive introduction to: the settlement of the Pacific, Polynesian navigation, star paths, renaissance of voyaging. Māori astronomy, new year stars. Creation myths, Skyfather, Earthmother, gods, origins of life and death. Demigods - Maui, Tawhaki, Whaitiri. Oral traditions, first arrivals, canoe ancestors, explorers, romance, sexual imagery, war. Spiritual beliefs, mana, tapu, makutu black magic witchcraft. Māori geography of New Zealand, greenstone trails, forest lore, pa and settlements, meeting houses, sacred rituals and protocols. Social structure, tribal organisation, leadership, marriage, sex, death. Fortifications, warfare, weapons, canoes, cannibalism. Wood, bone,

greenstone carving, tattoo and moko. Performing arts, haka, contemporary themes. Ngai Tahu traditions.

R: PACS 102

EQ: PACS 102

MAOR107-13S1 (C)

Semester 1

MAOR 108 Aotearoa: Introduction to New Zealand Treaty Society

15 Points 0.1250 EFTS

Beginning with the Treaty of Waitangi, this paper looks at significant events and issues in the shaping of contemporary New Zealand society. Topics include: Colonisation: arrival of Europeans, Musket Wars, Treaty of Waitangi, alienation of land, NZ Wars, population decimation. 20th Century Recovery: Price of Citizenship, Māori Battalion, assimilation, racism. Renaissance: urbanisation, activism, Waitangi Tribunal. Revitalisation of culture: language, kapa haka, education, health, business, radio, television, film, sport. Current issues: Treaty settlements, tribal development, leadership, self-determination, indigenous human rights, biculturalism, multi-culturalism and identity

R: MAOR 113 (prior to 2006)

MAOR108-13S2 (C)

Semester 2

MAOR 114 Mahi-a-Ringa: Introducing Traditional Material Culture

15 Points 0.1250 EFTS

This course focuses on traditional material culture, including weaving (raranga), cordage (taura), fire making, working with stone to make adzes and tools, hand made musical instruments, bone carving, wood carving, and the use of plants as traditional medicines. Students will learn customary protocols, guardianship and respect for knowledge and taonga (treasures) and undertake practical work, library based research, and work with taonga such as cloaks, nets, personal and other artefacts in the Canterbury Museum. Other topics are included depending on available expertise.

R: ARTH 108

EQ: ARTH 108

MAOR114-13S1 (C)

Semester 1

Limited entry. See limitation of entry regulations.

MAOR 165 He Timatanga: Engaging with Māori

15 Points 0.1250 EFTS

This course provides a comprehensive introductory range of skills and understandings to people who may work, research or otherwise engage with Māori communities. Topics include: basic Māori language including pronunciation, greetings, introducing oneself and asking questions; formal and informal marae protocols and customs; traditional and contemporary values and beliefs, social rankings, structures and organizations; the Treaty of Waitangi; the practical application of the Principles of the Treaty.

MAOR165-12SU2 (C)

Summer (Nov 12)

MAOR 172 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: SCIM 101

EQ: SCIM 101

MAOR172-13S2 (C)

Semester 2

MAOR 177 Special Topic

15 Points 0.1250 EFTS

Not offered in 2013

MAOR 212 Māori and Indigenous Development

15 Points 0.1250 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 15 points in 100-level course in Aotahi: School of Māori and Indigenous Studies or 30 points in 100-level courses in Arts, Education, Fine Arts, Music and Social Work, or by permission of the Head of School.

R: HIST 262, HIST 379

EQ: HIST 262

MAOR212-13S1 (C)

Semester 1

MAOR 214 Te Ao Tawhito: The Ancient Māori World

15 Points 0.1250 EFTS

Ancient Māori history and culture, including: Origins of the Māori, Archaeology of the Pacific and Aotearoa. Oral Traditions - deconstructing the Great Fleet myth. Social life, courtship, marriage, birth and death practices; sexual symbolism in culture, tradition and song; work, play and sports - ki-o-rahi. Conservation: natural lore of land, ocean, flora, fauna, taniwha and supernatural beings, kaitiakitanga and resource management. Economy: kumara, fernroot, fishing, hunting, fowling, feasting and exchange. First encounters with Pakeha. Students will have the opportunity to research a topic of their choice.

P: Any 15 points in 100-level course in Aotahi: School of Māori and Indigenous Studies or 30 points in 100-level courses in Arts, Education, Fine Arts, Music and Social Work, or by permission of the Head of School.

R: HIST 259

EQ: HIST 259

MAOR214-13S2 (C)

Semester 2

MAOR 219 Te Tiriti: The Treaty of Waitangi

15 Points 0.1250 EFTS

A multi-disciplinary approach to the Treaty including: origins of British policy, did the Treaty cede sovereignty in 1840, alienation of land, marginalisation of Māori society, radical protest, Waitangi Tribunal, Office of Treaty Settlements; UN policy on the settlement of indigenous claims, comparative histories in Africa, Australia, Canada and the United States; Sealords, Tainui, Ngai Tahu and other settlements; Principles of the Treaty in education, health, television and public policy; current issues, foreshore and seabed, resources, airwaves, waterways, Māori seats, race relations, one law for all.

P: Any 15 points in 100-level course in Aotahi: School of Māori and Indigenous Studies or or 30 points in 100-level courses in Arts, Education, Fine Arts, Music and Social Work, or by permission of the Head of School.

R: POLS 218, POLS 258, HIST 268, SOCI 209, HSRV 207

EQ: HIST 268, SOCI 209, POLS 258, HSRV 207

MAOR219-1351 (C) Semester 1**MAOR 220 Māori and Indigenous Language Revitalisation**

15 Points 0.1250 EFTS

Not offered in 2013

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: Any 15 points in 100-level course in Aotahi: School of Māori and Indigenous Studies or or 30 points in 100-level courses in Arts, Education, Fine Arts, Music and Social Work, or by permission of the Head of School.

R: TREO 220. LING 209

EQ: TREO 220. LING 209

MAOR 224 Special Topic: Taonga: Māori Material Culture

15 Points 0.1250 EFTS

Not offered in 2013

Intermediate level projects paper researching Māori artefacts and material culture. Includes: recovery of knowledge, traditions and practices; emphasis on skilled work with stone, bone, wood, shell, fibre and feathers. Enrolling students must have a B+ grade average. They are expected to see the Undergraduate Coordinator, find a staff member in the School to supervise their project and submit a two page proposal by February 1st in the year of enrolment. This will count as part of their course work. Successful students are invited to make a short presentation in the School's annual Matariki Research Seminar Series.

P: A pass in MAOR 114/ARTH 108 or any 30 points in 100-level courses in Arts, Education, Fine Arts, Music and Social Work, with a B+ average. Students are expected to see the Undergraduate Coordinator, find a staff member to supervise their project and submit a two page proposal by February 1st in the year of enrolment. This will count as part of their course work.

MAOR 225 Toi Māori - Māori art

15 Points 0.1250 EFTS

This course documents the influence of new ideas, and changing perceptions of identity, on contemporary examples of Māori and Indigenous art. These examples are discussed within their political and spiritual contexts.

P: 15 points at 100-level Art History and Theory or Māori and Indigenous Studies and 15 points for any Humanities/Social Science Faculty course.

R: ARTH 204

EQ: ARTH 204

MAOR225-1352 (C) Semester 2**MAOR 230 Ethnicity and History**

15 Points 0.1250 EFTS

This course provides a critical introduction to the historical and anthropological study of ethnicity, race and migration, with a particular emphasis on New Zealand.

P: Any 15 points in 100-level course in Aotahi: School of Māori and Indigenous Studies or or 30 points in 100-level courses in Arts, Education, Fine Arts, Music and Social Work, or by permission of the Head of School.

R: ANTH 223, HIST 283, PACS 204, SOCI 223, SOCI 323

EQ: ANTH 223, HIST 283, PACS 204, SOCI 223

MAOR230-1352 (C) Semester 2**MAOR 268 Kiriata: Māori and Indigenous Film**

15 Points 0.1250 EFTS

This paper examines 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 and documentary such as Dark Savage, Noble Savage, representation of the 'Other', neo-liberalism, renaissance and cultural nationalism. Films: Rewi's Last Stand, Utu, Mauri, Once Were Warriors, Whale Rider, River Queen, Children of the Rain, Apocalpyto, King Kong, Atarnajuat. Documentaries: Patu, New Zealand Wars, Mana Wahine, Ross Kemp's Mongrel Mob.

P: Any 15 points in 100-level course in Aotahi: School of Māori and Indigenous Studies or or 30 points in 100-level courses in Arts, Education, Fine Arts, Music and Social Work, or by permission of the Head of School.

R: CINE 213

EQ: CINE 213

MAOR268-1351 (C) Semester 1**MAOR 270 Special Topic: 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.

P: Any 15 points in 100-level course in Aotahi: School of Māori and Indigenous Studies or or 30 points in 100-level courses in Arts, Education, Fine Arts, Music and Social Work, or by permission of the Head of School.

MAOR270-1352 (C) Semester 2

MAOR 271 Special Topic

15 Points

0.1250 EFTS

Not offered in 2013

P: Any 15 points in 100-level courses in Aotahi: School of Māori and Indigenous Studies or 30 points in 100-level courses in Arts, Education, Fine Arts, Music and Social Work, or by permission of the Head of School.

MAOR 277 Special Topic

15 Points

0.1250 EFTS

Not offered in 2013

P: Any 15 points in 100-level courses in Aotahi: School of Māori and Indigenous Studies or 30 points in 100-level courses in Arts, Education, Fine Arts, Music and Social Work, or by permission of the Head of School.

MAOR 282 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, motetea (traditional song), poi (ball dance), waiata a-ringa (action song), haka and the art of warfare, mau rakau (weaponry - ti rakau, titi torea, hapai 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, Ruaumoko, E rere te ao, Ka eke ki Wairaka.

P: Any 15 points in 100-level course in Aotahi: School of Māori and Indigenous Studies or or 30 points in 100-level courses in Arts, Education, Fine Arts, Music and Social Work, or by permission of the Head of School.

R: TREO 282, MAOR 265, MAOR 382, TREO 382

EQ: TREO 282

MAOR282-1352 (C)

Semester 2

MAOR 285 Oral Traditions and Modern Histories of Ngai Tahu

15 Points

0.1250 EFTS

Not offered in 2013

The story of Ngai 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 Ngai 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 Ngai 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 Ngai Tahu and the Crown negotiated on the largest Treaty settlement packages in the nation's history.

P: Any 15 points in Māori and Indigenous Studies or their double-coded equivalents or any 15 points in HIST or Ancient History or POLS or RELS or SOCI. Students without these prerequisites but with 60 points in appropriate courses may enter the course with the approval of the Head of Department.

R: HIST 292

EQ: HIST 292

MAOR 301 Kaupapa Māori: Contemporary Issues in Māori and Indigenous Societies

30 Points

0.2500 EFTS

Current political, social and cultural issues in Māori and indigenous societies, including the Report on the UN Special Rapporteur, UNCERD and CANZUS not signing the UN Declaration on the Rights of Indigenous People (2007); self-determination - Māori Council vs Māori Congress, Tribal vs Urban Authorities; post-settlement tribal organisations: Tainui and Ngai Tahu; Principles of the Treaty, Māori and Pakeha aspirations for Māori in government policy; political representation, the Māori seats and the role of the Māori Party; Māori TV, the Foreshore and Seabed, the Warrior Gene debate, terrorism, child abuse, health, do Māori fail in education or does education fail Māori? Students will be able to study an issue of their choosing.

P: Any 15 points in 200-level courses in Aotahi: School of Māori and Indigenous Studies or 30 points in 200-level courses in Arts, Education, Fine Arts, Music and/or Social Work, or by permission of the Head of School.

R: POLS 331, POLS 358

EQ: POLS 331 and POLS 358

MAOR301-1352 (C)

Semester 2

MAOR 317 Takahi: Colonisation

30 Points

0.2500 EFTS

This course focuses on understanding colonisation and its impact on Māori and other indigenous societies. Topics include: initial contact; disease; missionaries, God vs Gods; "guns and sex", musket wars vs traditional taua, wars with indigenous peoples; sovereignty, settler governments vs Kingitanga and Kotahitanga; changes in education, economics and social life; leaders, rebels, fugitives, prophets, pacifists and kupapa; assimilation and institutionalisation; resistance and political movements; dependence and welfare; the psychological and emotional violence of colonialism and dispossession. Comparative histories North America, Trail of Tears, Wounded Knee; Australia, Stolen Generations, Deaths in Custody.

P: Any 15 points in 200-level courses in Aotahi: School of Māori and Indigenous Studies or 30 points in 200-level courses in Arts, Education, Fine Arts, Music and/or Social Work, or by permission of the Head of School.

R: RELS 322, HIST 366, CULT 302

EQ: CULT 302, HIST 366, RELS 322

MAOR317-1352 (C)

Semester 2

MAOR 323 Research Essay

30 Points

0.2500 EFTS

Advanced level 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 the Undergraduate Coordinator, find a staff member in the School to supervise their project and submit a two page proposal by February 1st of the year of enrolment. This will count as part of their course work. Successful students are invited to make a short presentation in the School's annual Matariki Research Seminar Series.

P: Any 15 points in 200-level courses in Aotahi: School of Māori and Indigenous Studies or any 30 points in 200-level courses in Arts, Education, Fine Arts, Music and/or Social Work with a B+ grade average. Students are expected to see the Undergraduate Coordinator, find a staff member in the School to supervise their project and submit a two page proposal by February 1st of the year of enrolment. This will count as part of their course work.

R: MAOR 321

MAOR323-13W (C)

Whole Year (S1 and S2)

MAOR 324 Politics of Race and Ethnicity

30 Points

0.2500 EFTS

This course will examine controversial political ideologies that invoke ethnicity. These ideologies include Social Darwinism, nationalism, and socio-biology. Some of these ideologies have been associated with extreme racial politics while others, such as J.S. Mill's Nationalism, are compatible with conventional liberal values. This course is primarily designed to be useful to political theory students but it will also be valuable for students from other social and political sciences or from the humanities. The course material will include some 'classic' sources such as writings by J.S. Mill and Charles Darwin, but will mostly be drawn from current literature.

P: Any 15 points in Māori and Indigenous Studies at 200-level or their double-coded equivalents or 15 points at 200-level POLS. Students without these prerequisites but with 60 points in appropriate courses may enter the course with the approval of the Head of School.

R: POLS 312

EQ: POLS 312

MAOR324-13S1 (C)

Semester 1

MAOR 329 Myth and History

30 Points

0.2500 EFTS

Not offered in 2013

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 in 200-level courses in Aotahi: School of Māori and Indigenous Studies or 30 points in 200-level courses in Arts, Education, Fine Arts, Music and/or Social Work, or by permission of the Head of School.

R: HIST 276, HIST 353

EQ: HIST 353

MAOR 334 Special Topic: Taonga: Māori Material Culture

30 Points

0.2500 EFTS

Not offered in 2013

Advanced level projects paper researching Māori artefacts and material culture. Includes: recovery of knowledge, traditions and practices; emphasis on advanced skilled work with stone, bone, wood, shell, fibre and feathers. Enrolling students must have a B+ grade average. They are expected to see the Undergraduate Coordinator, find a staff member in the School to supervise their project and submit a two page proposal by July 1 in the year of enrolment. This will count as part of their course work. Successful students are invited to make a short presentation in the School's annual Matariki Research Seminar Series.

P: A pass in MAOR 224 or any 30 points in 200-level courses in Arts, Education, Fine Arts, Music and/or Social Work, with a B+ grade average. Students are expected to see the Undergraduate Coordinator, find a staff member in the School to supervise their project and submit a two page proposal by July 1 in the year of enrolment. This will count as part of their course work.

MAOR 365 Mana Wahine: Māori and Indigenous Women

30 Points

0.2500 EFTS

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 15 points in 200-level courses in Aotahi: School of Māori and Indigenous Studies or 30 points in 200-level courses in Arts, Education, Fine Arts, Music and/or Social Work, or by permission of the Head of School.

MAOR365-13S1 (C)

Semester 1

MAOR 370 Special Topic: Te Whaiora: Māori Health Promotion, Policy and Practice

30 Points

0.2500 EFTS

A critical examination of Māori health promotion, policy and practice as it relates to exploring Māori health development. The paper involves students exploring the various social and political nuances that impact on Māori seeking, living and leading healthy lifestyles.

P: Any 15 points in 200-level course in Aotahi: School of Māori and Indigenous Studies or 30 points in 200-level

courses in Arts, Education, Fine Arts, Music and Social Work, or by permission of the Head of School.

MAOR370-13S2 (C) Semester 2

MAOR 371 Special Topic

30 Points 0.2500 EFTS

Not offered in 2013

P: Any 15 points in 200-level courses in Aotahi: School of Māori and Indigenous Studies or 30 points in 200-level courses in Arts, Education, Fine Arts, Music and/or Social Work, or by permission of the Head of School.

MAOR 373 Whakaaro Wairua: Māori Spiritual Beliefs and Philosophies

30 Points 0.2500 EFTS

Māori wairuatanga (spirituality) from beginnings to the present day. Topics include: theory of religion and theology, origins in ancestral Polynesian religion, pre-European Māori religion and spiritual beliefs - tapu, mana, mauri, manaaki, kotahitanga, whānauangata, ihi, wehi, tinana, wairua, hinengaro, creation myths, Rangi Skyfather, Papa Earthmother, gods, tohungatanga, wananga, the impact of colonisation and Christianity, Io, 19th century prophet movements, the Tohunga Suppression Act and the renaissance of Māori religion, spirituality and practice today.

P: Any 15 points in 200-level courses in Aotahi: School of Māori and Indigenous Studies or 30 points in 200-level courses in Arts, Education, Fine Arts, Music and/or Social Work, or by permission of the Head of School.

R: MAOR 417

MAOR373-13S1 (C) Semester 1

MAOR 377 Special Topic

30 Points 0.2500 EFTS

Not offered in 2013

P: Any 15 points in 200-level courses in Aotahi: School of Māori and Indigenous Studies or 30 points in 200-level courses in Arts, Education, Fine Arts, Music and/or Social Work, or by permission of the Head of School.

MAOR 382 Mahi-a-Rehia: Advanced Māori Performing Arts

30 Points 0.2500 EFTS

Not offered in 2013

Designed for experienced performers, this course explores advanced elements of moteatea, waiata a-riinga, poi, haka, mau rakau. New material includes taonga puoro (purerehua, hue, putatara, pukaea, koauau and putorino), kakahu (costume), te whare tapere (performance space), drama and theatre, and Polynesian performing arts (Hawaii, Tahiti). Students learn ancient, historical and sacred classic tribal anthems including: Ka riro ra Pou, Wairangi, Te tau o Mataatua, Hei te po, Mangumangu taipo, Pinepine te kura, Ka eke ki Wiwi, Poia Taku Poi and Kura tiwaka. Students are taught composition, texts and the poetry, imagery and symbolism of song and compose a short original waiata.

P: Any 15 points in 200-level courses in Aotahi: School of Māori and Indigenous Studies or 30 points in 200-level

courses in Arts, Education, Fine Arts, Music and/or Social Work, or by permission of the Head of School.

R: TREQ 382

EQ: TREQ 382

MAOR 390 Independent 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. Students are expected to see the Undergraduate Coordinator, find a staff member in the School to supervise their project and submit a two page proposal by November 1 of the year of enrolment. This will count as part of their course work. Successful students are invited to make a short presentation in the School's annual Matariki Research Seminar Series.

P: Any 15 points in 200-level courses in Aotahi: School of Māori and Indigenous Studies or any 30 points in 200-level courses in Arts, Education, Fine Arts, Music and/or Social Work with a B+ average. Students are expected to see the Undergraduate Coordinator, find a staff member in the School to supervise their project and submit a two page proposal by November 1 of the year of enrolment. This will count as part of their course work.

MAOR390-12SU2 (C) Summer (Nov 12)

MAOR390-13S1 (C) Semester 1

ARTS 395 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: Special application and interview, with permission of Internship Director.

RP: Students should attend UC Careers CV writing and Interview skills workshops prior to submitting internship application.

ARTS395-13S1 (C) Semester 1

ARTS395-13A (C) Starts Any time

ARTS395-13S2 (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 www.arts.canterbury.ac.nz/internship 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.

MAOR 401 Te Matakahi: Indigenous Critical Theory

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: Approval from Head of School.

MAOR401-13S1 (C) Semester 1

MAOR 402 Nga Take: Nga Tohetohe

0.2500 EFTS

Not offered in 2013
The critical and theoretical study and analysis of social, political, cultural and ideological issues for Māori and indigenous scholars.

P: Subject to approval of the Head of School.

R: MAOR 411

MAOR 403 Korero Nehera: Ancient History of the Māori

0.2500 EFTS

Not offered in 2013

The study and analysis of tribal mythology, theology, philosophy, spirituality, traditional history and culture in documents written or dictated by Māori ancestors as part of the John White's *Ancient History* of the Māori. Students will have the opportunity to study traditions from their own tribal regions.

P: Subject to approval of the Head of School.

R: MAOR 413

MAOR 404 Rangahau Taketake - Research Methodologies: Indigenous Disciplines

0.2500 EFTS

The course examines Māori and indigenous research methodologies. It is designed to facilitate students seeking to embark on post-graduate studies.

P: Any 60 points at 300-level in Māori and Indigenous Studies or by permission from the Head of School.

R: PACS 419

EQ: PACS 419

MAOR404-13S1 (C) Semester 1

MAOR 409 Indigenous People, Human Rights and Self-determination

0.2500 EFTS

Not offered in 2013

The political practice, theory, and development of indigenous rights in international contexts. Topics include: the emergence of indigenous movements; the UN Draft Declaration on the Rights of Indigenous Peoples; American States Draft Declaration on the Rights of Indigenous Peoples; UN Permanent Forum on Indigenous Issues; International Covenant on Civil and Political Rights; International Covenant on Economic, Social and Cultural Rights; the International Convention on the Elimination of All Forms of Racial Discrimination; the International Labour Organisation (ILO) Convention 169, the Mataatua Declaration and other relevant international instruments.

P: Subject to approval of the Head of School.

MAOR 410 Land and Authority in Māori Politics, 1840-1900

0.2500 EFTS

Not offered in 2013

This is a course in nineteenth century Māori political ideas. Through the written records of Māori political thought, and through study of prominent leaders' interaction with both western ideas and the actions of government, the course focuses on the key issues of the making of modern land tenure and the unmaking of the political consequence of chiefs.

P: Subject to approval of the Head of School.

R: PACS 403

MAOR 412 Independent Course of Study

0.2500 EFTS

P: Subject to approval of the Head of School.

MAOR412-13S1 (C) Semester 1

MAOR 418 Te Mahi Taonga: Māori Art in Perspective

0.2500 EFTS

This course interprets Māori art according to a variety of mythological, archaeological, historical and bicultural perspectives. Students will also be encouraged to develop their own understandings of, and relationships to, Māori art

P: Subject to approval of Head of School.

R: ARTH 401, PACS 412

EQ: ARTH 401, PACS 412

MAOR418-13S2 (C) Semester 2

MAOR 420 Matauranga Māori: Changing Knowledge in Indigenous Societies

0.2500 EFTS

Not offered in 2013

This course examines five themes. Traditional pre-European belief paradigms such as: whakapapa, mana and tapu, tikanga, kawa, wisdom and tradition. Impacts, re-configurations and adaptations in Māori belief systems that occurred in the context of colonisation, such as Io, and, whakapono, tumanako and te aroha. The modern re-emergence of indigenous paradigms in Education - Te

Aho Matua; Te Whariki; Health - Whare Tapa-wha; Te Wheke; Homai te Waiora; Science - TEK (traditional environment knowledge). Resource Management and Sustainable Development - Rahui, Mataitai, Taiapure, Kaitiakitanga. Comparisons with other indigenous knowledges and future directions for advancing and using Māori and indigenous knowledges in changing societies
 P: Permission of the Head of School.

MAOR 421 Ngati Apopo - The Global Māori

0.2500 EFTS

In search of the authentic Māori. Cultural continuity and change in the context of the Māori Renaissance and an increasingly globalised world and the proliferation of new identities in work, sport, play, entertainment and culture. Topics include: urbanisation, alienation, underclass, ethno-class, gangs and Rastafarian responses, the rangatiratanga generations, radical activists, Mana Wahine, bro culture, takataapuhi, the brown middle class, muppies, plastic Māoris, born again Māori, waka blondes, kotuku ma, Horiwood, Mollywood and media mana, corporate warriors, sport warriors, ngati hutu, language fascism, cultural nationalism, cultural transvestism, neoliberalism, biculturalism and multiculturalism, the browning of Aotearoa, gangstas, hoodlums, mozzies, future generations rangatahi, pakeke and rangatakapu

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

MAOR421-13S2 (C) Semester 2

MAOR 422 Topics in Ethnicity

0.2500 EFTS

This course will explore the fundamentally different inequalities associated with race, ethnicity and indigeneity in the white settler dominions of Aotearoa, Canada, Australia and the United States

P: Subject to approval of Head of School.

R: SOCI 413

EQ: SOCI 413

MAOR422-13S2 (C) Semester 2

MAOR 423 Development and Postcolonialism

0.2500 EFTS

Contemporary theoretical issues and debates of (post)-modern and (post)-colonial discourses in relation to the question of development are introduced. The aim of the course is to make the links visible between 'development' as a discursive cultural configuration and development as an object category of economic 'growth'

P: Subject to approval of Head of School.

R: SOCI 408, GEND 408, HSRV 422

EQ: SOCI 408

MAOR423-13S2 (C) Semester 2

MAOR 424 Encountering Places/Ma te Whenua

0.2500 EFTS

The course emphasizes how place can be experienced as a site of encounter amongst peoples, objects, and minds. Ma te whenua ka whai oranga ai - through land our experiences flourish. Via fieldtrips we will move outside the classroom to learn together and explore the meanings of such things as mountains, skies, waters, and plants. We will gain an

appreciation of the significance and variety of western and indigenous meanings of place. Ma te whenua - land is boundless.

P: Any 56 points at 300-level in Māori and Indigenous Studies or subject to approval of Course Convenor
 EQ: GEOG 403

MAOR424-13S2 (C) Semester 2

MAOR 480 Research Dissertation

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: Students will need to obtain approval from the postgraduate coordinator and Head of School of a one-page research proposal and a lecturer from the School as supervisor before February 1 of the year of study.

MAOR480-13W (C) Whole Year (S1 and S2)

MAOR480-13S1 (C) Semester 1

MAOR480-13S2 (C) Semester 2

MAOR 594 Rangahau - Minor Research Dissertation Part 1

0.2500 EFTS

Not offered in 2013

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.

MAOR 595 Rangahau - Minor Research Dissertation Part 2

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.

MAOR595-13A (C) Starts Any time

MAOR 690 MA Thesis

1.0000 EFTS

P: Subject to approval of the Head of School.

MAOR690-13A (C) Starts Any time

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

MAOR 590 Rangahau - Major Research Dissertation

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: Students need to obtain a supervisor from the School and submit a proposal for approval by the Head of School by the beginning of the academic year.

RP: Dialog with an appropriate staff member in Aotahi and 2-3 page proposal.

MAOR590-13W (C) Whole Year (S1 and S2)

MAOR 591 Rangahau - Minor Research Dissertation

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: Students need to obtain a supervisor from the School and submit a proposal for approval by the Head of School by the beginning of the academic year.

RP: Dialog with an appropriate staff member in Aotahi and 2-3 page proposal.

MAOR591-13W (C) Whole Year (S1 and S2)

MAOR 592 Rangahau - Research Paper

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: Students need to obtain a supervisor from the School and submit a proposal for approval by the Head of School by the beginning of the academic year.

RP: Dialog with an appropriate staff member in Aotahi and 2-3 page proposal.

MAOR592-13S1 (C) Semester 1

MAOR 593 Rangahau - Research Paper

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: Students need to obtain a supervisor from the School and submit a proposal for approval by the Head of School by the beginning of the academic year.

RP: Dialog with an appropriate staff member in Aotahi and 2-3 page proposal.

MAOR593-13S2 (C) Semester 2

Māori

Aotahi: School of Māori and Indigenous Studies courses

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.

MAOR 790 Māori PhD

1.0000 EFTS

P: Subject to approval of the Head of School

MAOR790-13A (C) Starts Any time

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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Marketing

Department of Management

MKTG 100 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: MGMT 102

EQ: MGMT 102

MKTG100-13S1 (C) Semester 1

MKTG100-13S2 (C) Semester 2

Limited entry. See limitation of entry regulations.

MKTG 201 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 or MGMT 102; (2) ECON 104 or ECON 106; (3) MSCI 110 or STAT 101 or STAT 111 or STAT 112 or STAT 131; (4) 15 points 100-level MGMT or MSCI courses.

R: MGMT 210

RP: MKTG 202

EQ: MGMT 210

MKTG201-13S2 (C) Semester 2

MKTG 202 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) MKTG 100 or MGMT 102; (2) ECON 104 or ECON 106; (3) MSCI 110 or STAT 101 or STAT 111 or STAT 112 or STAT 131; (4) 15 points 100-level MGMT or MSCI courses.
R: MGMT 212
EQ: MGMT 212

MKTG202-1351 (C) Semester 1

MKTG 204 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: Any 30 points in ECON, MGMT, MKTG, MSCI, PSYC, SOCI or other social science approved by Head of Department of Management.
R: MGMT 204
EQ: MGMT 204

MKTG204-13SU1 (C) Summer (Jan 13)
MKTG204-13S2 (C) Semester 2

MKTG 230 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 in ACCT, ACIS, ECON, MGMT, MKTG, MSCI, PSYC, SOCI or other social science approved by the Head of Department of Management or Accounting and Information Systems.
R: MGMT 230
EQ: MGMT 230

MKTG230-1351 (C) Semester 1

MKTG 280 Statistical Methods for Management

15 Points 0.1250 EFTS

This course focuses on the appropriate use of commonly used multivariate statistical techniques to analyse data to inform management. Multiple regression analysis is covered at some length. Other topics include correlation, analysis of variance and discriminant analysis. Students use a commercial statistical package, SPSS, throughout the course. Interpretation, reporting and critical reflection of the results for management are emphasized. The contribution of each analysis to understanding a business situation is identified. The concept of a statistical model is introduced.

This is a required course for majors in Marketing and Management Science and Operations Management.

P: (1) MSCI 110 or 15 points of STAT; (2) 15 points from MSCI or MGMT or MKTG or MATH.
R: MSCI 210, MSCI 280, MGMT 280
EQ: MSCI 280, MGMT 280

MKTG280-1351 (C) Semester 1

MKTG 301 Strategic Marketing

30 Points 0.2500 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 use of case studies and a group-based project.

P: (1) MKTG 201 or MGMT 210; (2) MKTG 202 or MGMT 212; (3) MKTG 204 or MGMT 204.
R: MGMT 316
EQ: MGMT 316

MKTG301-13S2 (C) Semester 2

MKTG 302 Applied Research Project in Marketing

30 Points 0.2500 EFTS

Not offered in 2013

This course develops practical knowledge and hands-on experience through a project which builds upon the material covered in 200-level marketing courses. Given the applied research focus of this course, it is recommended that students have a B or better in MKTG 202 and MKTG 280. This course is also highly recommended for students contemplating postgraduate study in marketing.

P: (1) MKTG 201 or MGMT 210; (2) MKTG 202 or MGMT 212; (3) MKTG 204 or MGMT 204; (4) MKTG 280 or MSCI 210 or equivalent.
R: MGMT 312
EQ: MGMT 312

MKTG 303 Advertising and Promotion Management

30 Points 0.2500 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 interest. Students will be involved in developing and presenting a comprehensive, promotional campaign for a product or service.

P: (1) MKTG 201 or MGMT 210; (2) MKTG 202 or MGMT 212; (3) MKTG 204 or MGMT 204
R: MGMT 318
EQ: MGMT 318

MKTG303-1351 (C) Semester 1

MKTG 310 Relationship Marketing

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. (Customer) Relationship Marketing focuses on the importance of establishing, maintaining, enhancing, reactivating, and if necessary terminating, customer relationships. 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 discussions, 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) MKTG 201 or MGMT 210; (2) MKTG 202 or MGMT 212; (3) MKTG 204 or MGMT 204
R: MGMT 310
EQ: MGMT 310

MKTG310-13S1 (C) Semester 1**MKTG 311 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) MKTG 201 or MGMT 210; (2) MKTG 202 or MGMT 212; (3) MKTG 204 or MGMT 204
R: MGMT 311
EQ: MGMT 311

MKTG311-13S2 (C) Semester 2**MKTG 313 Services Marketing**

15 Points 0.1250 EFTS

The principles of marketing services and their application to consumer and business services and not-for-profit organisations are discussed and examined.

P: (1) MKTG 201 or MGMT 210; (2) MKTG 202 or MGMT 212; (3) MKTG 204 or MGMT 204
R: MGMT 317
EQ: MGMT 317

MKTG313-13S1 (C) Semester 1**MKTG 314 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 45 points 200-level ECON, MGMT, MKTG, MSCI, POLS, PSYC, SOCI, GEOG or other social science approved by the Head of Department of Management.
R: MGMT 340
EQ: MGMT 340

MKTG314-13S1 (C) Semester 1**MKTG 315 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 45 points 200-level COMS, MGMT, MKTG, PSYC, SOCI or other social science approved by Head of Department of Management.

R: MGMT 341

EQ: MGMT 341

MKTG315-13S2 (C) Semester 2**MKTG 390 Professional Internship in Marketing**

30 Points 0.2500 EFTS

The primary objective of this course is to expose students to the marketing practices of the business community within the context of solving a defined marketing problem. The experience should accomplish the following specific goals: Give students actual business experience allowing them to apply classroom theory to an actual marketing situation. This will allow the student to develop sophistication in adapting and applying theory. Challenge students to learn the communications skills necessary to work within the context of an actual business environment. Present a mentored laboratory experience that will allow students to address a relevant business problem or issue with the safety net of guidance from the mentor.

P: (1) MKTG 100 or MGMT 102; (2) MKTG 201 or MGMT 210; (3) MKTG 202 or MGMT 212; (4) Application to Head of Department of Management.

R: MGMT 313

EQ: MGMT 313

MKTG390-12SU2 (C) Summer (Nov 12)*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.

MKTG 603 Advanced Consumer Behaviour

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: MGMT 423

EQ: MGMT 423

MKTG603-13S2 (C) Semester 2

MKTG 605 Advanced Strategic Marketing

0.1250 EFTS

This paper 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 paper 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: MGMT 424

EQ: MGMT 424

MKTG605-13S2 (C) Semester 2

MKTG 609 Advanced Services and Tourism Marketing

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: MGMT 421

EQ: MGMT 421

MKTG609-13S1 (C) Semester 1

MKTG 611 Current Topics in Marketing

0.1250 EFTS

An advanced examination of contemporary issues in marketing.

P: Subject to approval of the Head of Department.

R: MGMT 452

EQ: MGMT 452

MKTG611-13S1 (C) Semester 1

MKTG 620 Research Methods for Marketing

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.

MKTG620-13S1 (C) Semester 1

MKTG 680 Marketing Dissertation

0.2500 EFTS

A course where students complete a written dissertation based upon their research proposal developed in MKTG 620.

P: MKTG 620

MKTG680-13S2 (C) Semester 2

MKTG 695 MCom Thesis

1.0000 EFTS

P: Subject to approval of the Head of Department.

MKTG695-13A (C) Starts Any time

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

MKTG 790 Marketing PhD

1.0000 EFTS

P: Subject to approval of the Head of Department.

MKTG790-13A (C) Starts Any time

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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Mathematical Physics

Department of Physics and Astronomy

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.

MAPH 480 Mathematical Physics Research Project

0.2500 EFTS

An independent research project in Physics for 400-level students

P: Subject to approval of the Head of Department

MAPH480-13A (C) Starts Any time

MAPH 790 Mathematical Physics PhD

1.0000 EFTS

P: Subject to approval of the Head of Department.

MAPH790-13A (C) Starts Any time

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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Mathematics

Department of Mathematics and Statistics

MATH 101 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: MATH 102, MATH 103, MATH 108, MATH 109, MATH 170, MATH 171, MATH 199, EMTH 118, EMTH 119, EMTH 171. Students

may not enrol concurrently with, or after obtaining a pass, in these courses.

MATH101-13S1 (C) Semester 1

MATH 102 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 NCEA Mathematics with Calculus. This course deals with basic ideas in calculus and linear algebra which have applications in many areas of science and commerce.

R: MATH 108, MATH 199, EMTH 118

MATH102-13S1 (C) Semester 1

MATH102-13S2 (C) Semester 2

MATH 103 Mathematics 1B

15 Points 0.1250 EFTS

A consolidation of concepts from MATH 102 and introduction to more advanced ideas in calculus and linear algebra. It also incorporates some study of statistics. It is a prerequisite for many courses in mathematics and other subjects at 200-level.

P: MATH 102 or MATH 108 or EMTH 118

R: MATH 109, MATH 199, EMTH 119

MATH103-13S1 (C) Semester 1

MATH103-13S2 (C) Semester 2

MATH 120 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.

R: MATH 115

MATH120-13S2 (C) Semester 2

MATH 130 Introduction to Logic & Computability

15 Points 0.1250 EFTS

An introduction to logic and computability.

R: MATH 134, PHIL 134, PHIL 138

MATH130-13S1 (C) Semester 1

MATH 170 Mathematical Modelling and Computation

15 Points 0.1250 EFTS

An introduction to mathematical modelling and simulation via case studies using standard computer packages.

Structured programming for mathematical problem solving.

R: MATH 171, EMTH 171

RP: MATH 109 or MATH 103 (prior or concurrent enrolment recommended)

MATH170-13S2 (C) Semester 2

MATH 201 Mathematics 2

15 Points 0.1250 EFTS

This course deals with techniques in multivariable calculus and linear algebra which have applications in many areas of

science, commerce and engineering. It is also preparation for many courses in advanced mathematics.

P: MATH 103 or MATH 109 or MATH 199 or EMTH 119

R: MATH 261, MATH 264, EMTH 202, EMTH 204, EMTH 210

MATH201-13S1 (C) Semester 1

MATH 202 Differential Equations and Vector Calculus

15 Points 0.1250 EFTS

This course deals with techniques for solving differential equations, and develops further tools for multivariable calculus, building on the material in MATH201.

P: MATH 201 or EMTH 210

R: MATH 262, MATH 264, EMTH 202, EMTH 204

MATH202-13S2 (C) Semester 2

MATH 203 Linear Algebra

15 Points 0.1250 EFTS

Linear algebra is a key part of the mathematical toolkit needed in the modern study of many areas in science, commerce and engineering. This course develops the fundamental concepts of linear algebra, including orthogonality, projections and eigenvalues, with an emphasis on practical applications and use of the computer package MATLAB.

P: MATH 103 or EMTH 119 or MATH 199

R: MATH 252, MATH 254, EMTH 203, EMTH 204, EMTH 211

MATH203-13S2 (C) Semester 2

MATH 220 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: One of MATH 102, MATH 103, MATH 108, MATH 109, MATH 115, MATH 120, MATH 199, EMTH 118 or EMTH 119.

R: MATH 221, MATH 231

MATH220-13S1 (C) Semester 1

MATH 230 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: 30 points from MATH 100-199 excluding MATH 101; or with permission of the Head of Department.

R: MATH 208, MATH 308, PHIL 208, PHIL 210, PHIL 308, PHIL 225, PHIL 246, PHIL 346

EQ: PHIL 210

MATH230-13S2 (C) Semester 2

MATH 240 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: MATH 103, MATH 109, MATH 199 or EMTH 119

R: MATH 222, MATH 243

MATH240-1351 (C) Semester 1

MATH 270 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: (MATH 170 or MATH 171 or EMTH 171 or MATH 280 or MATH 282) and (EMTH 119 or MATH 103 or MATH 109 or MATH 199)

R: EMTH 271, MATH 271

MATH270-1352 (C) Semester 2

MATH 280 Introduction to Scientific Computation

15 Points 0.1250 EFTS

Not offered in 2013

Introduction to the mathematical software package, MATLAB, that integrates technical computation, graphics, visualisation, and programming

P: MATH 103, MATH 109, MATH 199 or EMTH 119

R: MATH 281, MATH 282

MATH 302 Partial Differential Equations

15 Points 0.1250 EFTS

An introduction to the methods of solution for partial differential equations and to their applications.

P: MATH 264, EMTH 204, (MATH 261 and MATH 262),

EMTH 202, MATH 202 or EMTH 210

R: MATH 361, EMTH 391, EMTH 413

MATH302-1351 (C) Semester 1

MATH 303 Applied Matrix Algebra

15 Points 0.1250 EFTS

A continuation of 200-level linear algebra with computational and theoretical aspects and applications.

P: (MATH 251 and MATH 252), MATH 254, EMTH 204,

MATH 203, EMTH 203 or EMTH 211.

R: MATH 352, EMTH 412

MATH303-1351 (C) Semester 1

MATH 320 Discrete Mathematics

15 Points 0.1250 EFTS

Not offered in 2013

Modern combinatorics and discrete mathematics with an emphasis on design theory.

P: 30 points from MATH 201, MATH 202, MATH 203, MATH 220, MATH 240, EMTH 210, EMTH 211; or, 22 points from MATH 221, MATH 222, MATH 231, MATH 251, MATH 252, MATH 254, EMTH 203, EMTH 204.

R: MATH 333, MATH 334

MATH 321 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: MATH 220, MATH 221, MATH 222, MATH 240 or (MATH 203, MATH 254, EMTH 204 or EMTH 211 with Head of Department permission) and a further 15 points from MATH 201-294

R: MATH 311

MATH321-1351 (C) Semester 1

MATH 324 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: (MATH 220 or MATH 221) and a further 15 points from

MATH 201-294

R: MATH 391

MATH324-1352 (C) Semester 2

MATH 335 Computability Theory

15 Points 0.1250 EFTS

Not offered in 2013

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 Department; or 3) MATH 230 and, with the approval of the Head of Department, an appropriate Philosophy course.

MATH 336 Foundations of Mathematics

15 Points 0.1250 EFTS

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 Department.

R: MATH 208, MATH 308

MATH336-1352 (C) Semester 2

MATH 343 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 MATH 201, MATH 202, MATH 203, MATH 240, MATH 243, MATH 254, MATH 264, MATH 271, EMTH 202, EMTH 204, EMTH 210, EMTH 211 or EMTH 271.

MATH343-1351 (C) Semester 1

MATH 353 Computational Mathematics and Applications

15 Points 0.1250 EFTS

This course looks at a variety of algorithms for solving important computational problems that arise in science, engineering, and commerce. Topics covered include an introduction to the numerical solution of partial differential equations, and numerical methods for the eigenvalue

problem. Other topics include the Fast Fourier Transform, and numerical approximation techniques.

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 Department a high grade in either MATH 201 or EMTH 210 will suffice.

R: EMTH 414

MATH353-13S2 (C) Semester 2

MATH 363 Dynamical Systems

15 Points 0.1250 EFTS

An introduction to nonlinear systems, the use of linearisation techniques and bifurcation theory.

P: MATH 201 or MATH 264 or (MATH 261 and MATH 262) or EMTH 202 or EMTH 204, or EMTH 210 and a further 15 points from (EMTH 211, EMTH 271, MATH 202, MATH 203, MATH 240, MATH 270).

R: EMTH 415

MATH363-13S2 (C) Semester 2

MATH 365 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: MATH 264, EMTH 204, (MATH 261 and MATH 262), EMTH 202, MATH 243, MATH 202 or MATH 240; or, a high level of achievement in EMTH 210 with Head of Department approval.

R: MATH 342

MATH365-13S2 (C) Semester 2

MATH 380 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 Department.

MATH380-13S1 (D) Semester 1

MATH380-13S1 (C) Semester 1

MATH 391 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: Head of Department approval

MATH391-13S1 (C) Semester 1

MATH 392 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: Head of Department approval.

MATH392-13S2 (C) Semester 2

MATH 393 Independent Course of Study

15 Points 0.1250 EFTS

P: Head of Department approval.

MATH393-13S1 (C) Semester 1

MATH 394 Independent Course of Study

15 Points 0.1250 EFTS

P: Head of Department approval.

MATH394-13S2 (C) Semester 2

MATH 395 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: 45 points from MATH 210-294, and approval of Head of Department.

R: MATH 305

MATH395-12SU2 (C) Summer (Nov 12)

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.

MATH 401 Dynamical Systems 1

0.1250 EFTS

P: Subject to approval of the Head of Department.

MATH401-13S1 (C) Semester 1

MATH401-13S2 (C) Semester 2

MATH 402 Dynamical Systems 2

0.1250 EFTS

P: Subject to approval of the Head of Department.

MATH402-13S1 (C) Semester 1

MATH402-13S2 (C) Semester 2

MATH 403 Advanced Methods for Partial Differential Equations

0.1250 EFTS

Not offered in 2013

P: Subject to approval of the Head of Department.

MATH 404 Industrial Case Studies

0.1250 EFTS

Not offered in 2013

P: Subject to approval of the Head of Department.

MATH 405 Bioinformatics

0.1250 EFTS

P: Subject to approval of the Head of Department.

- MATH405-13S1 (C)** Semester 1
- MATH405-13S2 (C)** Semester 2

MATH 406 Mathematical Models in Biology

0.1250 EFTS

P: Subject to approval of the Head of Department.

- MATH406-13S1 (C)** Semester 1
- MATH406-13S2 (C)** Semester 2

MATH 407 Special Topic

0.1250 EFTS

- MATH407-13S1 (C)** Semester 1
- MATH407-13S2 (C)** Semester 2

MATH 408 Financial Mathematics

0.1250 EFTS

P: Subject to approval of the Head of Department.

- MATH408-13S1 (C)** Semester 1
- MATH408-13S2 (C)** Semester 2

MATH 409 Cryptography and Coding Theory

0.1250 EFTS

P: Subject to approval of the Head of Department.

- MATH409-13S2 (C)** Semester 2

MATH 410 Approximation Theory

0.1250 EFTS

P: Subject to approval of the Head of Department.

- MATH410-13S1 (C)** Semester 1
- MATH410-13S2 (C)** Semester 2

MATH 411 Topics in Algebra

0.1250 EFTS

Not offered in 2013

P: Subject to approval of the Head of Department.

MATH 412 Unconstrained Optimization

0.1250 EFTS

P: Subject to approval of the Head of Department.

- MATH412-13S1 (C)** Semester 1
- MATH412-13S2 (C)** Semester 2

MATH 413 Numerical Optimization

0.1250 EFTS

Not offered in 2013

This course will look at theoretical and practical aspects of numerical optimization methods.

P: Subject to approval of the Head of Department.

MATH 414 Computational Methods

0.1250 EFTS

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

- MATH414-13S1 (C)** Semester 1
- MATH414-13S2 (C)** Semester 2

MATH 415 Numerical Solution of Differential Equations

0.1250 EFTS

Not offered in 2013

P: Subject to approval of the Head of Department.

MATH 416 Differential Systems

0.1250 EFTS

P: Subject to approval of the Head of Department.

- MATH416-13S1 (C)** Semester 1
- MATH416-13S2 (C)** Semester 2

MATH 417 Computational Fluid Mechanics

0.1250 EFTS

Not offered in 2013

P: Subject to approval of the Head of Department.

MATH 418 Measure and Integration

0.1250 EFTS

Not offered in 2013

P: Subject to approval of the Head of Department.

MATH 420 Hilbert Spaces

0.1250 EFTS

P: Subject to approval of the Head of Department.

- MATH420-13S1 (C)** Semester 1
- MATH420-13S2 (C)** Semester 2

MATH 421 Functional Analysis

0.1250 EFTS

Not offered in 2013

P: Subject to approval of the Head of Department.

MATH 422 Algebra and symbolic Computation

0.1250 EFTS

P: Subject to approval of the Head of Department.

- MATH422-13S1 (C)** Semester 1
- MATH422-13S2 (C)** Semester 2

MATH 423 Theory of the Integral

0.1250 EFTS

Not offered in 2013

P: Subject to approval of the Head of Department.

MATH 424 Wavelet and Data Compression

0.1250 EFTS

P: Subject to approval of the Head of Department.

- MATH424-13S1 (C)** Semester 1
- MATH424-13S2 (C)** Semester 2

MATH 425 Fourier Transformations and Distribution Theory

0.1250 EFTS

P: Subject to approval of the Head of Department.

- MATH425-13S1 (C)** Semester 1
- MATH425-13S2 (C)** Semester 2

MATH 426 Differential Geometry

0.1250 EFTS

P: Subject to approval of the Head of Department.

MATH426-13S1 (C)	Semester 1
MATH426-13S2 (C)	Semester 2

MATH 427 Lie Groups and Lie Algebras

0.1250 EFTS

P: Subject to approval of the Head of Department.

MATH427-13S1 (C)	Semester 1
MATH427-13S2 (C)	Semester 2

MATH 428 Topology

0.1250 EFTS

P: Subject to approval of the Head of Department.

MATH428-13S1 (C)	Semester 1
MATH428-13S2 (C)	Semester 2

MATH 429 Combinatorics

0.1250 EFTS

P: Subject to approval of the Head of Department.

MATH429-13S1 (C)	Semester 1
MATH429-13S2 (C)	Semester 2

MATH 430 History of Mathematics

0.1250 EFTS

Not offered in 2013

P: Subject to approval of the Head of Department.

MATH 431 Special Topic in Mathematics

0.1250 EFTS

P: Subject to approval of the Head of Department.

MATH431-13S1 (C)	Semester 1
MATH431-13S2 (C)	Semester 2

MATH 432 Foundations of Mathematics

0.1250 EFTS

P: Subject to approval of the Head of Department.

MATH432-13S2 (C)	Semester 2
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MATH 433 Mathematics in Perspective

0.1250 EFTS

P: Subject to approval of the Head of Department.

MATH433-13S1 (C)	Semester 1
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MATH 435 Probability Theory

0.1250 EFTS

Not offered in 2013

P: Subject to approval of the Head of Department.

MATH 437 Representation Theory

0.1250 EFTS

P: Subject to approval of the Head of Department.

MATH437-13S1 (C)	Semester 1
MATH437-13S2 (C)	Semester 2

MATH 438 Special Topic in Mathematics

0.1250 EFTS

P: Subject to approval of the Head of Department.

MATH438-13S1 (C)	Semester 1
MATH438-13S2 (C)	Semester 2

MATH 439 Rings and Fields

0.1250 EFTS

P: Subject to approval of the Head of Department.

MATH439-13S1 (C)	Semester 1
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MATH 441 Mathematical Economics

0.1250 EFTS

This course will look at mathematical techniques used in economics, including mathematical modelling.

P: Subject to approval of the Head of Department.

MATH441-13S1 (C)	Semester 1
MATH441-13S2 (C)	Semester 2

MATH 442 Special Topic in Mathematics

0.1250 EFTS

MATH442-13S1 (C)	Semester 1
MATH442-13S2 (C)	Semester 2

MATH 443 Metric, Normed and Hilbert Spaces

0.1250 EFTS

P: Subject to approval of the Head of Department.

MATH443-13S1 (C)	Semester 1
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MATH 444 Special Topic in Mathematics

0.1250 EFTS

P: Subject to approval of the Head of Department.

MATH444-13S1 (C)	Semester 1
MATH444-13S2 (C)	Semester 2

MATH 449 Project

0.2500 EFTS

P: Subject to approval of the Head of Department.

MATH449-13W (C)	Whole Year (S1 and S2)
MATH449-13S1 (C)	Semester 1
MATH449-13CY (C)	Cross Year

MATH 469 Computer-aided Proofs

0.1250 EFTS

This course provides students with an understanding of advanced concepts at the interface of pure mathematics and scientific computing.

P: Subject to approval of the Head of Department.

MATH469-13S1 (C)	Semester 1
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MATH 475 Independent Course of Study

0.1250 EFTS

P: Subject to approval of the Head of Department.

MATH475-13W (C)	Whole Year (S1 and S2)
MATH475-13S1 (C)	Semester 1
MATH475-13S2 (C)	Semester 2

MATH 491 Summer Research Project

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 Department.

MATH491-12SU2 (C) Summer (Nov 12)

MATH 690 MSc Thesis

1.0000 EFTS

P: Subject to approval of the Head of Department.

MATH690-13A (C) Starts Any time

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

MATH 695 MA Thesis

1.0000 EFTS

P: Subject to approval of the Head of Department.

MATH695-13A (C) Starts Any time

MATH 790 Mathematics PhD

1.0000 EFTS

P: Subject to approval of the Head of Department.

MATH790-13A (C) Starts Any time

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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Mathematics and Philosophy

Department of Mathematics and Statistics

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.

MPHI 450 Project

0.3250 EFTS

P: Subject to approval of the Head of Department.

MPHI450-13W (C) Whole Year (S1 and S2)

MPHI 790 Mathematics and Philosophy PhD

1.0000 EFTS

MPHI790-13A (C) Starts Any time

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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Mechanical Engineering

Department of Mechanical Engineering

ENME 201 Design Communication

15 Points 0.1250 EFTS

Drawing, design and geometry of engineering components. Introductory course to CAD.

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

R: ENME 211

ENME201-13S1 (C) Semester 1

ENME 202 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.

R: ENME 222; ENME 332

ENME202-13S1 (C) Semester 1

ENME 203 Dynamics and Vibrations

15 Points 0.1250 EFTS

Dynamics and kinematics of machine elements; derivations and fundamental analysis of equation of motion of single-degree-of-freedom systems; vibrations: free and forced vibrations (harmonic, periodic, quasi- and aperiodic), introduction to computational methods to solve differential equations (Euler, Newmark-Beta), multi-degree-of-freedom systems.

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

R: ENME 223; ENME 331

ENME203-13S2 (C) Semester 2

ENME 204 Introduction to Thermo-fluids Engineering

15 Points 0.1250 EFTS

Fluid Properties; Fluid Statics; Control Volume Analysis; Mass, Momentum, and Energy Equations; Bernoulli Equation and Applications; Boundary Layer Concept; Pipe Flows and Losses; First and Second Law of Thermodynamics; Evaluation of Thermodynamic Properties; Ideal and Real Gases; Condensable Substances; Heat Transfer Modes; Electrical Analogy.

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

R: ENME 224; ENME 225; ENME 345

ENME204-13S1 (C) Semester 1

ENME 207 Materials Science and Engineering

15 Points 0.1250 EFTS

Fundamental relationships between structure, processing, physical properties and performance for metallic, ceramic, polymeric, composite and electronic materials.

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

R: ENME 227

ENME207-13S2 (C) Semester 2**ENME 221 Engineering Design and Manufacture**

15 Points 0.1250 EFTS

Manufacturing processes, metrology and conceptual design.

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

R: ENME 226

ENME221-13S2 (C) Semester 2**ENME 298 Independent course of Study**

8 Points 0.0625 EFTS

Independent course of Study.

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

ENME298-13S1 (C) Semester 1**ENME298-13S2 (C) Semester 2****ENME 299 Independent course of Study**

15 Points 0.1250 EFTS

Independent course of Study.

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

ENME299-13S1 (C) Semester 1**ENME299-13S2 (C) Semester 2****ENME 301 Engineering Design and Production Quality**

15 Points 0.1250 EFTS

Design process, creative design, simple structures, shafts, bearings couplings and brakes; mechanical power transmission. Production quality.

P: ENME 201; ENME 202; ENME 221

R: ENME 340

ENME301-13S1 (C) Semester 1**ENME 302 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: EMTH 210, EMTH 271 or EMTH 211, ENME 202, ENME 204

R: ENME 342; EMTH 391

ENME302-13S2 (C) Semester 2**ENME 303 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: EMTH 210; ENME 203

R: ENME 333

ENME303-13S1 (C) Semester 1**ENME 304 Engineering Fluid Mechanics**

15 Points 0.1250 EFTS

Dimensional analysis and similitude; Poiseuille and Couette flow; Flow separation; Cavitation; Turbulence, boundary layers and friction drag; Potential flow and superposition theory; Aerodynamic forces; Pipe network analysis; Analysis of turbomachinery (turbines and pumps); Pump performance and selection; Introduction to compressible flow.

P: ENME 204

R: ENME 345

ENME304-13S1 (C) Semester 1**ENME 305 Thermodynamics and Heat Transfer**

15 Points 0.1250 EFTS

Entropy and its application as a thermodynamic property; Representation and analysis of thermodynamic cycles (ideal and practical); Heat transfer modes (conduction, convection and radiation) and their analysis; Heat exchangers; Combustion.

P: ENME 204

R: ENME 345; ENME 354

ENME305-13S2 (C) Semester 2**ENME 307 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: ENME 207

R: ENME 457; ENME 477

ENME307-13S2 (C) Semester 2**ENME 311 Engineering Design and Production Management**

15 Points 0.1250 EFTS

Engineering design reports, design for fatigue, fasteners, welded joints, cranes; use of engineering codes, pressure

vessel design, hydraulic machinery. Production process design and management.

P: ENME 301

R: ENME 341, ENME 336

ENME311-13S2 (C)

Semester 2

ENME 313 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: ENME 201; ENME 221

R: ENME 339, ENME 443

ENME313-13S1 (C)

Semester 1

ENME 397 Independent Course of Study

8 Points

0.0625 EFTS

Not offered in 2013

P: Subject to approval of the Director of Studies.

ENME 398 Independent Course of Study

8 Points

0.0625 EFTS

P: Subject to approval of the Director of Studies.

ENME398-13S1 (C)

Semester 1

ENME398-13S2 (C)

Semester 2

ENME 399 Independent Course of Study

15 Points

0.1250 EFTS

P: Subject to approval of the Director of Studies.

ENME399-13S1 (C)

Semester 1

ENME399-13S2 (C)

Semester 2

ENGR 401 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: (1) ENME 345 or (2) Subject to Head of Department approval

ENGR401-13S1 (C)

Semester 1

ENME 401 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: ENME 301 and ENME 311; or ENMT 301

R: ENME 440

ENME401-13S1 (C)

Semester 1

ENME 402 Advanced Vibrations and Acoustics

15 Points

0.1250 EFTS

Vibrations of discrete and continuous systems, fundamental and modern acoustics.

P: ENME 302

R: ENME 432, ENME 454

ENME402-13S1 (C)

Semester 1

ENME 403 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: ENME 303 or ENEL 321

R: ENME 433, ENEL 430

ENME403-13S1 (C)

Semester 1

ENME 404 Aerodynamics and Ground Vehicle Dynamics

15 Points

0.1250 EFTS

Aerofoil theory; potential flow, thin aerofoil and Prandtl lifting line; Boundary layer theory; Compressibility effects; Mechanics of flight; Stability and control in flight; Range and endurance; Wind tunnel testing; Glider design, build and test; Wind turbines; Ground vehicles: traction and rolling resistance, steering and suspension.

P: ENME 304 or ENME 414

R: ENME 474

ENME404-13S2 (C)

Semester 2

ENME 405 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: ENME 305

R: ENME 445

ENME405-13S1 (C)

Semester 1

ENME 406 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 analysis tools for optimising product attributes. Modern CAD software is used to produce detailed part and assembly models, which students then analyse for mechanical failure, build and physically test. Students then use those results to produce an improved product design that is ready for manufacture. Major topics include the recursive nature of the product design process, CAD-integrated analysis (of stress/strain, thermal loading, dynamics, motion of assemblies & linkages), integration of design with the manufacturing processes (DFMA). The course involves the development of solutions to wide-ranging design problems, practical engineering fabrication and assembly, investigation into product performance using computer analysis tools and physical testing, individual and team work, and effective communication regarding design solutions.

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

R: ENME 456

ENME406-13S2 (C) Semester 2

ENME 407 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

R: ENME 337

ENME407-13S1 (C) Semester 1

ENME 408 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: ENME 301, ENME 302, ENME 303, ENME 304, ENME 305, ENME 307, ENME 311, ENME 313

R: ENME 438

ENME408-13W (C) Whole Year (S1 and S2)

ENME 409 Physiological Modelling

15 Points 0.1250 EFTS
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: ENME 302

R: ENME 449

ENME409-13S2 (C) Semester 2

ENME 411 Advanced Mechanical System Design

15 Points 0.1250 EFTS
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: ENME 401

R: ENME 441

ENME411-13S2 (C) Semester 2

ENME 413 Robotics

15 Points 0.1250 EFTS
Continuation of the study of Mechatronics or Mechanical/ Electrical Engineering in robotics as an important advanced learning element. Foundations for robotic systems, with focus on the modelling and analysis of a robotic manipulator, including geometry, kinematics, statics, dynamics, and control. Hands-on experience in building a robotic manipulator and programming robot. Many examples of robotic systems. Project work.

P: ENME 203 or ENEL 321

R: ENMT 463

ENME413-13S1 (C) Semester 1

ENME 414 Special Topic: Thermo-Fluids Transport

15 Points 0.1250 EFTS

P: ENME 204

R: ENME 404, ENMT 448

ENME414-13S1 (C) Semester 1

ENME 415 Advanced Heat and Mass Transfer

15 Points 0.1250 EFTS
Advanced heat transfer; conduction, convection, and radiation heat transfer; computational methods; diffusion and advection heat transfer.

P: ENME 304, ENME 305

R: ENME 435

ENME415-13S2 (C) Semester 2

ENME 417 Advanced Composite, Polymeric and Ceramic Materials

15 Points 0.1250 EFTS
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: ENME 307

R: ENME 467

ENME417-13S2 (C) Semester 2

ENME 418 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.

R: ENME 450

ENME418-13S2 (C) Semester 2

ENME 419 Biological Fluid Dynamics

15 Points 0.1250 EFTS

Fundamental equations of motion covering the flow of fluids in the body including blood flow and dynamics of the posterior fluid in the eye. Biomedical engineering applications: the rheology of blood flow; the motion of heart valves; the rheology of synovial and vitreous fluids; and the regulation of blood flow in the brain (cerebro-vascular).

P: ENME 302, ENME 304

R: ENME 464

ENME419-13S2 (C) Semester 2

ENME 423 Instrumentation and Sensors

15 Points 0.1250 EFTS

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: ENME 313 or ENMT 301

R: ENME 443, ENMT 443

ENME423-13S2 (C) Semester 2

ENME 480 Independent Course of Study

15 Points 0.1250 EFTS

P: Subject to approval of the Head of Department.

ENME480-13S1 (C) Semester 1

ENME480-13W (C) Whole Year (S1 and S2)

ENME480-13S2 (C) Semester 2

ENME 481 Special Topic in Mechanical Engineering

15 Points 0.1250 EFTS

P: Subject to approval of the Head of Department.

ENME481-13S1 (C) Semester 1

ENME481-13W (C) Whole Year (S1 and S2)

ENME481-13S2 (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.

ENME 601 Mechanical Systems Design

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: Subject to approval of the Head of Department.

R: ENME 401, ENME 440

RP: Bachelors degree in Engineering or equivalent

ENME601-13S1 (C) Semester 1

ENME 602 Advanced Vibrations and Acoustics

0.1250 EFTS

Vibrations of discrete and continuous systems, fundamental and modern acoustics.

P: Subject to approval of the Head of Department.

R: ENME 402, ENME 432, ENME 454, ENME 632, ENME 654

RP: Bachelors degree in Engineering or equivalent

ENME602-13S1 (C) Semester 1

ENME 603 Advanced Linear Systems Control and System Identification

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: ENME 403, ENME 433, ENME 633

RP: Bachelors degree in Engineering or equivalent

ENME603-13S1 (C) Semester 1

ENME 604 Advanced Aerodynamics and Ground Vehicle Dynamics

0.1250 EFTS

Aerofoil theory: potential flow, thin aerofoil and Prandtl lifting line; Boundary layer theory; Compressibility effects; Mechanics of flight; Stability and control in flight; Range and endurance; Wind tunnel testing; Glider design, build and test; Wind turbines; Ground vehicles: traction and rolling resistance, steering and suspension

P: Subject to approval of the Head of Department.

R: ENME 404, ENME 474

RP: Bachelors degree in Engineering or equivalent

ENME604-13S2 (C) Semester 2

ENME 605 Advanced Energy Systems Engineering

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: ENME 405, ENME 445, ENME 645

RP: Bachelors degree in Engineering or equivalent

ENME605-13S1 (C) Semester 1

ENME 606 Advanced Engineering Product Design and Analysis

0.1250 EFTS

This course develops engineering design skills with a particular focus on the proficient use of modern CAD-integrated analysis tools for optimising product attributes. Modern CAD software is used to produce detailed part and assembly models, which students then analyse for mechanical failure, build and physically test. Students then use those results to produce an improved product design that is ready for manufacture. Major topics include the recursive nature of the product design process, CAD-integrated analysis (of stress/strain, thermal loading, dynamics, motion of assemblies & linkages), integration of design with the manufacturing processes (DFMA). The course involves the development of solutions to wide-ranging design problems, practical engineering fabrication and assembly, investigation into product performance using computer analysis tools and physical testing, individual and

team work, and effective communication regarding design solutions.

P: Subject to approval of the Head of Department.

R: ENME 406, ENME 436, ENME 456, ENME 636, ENME 656

RP: Bachelors degree in Engineering or equivalent

ENME606-13S2 (C) Semester 2

ENME 607 Advanced Materials Science and Engineering

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: ENME 407, ENME 457, ENME 657, ENME 337

RP: Bachelors degree in Engineering or equivalent

ENME607-13S1 (C) Semester 1

ENME 609 Advanced Physiological Modelling

0.1250 EFTS

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: ENME 409, ENME 449, ENBI 605

RP: Bachelors degree in Engineering or equivalent

ENME609-13S1 (C) Semester 1

ENME 611 Advanced Mechanical System Design

0.1250 EFTS

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: ENME 411, ENME 441, ENME 641

RP: Bachelors degree in Engineering or equivalent

ENME611-13S2 (C) Semester 2

ENME 612 Mechanical Vibrations and Acoustics of Continuous Systems

0.1250 EFTS

This course covers the synthesis and analysis of mechanical continuous structures subject to vibrations and acoustics.

In particular: linear continuous systems: string, beam, membrane, plate, free and forced vibrations, d'Alembert's solution of the wave equation, wave propagation; Euler-Bernoulli beam theory; Hamilton's principle and calculus of variation, eigenvalue theory, expansion theorem; Approximations: Rayleigh's quotient, collocation method, Galerkin's and Ritz method; noise analysis, sound propagation, partitions, enclosures and sound barriers.

P: Subject to approval of the Head of Department.

RP: ENME 402 or equivalent

ENME612-13S2 (C) Semester 2

ENME 613 Advanced Robotics

0.1250 EFTS

Continuation of the study of Mechatronics or Mechanical/Electrical Engineering in robotics as an important advanced learning element. Foundations for robotic systems, with focus on the modelling and analysis of a robotic manipulator, including geometry, kinematics, statics, dynamics, and control. Hands-on experience in building a robotic manipulator and programming robot. Many examples of robotic systems. Project work.

P: Subject to approval of the Head of Department.

R: ENME 413, ENMT 463

RP: Bachelors degree in Engineering or equivalent

ENME613-13S1 (C) Semester 1

ENME 615 Advanced Heat and Mass Transfer

0.1250 EFTS

Advanced heat transfer; conduction, convection and radiation heat transfer; computational methods, diffusion and advection mass transfer.

P: Subject to approval of the Head of Department.

R: ENME 415, ENME 435, ENME 465, ENME 635, ENME 665

RP: Bachelors degree in Engineering or equivalent

ENME615-13S2 (C) Semester 2

ENME 617 Advanced Composite, Polymeric and Ceramic Materials

0.1250 EFTS

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: ENME 417, ENME 467, ENME 477, ENME 667

RP: Bachelors degree in Engineering or equivalent

ENME617-13S2 (C) Semester 2

ENME 618 Advanced Engineering Management and Professional Practice for Mechanical Engineers

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: ENME 418, ENME 450

RP: Bachelors degree in Engineering or equivalent

ENME618-13S2 (C) Semester 2

ENME 619 Advanced Biological Fluid Dynamics

0.1250 EFTS

Fundamental equations of motion covering the flow of fluids in the body including blood flow and dynamics of the posterior fluid in the eye. Biomedical engineering applications: the rheology of blood flow; the motion of heart valves; the rheology of synovial and vitreous fluids; and the regulation of blood flow in the brain (cerebro-vascular).

P: Subject to approval of the Head of Department.

R: ENME 419, ENME 464, ENME 664

RP: Bachelors degree in Engineering or equivalent

ENME619-13S2 (C) Semester 2

ENME 623 Advanced Instrumentation and Sensors

0.1250 EFTS

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: ENME 423, ENME 443, ENME 643, ENMT 443

RP: Bachelors degree in Engineering or equivalent

ENME623-13S2 (C) Semester 2

ENME 624 Special Topic

0.1250 EFTS

P: Subject to approval of the Head of Department.

ENME624-13S2 (C) Semester 2

ENME 625 Special Topic

0.1250 EFTS

P: Subject to approval of the Head of Department.

ENME625-13S1 (C) Semester 1

ENME 627 Special Topic in Mechanical Engineering

0.1250 EFTS

P: Subject to approval of the Head of Department.

ENME627-13S1 (C)	Semester 1
ENME627-13W (C)	Whole Year (S1 and S2)
ENME627-13S2 (C)	Semester 2

ENME 675 Independent Course of Study

0.1250 EFTS

P: Subject to approval of the Head of Department.

ENME675-13S1 (C)	Semester 1
ENME675-13A (C)	Starts Any time
ENME675-13S2 (C)	Semester 2

ENME 680 ME Project

0.5000 EFTS

P: Subject to approval of the Head of Department.

ENME680-13A (C)	Starts Any time
ENME680-13W (C)	Whole Year (S1 and S2)

ENME 682 Special Topic in Mechanical Engineering - Project

0.2500 EFTS

P: Subject to approval of the Head of Department.

ENME682-13S1 (C)	Semester 1
ENME682-13W (C)	Whole Year (S1 and S2)
ENME682-13S2 (C)	Semester 2

ENME 690 ME Thesis

1.0000 EFTS

P: Subject to approval of the Head of Department.

ENME690-13A (C)	Starts Any time
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*Part-time enrolment (0.65 EFTS) is available on approval.***ENME 790 Mechanical Engineering PhD**

1.0000 EFTS

P: Subject to approval of the Head of Department.

ENME790-13A (C)	Starts Any time
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*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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Mechatronics Engineering

*Department of Mechanical Engineering***ENMT 201 Mechatronics Design**

30 Points 0.2500 EFTS

Introduction to Mechatronics Engineering as a discipline. Fundamentals of sensors, actuators, instrumentation, and control systems. Engineering design and tools including

engineering drawing, CAD, circuit simulation, and PCB design.

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

ENMT201-13W (C)	Whole Year (S1 and S2)
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ENMT 301 Mechatronics System Design

30 Points 0.2500 EFTS

Design process, mechatronic system modelling, design methodology and tools, creative design, machine elements, mechanical power transmission, sensors, actuators, computer vision, intelligent control.

P: ENMT 201

ENMT301-13W (C)	Whole Year (S1 and S2)
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*Limited entry. See limitation of entry regulations.***ENMT 401 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: ENMT 301, ENME 303, ENME 302, ENCE 361, ENEL 371

ENMT401-13W (C)	Whole Year (S1 and S2)
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Media and Communication

*School of Social and Political Sciences***COMS 101 Introduction to Media and Communication**

15 Points 0.1250 EFTS

This course provides an introductory guide to current debates in mass communication and media studies and to the thinking and research that communications researchers and critics have brought to bear on them. This is an introductory paper that does not assume any prior knowledge.

COMS101-13S1 (C)	Semester 1
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COMS 102 The News Machine

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.

COMS102-13S2 (C)	Semester 2
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COMS102-13S2 (D)	Semester 2
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COMS 201 Media Audiences

15 Points 0.1250 EFTS

This course explores the way that audiences respond to the mass media, from news stories to science fiction and reality TV. It draws on a range of theories of audiences to address

key questions around the media such as what violent images do to viewers, what we learn from the news and how ratings shape television schedules.

P: COMS 101 or COMS 102. Students without this prerequisite but with at least a B average in 60 points in relevant courses may enter the course with the approval of the Programme Coordinator.

R: CULT 201

EQ: CULT 201

COMS201-13S1 (C) Semester 1

COMS 203 Media and the Representation of Differences

15 Points 0.1250 EFTS

This course examines the role of the media in circulating meanings assigned to differences of nation, ethnicity, gender, culture and illness and the historical and contemporary debates around media representations.

P: COMS 101 or COMS 102. Students without this prerequisite but with at least a B average of 60 points in appropriate courses may be admitted to the course with the approval of the Programme Coordinator.

COMS203-13S2 (C) Semester 2

COMS 204 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: COMS 101 or COMS 102. Students without this prerequisite but with at least a B average in 60 points in relevant courses may enter the course with the approval of the Programme Coordinator.

COMS204-13S1 (C) Semester 1

COMS 205 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: COMS 101 or COMS 102. Students without this prerequisite but with at least a B average in 60 points in relevant courses may enter the course with the approval of the Programme Coordinator.

R: POLS 232

EQ: POLS 232

COMS205-13S2 (C) Semester 2

COMS 206 On Air: Broadcasting and New Zealand

15 Points 0.1250 EFTS

Not offered in 2013

On Air: Broadcasting and New Zealand explores the role broadcasting has played in shaping New Zealand society, and the social, political and technical processes that have produced New Zealand broadcasting. We will study New Zealand television and radio content, regulation, and technology, and the international context of New Zealand broadcasting. Specific topics include: Māori broadcasting, sports, news, reality programming, drama and comedy, music, and the implications of new digital distribution tools for the concept of 'broadcasting'.

P: COMS 101 or COMS 102. Students without this prerequisite but with at least a B average in 60 points in relevant courses may enter the course with the approval of the Programme Coordinator.

COMS 222 Digital Media

15 Points 0.1250 EFTS

Not offered in 2013

The media environment is changing rapidly. New media are emerging, businesses are merging or declining, audiences are using media in different ways and many of our categories of media are blurring at the edges. This course studies those changes. It introduces key terms to understand the changes. It asks what is driving change, because it is about more than technology. It asks also what the consequences of these changes are for individuals, societies and shared culture.

P: COMS 101 or COMS 102. Students without this prerequisite but with at least a B average in 60 points in relevant courses may enter the course with the approval of the Programme Coordinator.

COMS 223 Propaganda, Public Relations and Power

15 Points 0.1250 EFTS

Not offered in 2013

Today, the state and private sectors as well as pressure groups in New Zealand and internationally are competing for media space in their pursuit of legitimacy, organisational interest or attention. COMS 223 aims to unpack the complex process through which this is happening by exploring the changing persuasive techniques of propaganda and public relations and how they confer legitimacy and power.

P: COMS 101 or COMS 102. Students without this prerequisite but with at least a B average in 60 points in relevant courses may enter the course with the approval of the Programme Coordinator.

COMS 224 Special Topic: Journalism, Media and Public Anthropology

15 Points 0.1250 EFTS

An examination of the presentation of social science subjects and issues in the media, with an emphasis on the role of Anthropologists

P: 30 points of COMS at 100-level, or a B average in any 30 points from the ARTS Schedule at 100-level

COMS224-12SU2 (C) Summer (Nov 12)

COMS 302 International Communication

30 Points 0.2500 EFTS

Not offered in 2013

This course examines the structure and flow of international and global media and their effects on socio-cultural change within nations and globally. Students will also be introduced to key issues and notions surrounding the nation state, the relationship between contemporary media and markets as well as governments etc.

P: 30 points at 200-level COMS. Students without 30 points at 200-level but with at least a B average in appropriate courses may be admitted to any one of the Media and Communication 300-level courses with the approval of the Programme Coordinator. Students enrolling in more than one Media and Communication course at 300-level must have 30 points at 200-level.

COMS 303 Visual Media and Communication

30 Points 0.2500 EFTS

This course examines how different visual media are used to tell both factual and fictional stories drawing on documentary, photography, ethnographic film, cinema and the internet.

P: 30 points at 200-level COMS. Students without 30 points at 200-level but with at least a B average in appropriate courses may be admitted to any one of the Media and Communication 300-level courses with the approval of the Programme Coordinator. Students enrolling in more than one Media and Communication course at 300-level must have 30 points at 200-level.

COMS303-1351 (C) Semester 1**COMS 304 Journalists at Work**

30 Points 0.2500 EFTS

This course introduces students to the sociological and cultural analysis of journalistic practices. Students will study newsrooms, journalists' relations with others, their self conceptions and the relations of these with popular representations of journalists.

P: 30 points at 200-level COMS. Students without 30 points at 200-level but with at least a B average in appropriate courses may be admitted to any one of the Media and Communication 300-level courses with the approval of the Programme Coordinator. Students enrolling in more than one Media and Communication course at 300-level must have 30 points at 200-level.

COMS304-1351 (C) Semester 1**COMS 305 Media and Social Change**

30 Points 0.2500 EFTS

Not offered in 2013

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: 30 points at 200-level COMS. Students without 30 points at 200-level but with at least a B average in appropriate courses may be admitted to any one of the Media and Communication 300-level courses with the approval of the Programme Coordinator. Students enrolling in more than one Media and Communication course at 300-level must have 30 points at 200-level.

COMS 306 Media and Conflict

30 Points 0.2500 EFTS

The course sets out to provide a critical insight and analysis into the role of media in 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: 30 points at 200-level COMS. Students without 30 points at 200-level but with at least a B average in appropriate courses may be admitted to any one of the Media and Communication 300-level courses with the approval of the Programme Coordinator. Students enrolling in more than one Media and Communication course at 300-level must have 30 points at 200-level.

R: POLS 332

EQ: POLS 332

COMS306-1352 (C) Semester 2**COMS 307 On Air and Online: Broadcasting and New Zealand**

30 Points 0.2500 EFTS

On Air and Online: Broadcasting and New Zealand surveys the current New Zealand broadcasting environment and the social, political, industry and technical developments that have influenced the form of television and radio in this country. The course explores the role broadcasting has played in shaping New Zealand society, and the ways in which New Zealand culture is reflected and produced in television and radio programming. Specific topics include: Māori broadcasting, sports, news, reality programming, drama and comedy, music, and the implications of new digital distribution tools for the concept of 'broadcasting'.

P: 30 points at 200-level COMS. Students without 30 points at 200-level but with at least a B average in appropriate courses may be admitted to any one of the Media and Communication 300-level courses with the approval of the Programme Coordinator. Students enrolling in more than one Media and Communication course at 300-level must have 30 points at 200-level.

R: COMS 206

COMS307-1352 (C) Semester 2**ARTS 395 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: Special application and interview, with permission of Internship Director.

RP: Students should attend UC Careers CV writing and Interview skills workshops prior to submitting internship application.

ARTS395-13S1 (C) Semester 1
ARTS395-13A (C) Starts Any time
ARTS395-13S2 (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 www.arts.canterbury.ac.nz/internship 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.

COMS 401 From Proposal To Publication: A Media Research Project 0.2500 EFTS

This course will guide students through the planning and writing of a major independent research project, on a topic of the student's choice related to media and communication. The course introduces students to the major approaches to media and communication research and the techniques used to produce research findings, including the apparatus of the academic paper, specific research methods and bibliographic skills. Students will apply these skills to develop their topic through a research proposal, literature review, seminar, peer-reviewed draft and a final research paper.

P: Subject to approval of the Programme Coordinator.

COMS401-13S1 (C) Semester 1

COMS 402 New Media and Visual Culture 0.2500 EFTS

The course explores the way in which new technologies and apparatus, including video, camcorders, digital cameras, digital cinematography, the internet, and video games have introduced new regimes of imagery to the mediascape and considers the cultural consequences of these changes. We examine the way in which imaging techniques which signify "the real" shift as technology changes, and the ethics, aesthetics and politics of images in the digital age. A central theme of the course is the "graphic imperative" of contemporary culture: the drive to put everything on screen. This notion underpins a consideration of changing modes of representing subjectivity, violence, war and sex.

P: Subject to approval of the Programme Coordinator.

COMS402-13S2 (C) Semester 2

COMS 404 Political Economy of Communication 0.2500 EFTS

Not offered in 2013

This course addresses the nature of the relationship between media and communication systems on the one hand and the broader social structure of society on the other. Major issues in the paper will examine how differential access to material and cultural resources shape our media and communications choices and with what implications for social relations locally and globally.

P: Subject to approval of the Programme Coordinator.

R: DIPL 414

COMS 407 Independent Media 0.2500 EFTS

This course examines how marginalized groups are represented in mainstream media and how these groups often utilise alternative media as sources of identity and social capital. The course will draw upon relevant media theory to critically explore the social, cultural and ideological ramifications of marginalized groups' representation in mainstream media. The course will then examine case studies of alternative media with an emphasis on visual communication, "underground print media, community radio, small-scale independent documentary, film and video, alternative music and a variety of uses of the Internet for maintaining and mobilizing social movements and political change.

P: Subject to approval of the Programme Coordinator.

COMS407-13S2 (C) Semester 2

COMS 420 Special Topic: Public Diplomacy 0.2500 EFTS

Not offered in 2013

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 paper reviews the emerging theoretical literature on public diplomacy and a number of case studies on how different states have used public diplomacy in recent years to improve their international image.

P: Subject to approval of the Programme Coordinator.

R: DIPL 430, POLS 430

EQ: DIPL 430, POLS 430

COMS 421 Special Topic: Presenting Sports 0.2500 EFTS

Not offered in 2013

This course focuses on the presentation of sport events on television with a particular focus on sport commentating/announcing.

P: Subject to approval of the Programme Coordinator.

R: SOCI 405

EQ: SOCI 405

COMS 422 Special Topic: Communication Ethics
0.2500 EFTS

P: Subject to approval of the Programme Coordinator.

COMS422-13S1 (C) Semester 1**COMS 423 Special Topic: Constructing News:
Who, What, Why and How?**
0.2500 EFTS

Not offered in 2013

This course explores the production of news and information in Aotearoa/New Zealand at a time when media organisations are undergoing enormous change. It addresses the forces shaping the selection and presentation of news; the implications of change for media consumers; how journalism practice is transforming; and asks what is the future of journalism?

P: Subject to approval of the Programme Coordinator.

COMS 690 MA Thesis
1.0000 EFTS

P: Subject to approval of the Programme Coordinator.

COMS690-13A (C) Starts Any time*Part-time enrolment (0.65 EFTS) is available on approval.***COMS 790 Media and Communication PhD**
1.0000 EFTS

P: Subject to approval of the Programme Coordinator.

COMS790-13A (C) Starts Any time*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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.

Medical Physics

Department of Physics and Astronomy

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.

MDPH 401 Anatomy and Physiology
0.1250 EFTS

Human anatomy, physiology, pathophysiology, cell biology, cancer, physiological measurement, medical terminology.

P: Subject to approval of the Head of Department.

MDPH401-13S1 (C) Semester 1**MDPH 402 Nuclear Medicine**
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.

MDPH402-13S2 (C) Semester 2**MDPH 403 Radiation Physics**
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: PHYS 403
EQ: PHYS 403**MDPH403-13S1 (C) Semester 1****MDPH 404 Radiation Biology**
0.1250 EFTS

Radiation measurement, radiation biology, carcinogenesis, ICRP system of radiation protection, radiation safety.

P: Subject to approval of the Head of Department.

MDPH404-13S1 (C) Semester 1**MDPH 405 Radiation Therapy**
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.

MDPH405-13S2 (C) Semester 2**MDPH 406 Medical Imaging**
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.

R: PHYS 406
EQ: PHYS 406**MDPH406-13S2 (C) Semester 2****MDPH 407 Research Tools**
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: PHYS 407

MDPH407-13W (C) Whole Year (S1 and S2)
MDPH407-13S1 (C) Semester 1**MDPH 408 Special Topic**
0.1250 EFTS

P: Subject to approval of the Head of Department.

MDPH408-13S1 (C) Semester 1**MDPH 409 Special Topic**
0.1250 EFTS

P: Subject to approval of the Head of Department.

MDPH409-13S2 (C) Semester 2

MDPH 410 Special Topic

0.1250 EFTS

P: Subject to approval of the Head of Department.

MDPH410-13S2 (C) Semester 2

MDPH 480 Medical Physics Research Project

0.2500 EFTS

An independent research project in Medical Physics for 400-level students.

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

MDPH480-13A (C) Starts Any time

MDPH 690 MSc Thesis for Medical Physics

1.0000 EFTS

P: Subject to approval of the Head of Department.

MDPH690-13A (C) Starts Any time

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

MDPH 790 Medical Physics PhD

1.0000 EFTS

P: Subject to approval of the Head of Department.

MDPH790-13A (C) Starts Any time

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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Medical Physics (Clinical)

Department of Physics and Astronomy

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.

MPHC 690 MSc Thesis for Medical Physics (Clinical)

1.0000 EFTS

P: Subject to approval of the Head of Department.

MPHC690-13A (C) Starts Any time

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

MPHC 790 Medical Physics (Clinical) PhD

1.0000 EFTS

P: Subject to approval of the Head of Department.

MPHC790-13A (C) Starts Any time

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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Microbiology

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.

MBIO 480 Project

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 BIOL 434-493

P: Subject to approval of the Head of School.

MBIO480-13W (C) Whole Year (S1 and S2)

MBIO 690 MSc Thesis

1.0000 EFTS

P: Subject to approval of the Head of School.

MBIO690-13A (C) Starts Any time

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

MBIO 790 Microbiology PhD

1.0000 EFTS

P: Subject to approval of the Head of School.

MBIO790-13A (C) Starts Any time

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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Music

Centre for Fine Arts, Music and Theatre

MUSI 103 From Notre Dame to Radiohead: 10 Ideas that Shaped Western Music

15 Points 0.1250 EFTS

From the Cathedrals of the Middle Ages, to Rock music and Globalisation in the 20th and 21st centuries, this introductory course explores a number of key personalities, ideas and developments that helped shape Western music. In the process it critically examines the nature and limitations of style categories such as 'classical' and 'popular', and gives examples of the complex relationship between music and social, political and economic forces. Prior knowledge of music history or music notation is not needed to take this course.

R: MUSI 131

MUSI103-13S1 (C) Semester 1

MUSI 107 Introduction to Materials of Music

15 Points 0.1250 EFTS

Not offered in 2013

The development of understandings and skills in the elements of music with particular emphasis on rhythm and melody. This course is for students with limited background in music theory. A good pass in this course give students a basis to embark on the advancing sequence of Materials of Music courses 171, 172, and 271.

R: MUSI 104, MUSI 105, MUSI 108, MUSI 117

MUSI 109 From Rags to Swing: the Evolution of Jazz

15 Points 0.1250 EFTS

This course reviews the evolution of jazz as an art form from its earliest origins, through a study of the personalities, styles and key elements, to its emergence as a major international musical phenomenon.

R: AMST 112

EQ: AMST 112

MUSI109-13S2 (C) Semester 2**MUSI 112 Basic Keyboard Skills**

15 Points 0.1250 EFTS

Introduction to basic keyboard skills essential for all musicians, including playing scales, chords, cadences, and simple pieces, transposing simple melodies up or down a tone or semi-tone, and simple melodic harmonisation. Students who have been credited with MUSI 120 cannot subsequently be credited with MUSI 112.

R: MUSI 172 (from 2010 or earlier)

RP: Keyboard familiarity; music reading ability is necessary.

MUSI112-13W (C) Whole Year (S1 and S2)**MUSI 113 Choir and Sightsinging**

15 Points 0.1250 EFTS

This course develops sight-singing skills and experience of choral repertoire from the Renaissance to the present through participation in a four-part choir.

MUSI113-13W (C) Whole Year (S1 and S2)**MUSI 120 Keyboard Musicianship**

15 Points 0.1250 EFTS

Keyboard musicianship including figured bass realization, transposition, cadences, melodic harmonization and open score reading including the viola C clef in string quartet textures, and the tenor G clef in SATB open scores.

R: MUSI 172 (from 2010 or earlier)

RP: Keyboard skills (minimum Grade 5 or equivalent)

MUSI120-13W (C) Whole Year (S1 and S2)**MUSI 125 Music Recording and Production Techniques**

15 Points 0.1250 EFTS

Training in the theory and practice of music recording, mixing, editing and production, including MIDI and audio-video matching. Includes recording of various music sources

(classical and band) and use of industry-standard software including ProTools and Logic.

MUSI125-13S1 (C) Semester 1*Limited entry. See limitation of entry regulations.***MUSI 126 Digital Music**

15 Points 0.1250 EFTS

Developing an understanding of, and experience in, the use of the computer as a creative tool to produce digital sound and music.

P: MUSI 125

R: MUSI 136 (2006 or earlier)

MUSI126-13S2 (C) Semester 2*Limited Entry. See limitation of entry regulations.***MUSI 127 Composition 1**

30 Points 0.2500 EFTS

Investigation of appropriate techniques and procedures springing from the compositional initiatives of each class member.

MUSI127-13W (C) Whole Year (S1 and S2)**MUSI 128 European Languages for Musicians**

15 Points 0.1250 EFTS

Not offered in 2013

Development of basic translation into English and pronunciation skills required by musicians in German, French and Italian.

MUSI 130 Music History and Literature 1

15 Points 0.1250 EFTS

Not offered in 2013

Introduces key skills and concepts necessary for studying areas such as music history, analysis, performance theory, ethnomusicology, and musical aesthetics.

R: MUSI 102

MUSI 131 Europe's Musical Heritage

15 Points 0.1250 EFTS

Provides a chronological overview of music history from at least the Renaissance to the present day, emphasising key genres, styles and composers. This course will develop the ability to recognise and contextualise a wide variety of works aurally and from score.

R: MUSI 102, MUSI 103, MUSI 123, MUSI 206

MUSI131-13S1 (C) Semester 1**MUSI 140 Second Subject Performance**

15 Points 0.1250 EFTS

This performance course is for students who wish to study as additional instrument as well as their main instrument.

P: To gain admission to MUSI 140 Second Subject Performance, the applicant will be required to pass a School of Music audition, to be held in October each year. Each applicant should be prepared to: (a) perform three pieces of his/her own choice; and (b) undergo tests of musicianship which may include aural tests and sightreading.

Applications for the School of Music audition should be

made in writing to the Administrator, School of Music, by 15 September.

MUS140-13W (C) Whole Year (S1 and S2)

MUSI 141 Performance 1

30 Points 0.2500 EFTS

Performance work involving weekly individual lessons, performance classes and ensemble training in an approved instrument.

P: To gain admission to MUSI 141 Performance 1 the applicant will be required to pass a School of Music Audition, to be held in October each year. Each applicant should be prepared to: (a) perform three pieces of his or her own choice; and (b) undergo tests of musicianship which may include aural tests and sightreading. Application for the School of Music Audition should be made in writing to the Administrator, School of Music, by 15 September.

MUS141-13W (C) Whole Year (S1 and S2)

MUSI 171 Materials of Music 1

15 Points 0.1250 EFTS

Music theory with aural and written analysis.

R: MUSI 105, MUSI 205

MUS171-13S1 (C) Semester 1

MUSI 172 Materials of Music 2

15 Points 0.1250 EFTS

Music theory with aural and written analysis.

P: MUSI 171

R: MUSI 105, MUSI 205

MUS172-13S2 (C) Semester 2

MUSI 180 Performance Recording Technology

15 Points 0.1250 EFTS

Not offered in 2013

Developing an understanding of the theories and skills of relevant technologies and processes suitable for professional work in the music industry.

R: MUSI 181

Taught at School of Jazz, CPIT.

MUSI 182 The Business of Music

15 Points 0.1250 EFTS

Not offered in 2013

Developing an understanding of the music industry, its current operation, and the roles of key organisations and individuals.

Taught at School of Jazz, CPIT.

MUSI 190 Jazz Ensemble 1

15 Points 0.1250 EFTS

Not offered in 2013

Ensemble training and performance in big band jazz.

P: School of Jazz audition

MUSI 191 Canterbury Cellists 1

15 Points 0.1250 EFTS

Ensemble training and performance in cello ensemble.

P: School of Music audition.

MUS191-13W (C) Whole Year (S1 and S2)

MUSI 192 Chamber Choir 1

15 Points 0.1250 EFTS

Not offered in 2013

Ensemble training and performance in chamber choir singing.

P: School of Music audition

MUSI 193 Gamelan 1

15 Points 0.1250 EFTS

Not offered in 2013

Ensemble training and performance in traditional Balinese gamelan. Previous experience in gamelan playing not necessary.

MUSI 194 Chamber Orchestra 1

15 Points 0.1250 EFTS

Not offered in 2013

Ensemble training and performance in chamber orchestra.

P: School of Music audition

MUSI 195 New Music Ensemble 1

15 Points 0.1250 EFTS

Not offered in 2013

Ensemble training and performance in the performance of new music.

P: School of Music audition.

MUSI 197 Piano Accompaniment 1

15 Points 0.1250 EFTS

Piano accompaniment training and performance.

P: School of Music audition.

MUS197-13W (C) Whole Year (S1 and S2)

MUSI 198 Instrumental/Vocal Ensemble 1

15 Points 0.1250 EFTS

Ensemble training and performance.

P: School of Music audition.

MUS198-13W (C) Whole Year (S1 and S2)

MUSI 210 Special Topic

15 Points 0.1250 EFTS

Not offered in 2013

P: MUSI 131

MUSI 220 Musicianship Skills 1

15 Points 0.1250 EFTS

The development of essential aural and keyboard musicianship skills (begun in MUSI 171 and MUSI 172).

P: MUSI 172 (2010 or earlier) or MUSI 120, or MUSI 112 with an A- grade or higher.

R: MUSI 217, MUSI 317

RP: Good keyboard and aural skills

MUSI220-13W (C) Whole Year (S1 and S2)

MUSI 224 Orchestration 1

15 Points 0.1250 EFTS

Developing an understanding of the acoustical principles underlying the production of sound, and to develop both an intuitive feel for sonorities and the techniques for orchestration through the study of the instruments of the orchestra and practical exercises in instrumentation.

P: MUSI 105 or MUSI 172

MUSI224-13W (C) Whole Year (S1 and S2)

MUSI 226 Sonic Art 1

15 Points 0.1250 EFTS

The course focuses on i) the familiarisation with some of the repertoire of Sonic Art and ii) the development of an understanding of, and experience with using the computer as a tool for creating sonic art.

P: MUSI 125 or MUSI 126

MUSI226-13W (C) Whole Year (S1 and S2)

Limited entry. See limitation of entry regulations.

MUSI 227 Composition 2

45 Points 0.3750 EFTS

Developing students' abilities to express their own creative compositional ideas in the most effective manner.

P: MUSI 127

R: MUSI 225

MUSI227-13W (C) Whole Year (S1 and S2)

MUSI 235 Studies in Music Education

15 Points 0.1250 EFTS

An introduction to music education in a broad perspective through a study of its philosophy, scope and practice in New Zealand and abroad.

P: Any one of MUSI 130, 131, 171, 102 or 105, or at least 30 points in non-music courses and evidence of music reading ability as approved by the Programme Coordinator.

MUSI235-13S1 (C) Semester 1

MUSI 240 Second Subject Performance 2

15 Points 0.1250 EFTS

Performance work involving weekly individual lessons, performance classes and ensemble training in an approved instrument.

P: School of Music audition, and MUSI 140 and MUSI 141.

C: MUSI 131, MUSI 172, MUSI 241.

RP: Equivalent of Grade 8 Trinity or Royal School exams.

MUSI240-13W (C) Whole Year (S1 and S2)

MUSI 241 Performance 2

45 Points 0.3750 EFTS

Performance work involving weekly individual lessons, performance classes and ensemble training in an approved instrument.

P: MUSI 141

MUSI241-13W (C) Whole Year (S1 and S2)

MUSI 242 Music of the Renaissance: 1450-1650

15 Points 0.1250 EFTS

Not offered in 2013

Studies in the history of music of the Renaissance and early Baroque periods, including social history and analysis of key works.

P: MUSI 102 or MUSI 130 or MUSI 131

R: MUSI 342

MUSI 243 Music of Court and Enlightenment: 1650-1800

15 Points 0.1250 EFTS

Not offered in 2013

Studies in the history of music of the Baroque and Classical periods, including social history and analysis of key works.

P: MUSI 102 or MUSI 130 or MUSI 131

R: MUSI 343

MUSI 244 Music in the Age of Revolutions: 1790-1890

15 Points 0.1250 EFTS

Studies in the history of music of the Romantic era, including social history and analysis of key works.

P: MUSI 102 or MUSI 130 or MUSI 131

R: MUSI 311 (2003 or 2006), MUSI 344

MUSI244-13S1 (C) Semester 1

MUSI 245 Music and Modern Times: 1890 to the present day

15 Points 0.1250 EFTS

Studies in the history of music of the twentieth and twenty-first centuries, including social history and analysis of key works.

P: MUSI 102 or MUSI 130 or MUSI 131

R: MUSI 345

MUSI245-13S2 (C) Semester 2

MUSI 251 World Music 1 - Asia

15 Points 0.1250 EFTS

Developing an understanding of the music of India, China and Japan in a global context - formal and stylistic characteristics, the instruments, circumstances, environments and ideals that have shaped the music.

P: Any one of MUSI 130, 131, 171, 102 or 105, or at least 30 points in non-music courses and evidence of music reading ability approved by Programme Coordinator.

R: MUSI 351

MUSI251-13S2 (C) Semester 2

MUSI 252 World Music 2 - Himalayas
15 Points 0.1250 EFTS

Not offered in 2013

Music from the Himalayan region - Tibet, Nepal, Sikkim, Bhutan, Kashmir and Ladakh in a global context. Developing an understanding of the formal and stylistic characteristics of the music and instruments and the circumstances, environments and ideals that have shaped them.

P: Any one of MUSI 130, MUSI 131, MUSI 171, MUSI 102 or MUSI 105 or at least 36 points in non-music courses and evidence of music reading ability approved by Head of Department.

R: MUSI 352, SAST 204, SAST 304

EQ: SAST 204

MUSI 259 Special Topic: Philosophy of Music
15 Points 0.1250 EFTS

Not offered in 2013

P: MUSI 102 or 130 or 131, or 15 points PHIL

R: MUSI 359

MUSI 271 Materials of Music 3
30 Points 0.2500 EFTS

Advanced music theory (aural perception and analysis of, and writing exercises in chromatic harmony).

P: MUSI 172 or 105

R: MUSI 201, MUSI 205

MUSI271-13W (C) Whole Year (S1 and S2)

MUSI 290 Jazz Ensemble 2
15 Points 0.1250 EFTS

Not offered in 2013

Advanced ensemble training and performance in big band jazz.

P: MUSI 190 or any one of MUSI 142-MUSI 145 in Big Band Jazz plus School of Jazz audition.

MUSI 291 Canterbury Cellists 2
15 Points 0.1250 EFTS

Advanced ensemble training and performance in cello ensemble.

P: MUSI 191 plus School of Music audition.

MUSI291-13W (C) Whole Year (S1 and S2)

MUSI 292 Chamber Choir 2
15 Points 0.1250 EFTS

Not offered in 2013

Advanced ensemble training and performance in chamber choir singing.

P: MUSI 192 or any one of MUSI 142-MUSI 145 in Chamber Choir plus School of Music audition.

MUSI 293 Gamelan 2
15 Points 0.1250 EFTS

Not offered in 2013

Advanced ensemble training and performance in traditional Balinese gamelan.

P: MUSI 193 or any one of MUSI 142-MUSI 145 in Gamelan.

MUSI 294 Chamber Orchestra 2
15 Points 0.1250 EFTS

Not offered in 2013

Advanced ensemble training and performance in chamber orchestra.

P: MUSI 194 or any one of MUSI 142-MUSI 145 in Chamber Orchestra plus School of Music audition.

MUSI 295 New Music Ensemble 2
15 Points 0.1250 EFTS

Not offered in 2013

Advanced ensemble training and performance in the performance of new music.

P: MUSI 195 or any one of MUSI 142-MUSI 145 in New Music Ensemble plus School of Music audition.

MUSI 297 Piano Accompaniment 2
15 Points 0.1250 EFTS

Advanced piano accompaniment training and performance.

P: MUSI 197 or any one of MUSI 142-MUSI 145 in Piano Accompaniment plus School of Music audition.

MUSI297-13W (C) Whole Year (S1 and S2)

MUSI 298 Instrumental/Vocal Ensemble 2
15 Points 0.1250 EFTS

Advanced ensemble training and performance in chamber music.

P: MUSI 198 or any one of MUSI 142-MUSI 145 in Chamber Music.

MUSI298-13W (C) Whole Year (S1 and S2)

MUSI 310 Special Topic
30 Points 0.2500 EFTS

P: Any 15 points of MUSI at 200-level approved by the Programme Coordinator.

R: MUSI 359

MUSI310-13S1 (C) Semester 1

MUSI310-13W (C) Whole Year (S1 and S2)

MUSI 311 Special Topic
30 Points 0.2500 EFTS

Not offered in 2013

P: (1) MUSI 242 or MUSI 243 or MUSI 245; or (2) MUSI 251 and either MUSI 130 or MUSI 131.

MUSI 313 Historical Performance Practice
30 Points 0.2500 EFTS

Not offered in 2013

Develops understanding of key issues in the historical performance of music (ie, that which aspires to reproduce aspects of performance practice current at the time the music was composed), and either practical experience in performance using historical techniques and instruments or the production of historically informed musical editions for performance and scholarly use.

P: Any one of MUSI 242-245 and School of Music Audition.

MUSI 315 Twentieth Century Music Textures
30 Points 0.2500 EFTS
The methods and techniques of composition in the works of various 20th century composers.
P: MUSI 271, MUSI 272, MUSI 205 or MUSI 201
MUSI315-13S2 (C) Semester 2

MUSI 318 Studies in Music Research
30 Points 0.2500 EFTS
Not offered in 2013
Practical studies in library resource, bibliographical material, writing up research reports and basic editorial procedures.
P: MUSI 271 and any one of MUSI 242-245 or 251-252

MUSI 320 Musicianship and Conducting
30 Points 0.2500 EFTS
The further development of musicianship skills essential to conductors taught in MUSI 220, and basic conducting techniques.
P: MUSI 271 and 220 (with a B grade or higher).
R: MUSI 317
RP: A pass in MUSI 224 orchestration is strongly recommended.
MUSI320-13W (C) Whole Year (S1 and S2)

MUSI 326 Sonic Art II
30 Points 0.2500 EFTS
Practical composition using the facility of the Electronic Music Studio and other appropriate resources. Requires permission of the Head of Department.
P: MUSI 226
MUSI326-13W (C) Whole Year (S1 and S2)

MUSI 327 Composition 3
60 Points 0.5000 EFTS
Developing students' abilities to express their own creative compositional ideas in the most effective manner.
P: MUSI 172 and MUSI 227 with a B- grade or higher.
MUSI327-13W (C) Whole Year (S1 and S2)

MUSI 335 Aspects of Music Education
30 Points 0.2500 EFTS
An introduction to philosophical, psychological, historical and pedagogical issues relevant to New Zealand music education today.
P: MUSI 235
MUSI335-13S1 (C) Semester 1

MUSI 340 Second Subject Performance 3
30 Points 0.2500 EFTS
Individual tuition in a second instrument.
P: By audition, and MUSI 240.
C: MUSI 341
MUSI340-13W (C) Whole Year (S1 and S2)

MUSI 341 Performance 3
60 Points 0.5000 EFTS
Performance work involving weekly individual lessons, performance classes and ensemble training in an approved instrument and the presentation of a public recital.
P: MUSI 131, MUSI 172, and MUSI 241 (with a B- grade or higher).
MUSI341-13W (C) Whole Year (S1 and S2)

MUSI 342 Music of the Renaissance: 1450-1650 (Advanced)
30 Points 0.2500 EFTS
Not offered in 2013
Advanced studies in the history of music of the Renaissance and early Baroque periods, including social history and musicological analysis.
P: Any one of MUSI 235, 243, 244, 245, 251 or 252.
R: MUSI 242
RP: A thorough grasp of music notation and theory is required for this course.

MUSI 343 Music of Court and Enlightenment: 1650-1800 (Advanced)
30 Points 0.2500 EFTS
Not offered in 2013
Advanced studies in the history of music of the Baroque and Classical periods, including social history and musicological analysis.
P: MUSI 271 and any one of MUSI 235, 242, 244, 245, 251 or 252.
R: MUSI 243

MUSI 344 Music in the Age of Revolutions: 1790-1890 (Advanced)
30 Points 0.2500 EFTS
Advanced studies in the history of music of the Romantic era, including social history and musicological analysis.
P: MUSI 271 and any one of MUSI 235, 242, 243, 245, 251 or 252
R: MUSI 244
MUSI344-13S1 (C) Semester 1

MUSI 345 Music and Modern Times: 1890 to the present day (Advanced)
30 Points 0.2500 EFTS
Studies in the history of music of the twentieth and twenty-first centuries, including social history and musicological analysis.
P: MUSI 271 and any one of MUSI 235, 242, 243, 244, 251 or 252.
R: MUSI 245
MUSI345-13S2 (C) Semester 2

MUSI 351 World Music 1 - Asia
30 Points 0.2500 EFTS
Not offered in 2013
Developing an understanding of the music of India, China and Japan in a global context - formal and

stylistic characteristics, the instruments, circumstances, environments and ideals that have shaped the music.

P: Any one of MUSI 235, 242-245 or 252

R: MUSI 251

MUSI 352 World Music 2 - Himalayas

30 Points 0.2500 EFTS

Music from the Himalayan region - Tibet, Nepal, Sikkim, Bhutan, Kashmir and Ladakh in a global context. Developing an understanding of the formal and stylistic characteristics of the music and instruments and the circumstances, environments and ideals that have shaped them.

P: Any one of MUSI 235, MUSI 242-245 or MUSI 251

R: MUSI 252, SAST 204, SAST 304

EQ: SAST 304

MUSI352-1352 (C) Semester 2

MUSI 359 Philosophy of Music

30 Points 0.2500 EFTS

Not offered in 2013

A study of the central ideas in the philosophy of music in the western tradition from Plato to Hanslick.

P: Any one of MUSI 235, 242, 243, 244, 245, 251 or 252

R: MUSI 310 in 2004 or 2005, MUSI 210

MUSI 380 Jazz Research Topic

30 Points 0.2500 EFTS

Not offered in 2013

The design, management, completion and evaluation of a negotiated research study related to the jazz genre.

P: B grade or higher in CPIT - JZMS 610 or JZAR 608.

MUSI 381 Jazz Theory 3

30 Points 0.2500 EFTS

Not offered in 2013

The development of a thorough working knowledge of jazz theory and contemporary stylistic devices.

P: B grade or higher in CPIT - JZPF 615 or JZAR 608.

MUSI 382 Jazz Arranging and Composition 3

60 Points 0.5000 EFTS

Not offered in 2013

Jazz arranging and composing pieces for performance for specific ensemble and orchestral section.

P: B grade or higher in CPIT - JZAR 608.

MUSI 383 Jazz Performance 3

60 Points 0.5000 EFTS

Not offered in 2013

Jazz performance work involving weekly individual lessons, small group combos and big band in an approved instrument or voice.

P: B grade or higher in CPIT - JZAR 610

MUSI 390 Jazz Ensemble 3

15 Points 0.1250 EFTS

Not offered in 2013

Advanced ensemble training and performance including development of leadership and soloist roles in big band jazz.

P: MUSI 290 or any two of MUSI 142-MUSI 145 in Big Band Jazz plus School of Music audition.

MUSI 391 Canterbury Cellists 3

15 Points 0.1250 EFTS

Advanced ensemble training and performance including development of leadership and soloist roles in cello ensemble.

P: MUSI 291 or any two of MUSI 142-MUSI 145 in Canterbury Cellists plus School of Music audition.

MUSI391-13W (C) Whole Year (S1 and S2)

MUSI 392 Chamber Choir 3

15 Points 0.1250 EFTS

Not offered in 2013

Advanced ensemble training and performance including development of leadership and soloist roles in chamber choir singing.

P: MUSI 292 or any two of MUSI 142-MUSI 145 in Chamber Choir plus successful current audition.

MUSI 393 Gamelan 3

15 Points 0.1250 EFTS

Not offered in 2013

Advanced ensemble training and performance including development of leadership and soloist roles in traditional Balinese gamelan.

P: MUSI 293 or any two of MUSI 142-MUSI 145 in Gamelan.

MUSI 394 Chamber Orchestra 3

15 Points 0.1250 EFTS

Not offered in 2013

Advanced ensemble training and performance including development of leadership and soloist roles in chamber orchestra.

P: MUSI 294 or any two of MUSI 142-MUSI 145 in Chamber Orchestra plus School of Music audition.

MUSI 395 New Music Ensemble 3

15 Points 0.1250 EFTS

Not offered in 2013

Advanced ensemble training and performance including development of leadership and soloist roles in the performance of new music.

P: MUSI 295 or any two of MUSI 142-MUSI 145 in New Music Ensemble plus School of Music audition.

MUSI 397 Piano Accompaniment 3

15 Points 0.1250 EFTS
Advanced piano accompaniment training and performance to a professional standard.

P: MUSI 297 or any two of MUSI 142-MUSI 145 in Piano Accompaniment plus School of Music audition.

MUSI397-13W (C) Whole Year (S1 and S2)

MUSI 398 Instrumental/Vocal Ensemble 3

15 Points 0.1250 EFTS
Advanced ensemble training and performance including development of leadership and soloist roles.

P: MUSI 298 or any two of MUSI 142-MUSI 145 in Chamber Music.

MUSI398-13W (C) Whole Year (S1 and S2)

ARTS 395 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: Special application and interview, with permission of Internship Director.

RP: Students should attend UC Careers CV writing and Interview skills workshops prior to submitting internship application.

ARTS395-13S1 (C) Semester 1

ARTS395-13A (C) Starts Any time

ARTS395-13S2 (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 www.arts.canterbury.ac.nz/internship 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.

MUSI 456 Advanced Research Techniques

0.2500 EFTS

Not offered in 2013

P: (1) MUSI 318; (2) Subject to approval of the Head of Department.

R: MUSI 411, MUSI 601

MUSI 457 Studies in Music History

0.2500 EFTS

P: (1) One of MUSI 351, MUSI 352, MUSI 342-345; (2) subject to approval of Programme Coordinator.

R: MUSI 412, MUSI 602

MUSI457-13W (C) Whole Year (S1 and S2)

MUSI 458 Studies in Music Analysis

0.2500 EFTS

P: (1) One of MUSI 315, 351, 352, MUSI 342-345; (2) subject to approval of Programme Coordinator.

R: MUSI 408, MUSI 604

MUSI458-13W (C) Whole Year (S1 and S2)

MUSI 459 Studies in the Aesthetics of Music

0.2500 EFTS

P: Subject to approval of the Programme Coordinator.

R: MUSI 407, MUSI 605

MUSI459-13W (C) Whole Year (S1 and S2)

MUSI 460 A Topic in Music Criticism

0.2500 EFTS

P: Subject to approval of the Programme Coordinator.

R: MUSI 413, MUSI 606

MUSI460-13W (C) Whole Year (S1 and S2)

MUSI 461 A Documentary Study of a Prescribed Topic

0.2500 EFTS

P: Subject to approval of the Programme Coordinator.

R: MUSI 414, MUSI 607

MUSI461-13W (C) Whole Year (S1 and S2)

MUSI 462 World Music - Advanced Studies

0.2500 EFTS

P: Subject to approval of the Programme Coordinator.

R: MUSI 402, MUSI 608

MUSI462-13W (C) Whole Year (S1 and S2)

MUSI 463 Comparative Studies in Music Education

0.2500 EFTS

P: (1) MUSI 335 or MUSI 336; (2) Subject to approval of the Subject to approval of the Programme Coordinator.

R: MUSI 403, MUSI 609

MUSI463-13W (C) Whole Year (S1 and S2)

MUSI 464 Curriculum Studies in Music Education

0.2500 EFTS

P: (1) MUSI 335 or MUSI 336; (2) Subject to approval of the Programme Coordinator.

R: MUSI 405, MUSI 610

MUSI464-13W (C) Whole Year (S1 and S2)

MUSI 465 Special Topic

0.2500 EFTS

Not offered in 2013

P: Subject to approval of the Programme Coordinator.
R: MUSI 406, MUSI 611

MUSI 466 Research Project

0.2500 EFTS

P: Subject to approval of the Programme Coordinator.
MUSI466-13W (C) Whole Year (S1 and S2)

MUSI 471 Composition 4

0.5000 EFTS

P: (1) MUSI 327; (2) Subject to approval of the Programme Coordinator.
R: MUSI 409, MUSI 420
MUSI471-13W (C) Whole Year (S1 and S2)

MUSI 472 Electro-acoustic Music

0.2500 EFTS

P: (1) MUSI 326; (2) Subject to approval of the Programme Coordinator.
MUSI472-13W (C) Whole Year (S1 and S2)

MUSI 473 Performance 4

0.5000 EFTS

P: (1) MUSI 341 (B+ grade or higher); (2) Subject to approval of the Programme Coordinator.
R: MUSI 441
MUSI473-13W (C) Whole Year (S1 and S2)

MUSI 474 Ensemble Performance

0.2500 EFTS

P: (1) MUSI 341 (B- grade or higher); (2) Subject to approval of the Programme Coordinator
MUSI474-13W (C) Whole Year (S1 and S2)

MUSI 480 Research Essay (Extended)

0.5000 EFTS

An extended research essay in an area of Musicology, including music history, ethnomusicology, music education, and philosophy of music

P: Subject to approval of the Head of Department.
R: MUSI 466
RP: Students should discuss their research topic with a potential supervisor prior to enrolling in the course.
MUSI480-13W (C) Whole Year (S1 and S2)

MUSI 481 Research Essay

0.2500 EFTS

P: Subject to approval of the Programme Coordinator.
MUSI481-13W (C) Whole Year (S1 and S2)

MUSI 690 MA Thesis

1.0000 EFTS

P: Subject to approval of the Programme Coordinator.
MUSI690-13A (C) Starts Any time
Part-time enrolment (0.65 EFTS) is available on approval.

MUSI 692 MMus Performance

1.0000 EFTS

P: Subject to approval of the Programme Coordinator.
MUSI692-13A (C) Starts Any time

MUSI 693 MMus Composition

1.0000 EFTS

P: Subject to approval of the Programme Coordinator.
MUSI693-13A (C) Starts Any time

MUSI 795 Music DMA

1.0000 EFTS

P: Subject to approval of the Programme Coordinator.
MUSI795-13A (C) Starts Any time
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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

MUSI 790 Music PhD

1.0000 EFTS

P: Subject to approval of the Programme Coordinator.
MUSI790-13A (C) Starts Any time
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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Natural Resources Engineering

Department of Civil and Natural Resources Engineering

ENCN 201 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.
ENCN201-13W (C) Whole Year (S1 and S2)

ENCN 213 Design Studio 1

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: ENCI 211
ENCN213-13S2 (C) Semester 2

ENCN 221 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.

ENCN221-1351 (C) Semester 1

ENCN 231 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: ENCI 230, ENCI 234

ENCN231-1351 (C) Semester 1

ENCN 242 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: ENCI 241

ENCN242-1352 (C) Semester 2

ENCN 253 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: ENCI 252, ENCI 271

ENCN253-1352 (C) Semester 2

ENCN 261 Transport and Surveying

15 Points 0.1250 EFTS

Introduction to transportation engineering. Geometric design of roads. Surveying fundamentals. Surveying camp.

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

R: ENCI 262

ENCN261-1351 (C) Semester 1

ENCN 281 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: ENNR 203, ENCI 383

ENCN281-1352 (C) Semester 2

ENCN 301 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: ENCN 201

ENCN301-13W (C) Whole Year (S1 and S2)

ENCN 304 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: EMTH 210

C: ENCN 305

R: ENCI 302

ENCN304-1351 (C) Semester 1

ENCN 305 Computer Programming and Stochastic Modelling

15 Points 0.1250 EFTS

Programming in Matlab. Exploratory data analysis, model fitting, optimisation, maximum likelihood, residuals analysis, outlier detection, simulation, bootstrap methods.

P: EMTH 210

R: ENCI 303

ENCN305-1351 (C) Semester 1

ENCN 342 Fluid Mechanics and Hydraulics

15 Points 0.1250 EFTS

Open channel flow; pipe networks; Navier-Stokes equations; scale and dimensional analysis; inviscid flow; boundary layers; turbulent flow; lift and drag.

P: ENCN 242, EMTH 210

R: ENCI 341

ENCN342-1352 (C) Semester 2

ENCN 353 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: ENCN 253, EMTH 210

R: ENCI 351

ENCN353-1352 (C) Semester 2

ENCN 371 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: ENCI 363, ENCI 403

ENCN371-1351 (C) Semester 1

ENNR 313 Natural Resources Engineering Design Studio 2

15 Points 0.1250 EFTS
 Conceptual design of multi-disciplinary natural resources engineering projects; regulatory planning; professional skills; economic, social and environmental assessments.

P: ENCN 213, ENCN 242, ENCN 261, ENCN 281, ENCN 371
 R: ENCI 312, ENCI 313

ENNR313-13S2 (C) Semester 2

ENNR 320 Integrated Catchment Analysis

15 Points 0.1250 EFTS
 Integrated analysis of water, land, and ecology. GIS, spatial analysis, soils, hydro-meteorology, vegetation, catchment hydrology, catchment-level policy, systems analysis.

P: ENCN 242
 R: ENNR 306

ENNR320-13S1 (C) Semester 1

ENNR 322 Ecological Engineering

15 Points 0.1250 EFTS
 Principles of ecological engineering, ecosystem biogeochemical dynamics, toxicology, stormwater and non-point source pollution control, sub-surface contaminant transport.

P: ENCN 242, ENCN 281
 R: ENNR 305

ENNR322-13S2 (C) Semester 2

ENCN 401 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, sustainable rural and city transportation, shelter and housing construction in rural communities, engineering in a cultural and sustainable context using appropriate technology.

P: ENNR 313 or ENCI 313 or subject to approval of the Director of Studies.
 R: ENNR 451

ENCN401-13S1 (C) Semester 1

ENCN 412 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: ENCN 261 or subject to approval of the Director of Studies.
 R: ENCI 412

ENCN412-13S2 (C) Semester 2

ENCN 415 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: ENCN 221
 R: ENCI 415

ENCN415-13S1 (C) Semester 1

ENCN 444 Water Infrastructure and Design

15 Points 0.1250 EFTS
 Hydraulic design and modelling of water infrastructure including channels, hydraulic structures, pipe networks, and wells.

P: ENCI 313 or ENNR 313, ENCN 342, ENCN 304
 R: ENCI 444, ENNR 404, ENNR 407

ENCN444-13S1 (C) Semester 1

ENCN 445 Environmental Fluid Mechanics

15 Points 0.1250 EFTS

Not offered in 2013

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
 R: ENCI 445

ENCN 452 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: ENCN 453
 R: ENCI 452

ENCN452-13S1 (C) Semester 1

ENCN 454 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: ENCN 452

ENCN454-13S2 (C) Semester 2

ENCN 470 Professional Engineering Development

15 Points 0.1250 EFTS
 Professional issues in Civil and Natural Resources Engineering. Society and environment, ethics, communication skills, historical developments, future engineering issues, and system thinking.

P: ENCN 301 (in 2014, and beyond)

ENCN470-13S2 (C) Semester 2

ENCN 481 Environmental Engineering Design

15 Points 0.1250 EFTS

Project-based design for treatment of contaminated media. Could include treatment of wastewaters, landfill design, or remediation of contaminated soils. Laboratories, field trips.

P: ENCN 281 or Subject to approval of the Director of Studies.

R: ENCI 481, ENCI 482

ENCN481-13S2 (C) Semester 2

ENCN 493 Project

30 Points 0.2500 EFTS

Engineering Research Project.

P: Completion of Second Professional year or Subject to approval of the Director of Studies.

R: ENCI 493, ENCI 494, ENCN 494

ENCN493-13W (C) Whole Year (S1 and S2)

ENGR 403 Introduction to 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.

ENGR403-13SU1 (C) Summer (Jan 13)

ENGR403-13S1 (C) Semester 1

ENGR 411 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.

ENGR411-13S1 (C) Semester 1

ENGR411-13W (C) Whole Year (S1 and S2)

ENGR411-13S2 (C) Semester 2

ENNR 405 Ecological and Bioresources Engineering

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: ENNR 320, ENNR 322 or subject to approval of the Director of Studies.

ENNR405-13S1 (C) Semester 1

ENNR 422 Water Resources and Irrigation Engineering

15 Points 0.1250 EFTS

Management science techniques in water resources. Water resource systems, dams and reservoirs, river engineering, restoration and modelling.

P: ENNR 320, ENCN 342 or Subject to approval of the Director of Studies.

ENNR422-13S2 (C) Semester 2

ENNR 423 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: ENNR 313 or permission of Director of Studies.

ENNR423-13S1 (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.

ENGE 412 Rock Mechanics and Rock Engineering

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

ENGE412-13S1 (C) Semester 1

ENGE 415 Engineering Geomorphology and Geohazards

0.1250 EFTS

This course covers the principles and processes of landform evolution - tectonic, fluvial, mass movement, coastal, volcanic, glacial erosion and deposition: with application to site selection, field exercises, case studies.

P: Approval from the Head of Department of Geological Sciences.

R: ENGE 477; ENGE 486

ENGE415-13S2 (C) Semester 2

GEOL 475 Engineering and Environmental Geophysics

0.1250 EFTS

The focus is on near-surface geophysics and its applications, which include mapping and monitoring of groundwater resources, engineering applications, mapping of structure and stratigraphy, and archeological and forensic work. The material covered in GEOL 475 should provide much of the background needed to begin to read, and ultimately contribute to, the geophysical technical literature.

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 480

GEOL475-13S1 (C) Semester 1

Pacific Studies

Macmillan Brown Centre for Pacific Studies

PACS 101 Peopling the Pacific

15 Points 0.1250 EFTS

People, Migration and Culture in the Pacific.

PACS101-1351 (C) Semester 1

PACS 102 Aotearoa: Introduction to Traditional Māori Society

15 Points 0.1250 EFTS

A comprehensive introduction to: the settlement of the Pacific, Polynesian navigation, star paths, renaissance of voyaging, Māori astronomy, new year stars. Creation myths, Skyfather, Earthmother, gods, origins of life and death. Demigods - Maui, Tawhaki, Whaitiri. Oral traditions, first arrivals, canoe ancestors, explorers, romance, sexual imagery, war. Spiritual beliefs, mana, tapu, makutu black magic witchcraft. Māori geography of New Zealand, greenstone trails, forest lore, pa and settlements, meeting houses, sacred rituals and protocols. Social structure, tribal organisation, leadership, marriage, sex, death. Fortifications, warfare, weapons, canoes, cannibalism. Wood, bone, greenstone carving, tattoo and moko. Performing arts, haka, contemporary themes. Ngai Tahu traditions.

R: MAOR 107

EQ: MAOR 107

PACS102-1351 (C) Semester 1

PACS 103 Tuatahi: Introducing First Nations Indigenous Peoples

15 Points 0.1250 EFTS

Not offered in 2013

Defining indigenous peoples. Indigenous knowledge, spiritual and cultural origins, oral traditions, traditional environmental knowledge. Colonisation and resistance, fatal impact, Christianity, treaties, war, adaptation and assimilation. The UN, decolonisation, independence, the indigenous renaissance. Globalisation, IMF, World Bank, World Trade Organisation. ILO 169, UN Declaration on the Rights of Indigenous Peoples. World map of first peoples, Europe, the former Soviet Union, China, North America, the Pacific, Africa, Asia, Central and South America, development, poverty, free trade, foreign aid. Land settlements, new treaties, natural resources, racism, culture and language revitalisation, Aids, terrorism.

R: MAOR 171

EQ: MAOR 171

PACS 104 Special Topic: Political Economy of the Pacific

15 Points 0.1250 EFTS

The course will provide students with basic knowledge about and understanding of the main political and economic systems in the Pacific Islands and the processes that influence the evolution and development of such systems. The course will deal with areas such as constitutional government, political party systems,

market and capitalist economies. It will also deal with contributing and salient factors such as climate change, population growth, education for development and cultural and regional boundaries. This thematic treatment will be underpinned by regional and national case studies. It should provide students at the end with a basic understanding of how politics and economics govern Pacific jurisdictions.

PACS104-1351 (C) Semester 1

PACS 201 Introduction to Pacific Peoples and Cultures

15 Points 0.1250 EFTS

This course offers students the opportunity to identify challenges facing Pacific communities in New Zealand and the Pacific Islands, and to develop possible solutions. Students are introduced to Pacific as well as Metro-Centre worldviews and are encouraged to critically reflect on their own understanding of Pacific issues.

P: PACS 101 with a B pass or better, or a B average in 60 points in appropriate courses with the approval of the Programme Coordinator.

PACS201-1352 (C) Semester 2

PACS 202 The Pacific Islands: Early European and Polynesian Visions

15 Points 0.1250 EFTS

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: PACS 101 with a B pass or better, or a B average in 60 points in appropriate courses with the approval of the Programme Coordinator.

R: ANTH 215, ANTH 315, HIST 266, HIST 392, PACS 302

EQ: ANTH 215, HIST 266

PACS202-125U2 (C) Summer (Nov 12)

PACS202-1352 (C) Semester 2

PACS 203 World Politics: Australia, New Zealand and South Pacific

15 Points 0.1250 EFTS

Not offered in 2013

A comparative analysis of the politics of New Zealand, Australia and Pacific Island countries.

P: PACS 101 with a B pass or better, or a B average in 60 points in appropriate courses with the approval of the Programme Coordinator.

R: POLS 214

EQ: POLS 214

PACS 204 Ethnicity and History

15 Points 0.1250 EFTS

This course provides a critical introduction to the historical and anthropological study of ethnicity, race and migration, with a particular emphasis on New Zealand.

P: PACS 101 with a B pass or better, or a B average in 60 points in appropriate courses with the approval of the Programme Coordinator.

R: ANTH 223, HIST 283, MAOR 230, SOCI 223

EQ: ANTH 223, HIST 288, MAOR 230, SOCI 223

PACS204-1352 (C) Semester 2

PACS 205 Special Topic: Global Development and the Pacific

15 Points 0.1250 EFTS
This course will provide students with the opportunity to consider the development discourse and practice in the Pacific Islands. What is development, conceptually and practically? How is development and democracy linked, if at all? What is the western development 'logic'? What is the response from the Pacific nations? Why is it difficult for Pacific nations to 'develop'? An analytical examination of the global development agenda and Pacific development initiatives will be carried out.

P: PACS 101 with a B pass or better, or a B average in 60 points in appropriate courses with the approval of the Programme Coordinator.

PACS205-13S2 (C) Semester 2

PACS 301 Special Topic: Gender and Transgender in Samoa and Polynesian comparisons

30 Points 0.2500 EFTS
P: Any 60 points at 200-level.

PACS301-12SU2 (C) Summer (Nov 12)

PACS 302 The Pacific Islands: Early European and Polynesian Visions

30 Points 0.2500 EFTS
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: 15 points at 200-level in PACS or a B average in 30 points in appropriate courses with the approval of the Programme Coordinator.

R: ANTH 215, ANTH 315, HIST 266, HIST 392, PACS 202

EQ: ANTH 315, HIST 392

PACS302-12SU2 (C) Summer (Nov 12)

PACS302-13S2 (C) Semester 2

PACS 303 International Politics: New Zealand, Conflict and Pacific Politics

30 Points 0.2500 EFTS

Not offered in 2013

This course analyses New Zealand's defence and foreign policy as it enters the century of the Pacific.

P: 15 points at 200-level in PACS, or a B average in 30 points in appropriate courses with the approval of the Programme Coordinator.

EQ: POLS 308

PACS 304 Independent Course of Study

30 Points 0.2500 EFTS

Not offered in 2013

P: By permission of the Programme Coordinator.

PACS 305 Special Topic: Special Topic Democracy and Governance in the Pacific

30 Points 0.2500 EFTS

The course will provide students with an opportunity to delve in-depth into, arguably, the two most important

concepts in political development. This is more so, when one considers that much of the sustainability of political and economic systems of Pacific nations depends on the 'fit' between democracy, governance and socioeconomic development. What is democracy? Is there an acceptable definition? What is governance? Is it a reality or ideal? Are the Pacific nations' systems of democracy and governance appropriate for what they are designed to do? What are the challenges? How can political, and other, outcomes be improved for Pacific societies?

P: 15 points at 200-level in PACS, or a B average in 30 points in appropriate courses with the approval of the Programme Coordinator.

PACS305-13S2 (C) Semester 2

PACS 306 Special Topic: The Pacific: Sustainable Self-Determination

30 Points 0.2500 EFTS

This course addresses the intersection of energy, environment, economics and development theory in the Pacific Islands.

P: 45 points of PACS at 200-level, or a B average in 45 points at 200-level.

PACS306-13S1 (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.

PACS 401 Pacific Studies

0.2500 EFTS

This interdisciplinary course introduces Pacific Studies and examines some of the key issues pertinent to it as an area of academic study - its development, epistemology, approaches and directions. The course also examines selected contemporary issues facing the Pacific Island states and societies.

P: Subject to approval of the Head of Department.

PACS401-13W (C) Whole Year (S1 and S2)

PACS 402 Special Topic: Pacific Research Methods

0.2500 EFTS

The course examines Pacific research methodologies. It is designed to facilitate students seeking to embark on postgraduate studies.

P: Subject to Head of Department

PACS402-13W (C) Whole Year (S1 and S2)

PACS 404 The Politics of Oceania

0.2500 EFTS

Not offered in 2013

This course will focus on the politics and internal conflict of selected countries in Oceania.

P: Subject to approval of the Head of Department.

R: POLS 415, DIPL 411

EQ: POLS 415, DIPL 411

PACS 407 Special Topic

0.2500 EFTS

P: Subject to approval of the Head of Department.

PACS407-13S1 (C) Semester 1**PACS 408 Coastal Studies**

0.2500 EFTS

Not offered in 2013

P: Subject to approval of the Head of Department.

R: GEOG 437, GEOG 438

PACS 410 Cross-Cultural Education in Aotearoa

0.2500 EFTS

Not offered in 2013

An introduction to culture and communication theory and an exploration of the implications of the Treaty of Waitangi on bicultural developments and education in Aotearoa.

P: Subject to approval of the Head of Department.

R: EDUC 657

PACS 412 Te Mahi Taonga: Māori and 4th World Indigenous Art in Perspective

0.2500 EFTS

This course interprets Māori and 4th World Indigenous art according to a variety of mythological, archaeological, historical and bicultural perspectives. Students will also be encouraged to develop their own understandings of, and relationships to, Māori and 4th World Indigenous art.

P: Subject to approval of the Head of Department.

R: ARTH 401, MAOR 418

EQ: ARTH 401, MAOR 418

PACS412-13S2 (C) Semester 2**PACS 414 Art Theory**

0.2500 EFTS

Not offered in 2013

P: Subject to approval of the Head of Department.

R: ARTT 415

EQ: ARTT 415

PACS 417 Special Topic

0.2500 EFTS

P: Subject to approval of the Head of Department.

PACS417-13S2 (C) Semester 2**PACS 418 Colonialism to Partnership? Europe in the Pacific**

0.2500 EFTS

Not offered in 2013

Why is the Pacific and Asia important to the EU? Is it possible for the EU to think of the Pacific outside the development framework? Is it true that the EU is purely egotistical in its relationship with Asia? How do Asia and the Pacific view the EU? Could the EU act as a 'bridge' between the Pacific and Asia? How is the relationship characterised from all sides? This course is an in-depth survey of the evolving multifaceted linkages between the EU, Pacific and Asia. At the end, students will be able to appreciate both the paradigmatic and practical aspects of the relationships.

Classes will consist of formal lectures and interactive seminars.

P: Subject to approval of the Head of Department.

R: EURO 404, FREN 421

EQ: EURO 404, FREN 421

PACS 419 Rangahau Taketake - Research Methodologies: Indigenizing the Disciplines

0.2500 EFTS

The course examines Māori and indigenous research methodologies. It is designed to facilitate students seeking to embark on post-graduate studies.

P: Any 60 points at 300-level in Māori and Indigenous Studies or by permission from the Head of School.

R: MAOR 404

EQ: MAOR 404

PACS419-13S1 (C) Semester 1**PACS 421 Special Topic**

0.2500 EFTS

P: Subject to approval of the Head of Department.

PACS421-13S1 (C) Semester 1**PACS 423 Special Topic**

0.2500 EFTS

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

PACS423-13W (C) Whole Year (S1 and S2)**PACS 480 Research Essay**

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.

PACS480-13W (C) Whole Year (S1 and S2)**PACS 690 MA Thesis**

1.0000 EFTS

P: Subject to approval of the Head of Department.

PACS690-13A (C) Starts Any time*Part-time enrolment (0.65 EFTS) is available on approval.***PACS 790 Pacific Studies PhD**

1.0000 EFTS

P: Subject to approval of the Head of Department.

PACS790-13A (C) Starts Any time*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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Painting

Centre for Fine Arts, Music and Theatre

PAIN 201 Painting

90 Points 0.7500 EFTS
A study of painting through a series of interrelated projects. Participation in group discussions and full documentation of year's work required.

P: FINT 103

PAIN201-13W (C) Whole Year (S1 and S2)

Limited entry. See limitation of entry regulations.

PAIN 301 Painting

90 Points 0.7500 EFTS
A study of painting and drawing with an emphasis on students evolving their own conceptual frameworks and working methods. Participation in group discussions and slide presentations. Full documentation of year's work required.

P: (1) PAIN 201, (2) 30 points at 100-level in ARTH, and (3) 15 points at 200-level in ARTH.

PAIN301-13W (C) Whole Year (S1 and S2)

Limited entry. See limitation of entry regulations.

PAIN 401 Painting

90 Points 0.7500 EFTS
Each student will be required to pursue an individual programme and to cultivate methods appropriate to it. Group discussions and slide presentations are an integral part of the course. Full documentation of year's work required.

P: PAIN 301

PAIN401-13W (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.

PAIN 501 Painting

0.7500 EFTS
P: (1) FBAP 301 or FBAP 402 or PAIN 401; (2) Subject to approval of the Head of Department.

PAIN501-13W (C) Whole Year (S1 and S2)

PAIN 550 Research Paper

0.2500 EFTS
P: (1) FBAP 301 or FBAP 402 or PAIN 401; (2) Subject to approval of the Head of Department.

PAIN550-13W (C) Whole Year (S1 and S2)

PAIN 601 Painting M.F.A.

1.0000 EFTS
P: Subject to approval of the Head of Department.
PAIN601-13A (C) Starts Any time

PAIN 602 Painting

0.5000 EFTS
P: Subject to approval of the Head of Department.
PAIN602-13W (C) Whole Year (S1 and S2)

Philosophy

School of Humanities

PHIL 101 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 is a beginner's guide to philosophy. Learn to question assumptions and think outside the box.

R: PHIL 132

PHIL101-13S2 (C) Semester 2

PHIL 110 Science: Good, Bad, and Bogus

15 Points 0.1250 EFTS

An introduction to the structure of scientific thought both through an historical/analytical survey and by contrasting science with varieties of pseudoscientific and irrational ways of thinking.

R: HAPS 110

EQ: HAPS 110

PHIL110-13S1 (C) Semester 1

PHIL110-13S1 (D) Semester 1

PHIL 111 Philosophy, Sex, and Thinking

15 Points 0.1250 EFTS

An introduction to philosophical theorising about male and female capacities for rational thought and contributions to the nature of rationality.

PHIL111-13SUI (C) Summer (Jan 13)

PHIL 133 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.

PHIL133-1352 (C) Semester 2

PHIL 134 Logic and Computability
15 Points 0.1250 EFTS

Not offered in 2013

Introduction to logic and computability.

R: MATH 130, MATH 134, MATH 144, PHIL 144

EQ: MATH 134

PHIL 136 Ethics Today
15 Points 0.1250 EFTS

Not offered in 2013

PHIL 137 Computers, Minds and Logic
15 Points 0.1250 EFTS

What is Artificial Intelligence? Can computers think? What is mind? Could you survive physical death by uploading your brain's programs into a computer? How do humans and computers reason? What is logic? These are some of the central questions that this course will discuss.

PHIL137-1351 (C) Semester 1

PHIL 138 Logic and Critical Thinking
15 Points 0.1250 EFTS

Not offered in 2013

Thinking rationally involves many skills. This course will help students acquire and develop those skills.

R: PHIL 132 (prior to 2006), MATH 130, PHIL 134/MATH 134

PHIL 139 Ethics, Politics and Justice
15 Points 0.1250 EFTS

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. What makes our actions right or wrong: our culture, our minds or emotions, facts about the world, or God's commands? Is pleasure the only thing that has inherent value? Are right actions the ones that bring about the most happiness? Justice and freedom also seem to matter, but what should we do when justice and freedom conflict with happiness or with each other? Should people be free to do whatever they want if they don't hurt others? Is taxation legalised theft? Should governments provide education and health care? We discuss these questions and more.

R: PHIL 136

PHIL139-1351 (C) Semester 1

PHIL 141 Classical Concepts of Beauty
15 Points 0.1250 EFTS

Not offered in 2013

An introductory examination of theories of art and reality in ancient Athens.

R: PHIL 140, ARTT 101, CLAS 141

EQ: CLAS 141

PHIL 145 Political and Social Philosophy
15 Points 0.1250 EFTS

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: POLS 106

PHIL145-1352 (C) Semester 2

PHIL 203 Dinosaurs, Quarks and Quasars: The Philosophy of Science

15 Points 0.1250 EFTS

P: 15 points of Philosophy or 30 points of science courses.

R: PHIL 223

PHIL203-1351 (C) Semester 1

PHIL 208 Logic A
15 Points 0.1250 EFTS

An introduction to the core ideas of logic.

P: Any 15 points in Philosophy or Mathematics or Computer Science or Linguistics.

R: PHIL 225, PHIL 246, PHIL 346, PHIL 308, MATH 208, MATH 308

PHIL208-1351 (C) Semester 1

PHIL 209 Logic B
15 Points 0.1250 EFTS

Not offered in 2013

This course covers Hilbert-style and natural deduction style (incl sequent calculus) proof systems for propositional logic, and natural-deduction style proof systems for predicate logic, both classical and constructive.

P: Any 15 points in Philosophy or Mathematics or Computer Science or Linguistics

R: PHIL 225, PHIL 247, PHIL 347, PHIL 309, MATH 209, MATH 309

EQ: MATH 209

PHIL 210 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: PHIL 134 or PHIL 138 or 30 points from MATH 100-199 excluding MATH 101 with MATH 130 highly recommended.

R: MATH 230, MATH 208, MATH 308, PHIL 208, PHIL 308, PHIL 225, PHIL 246, PHIL 346

EQ: MATH 230

PHIL210-1352 (C) Semester 2

PHIL 220 Darwin's Dangerous Idea
15 Points 0.1250 EFTS

Not offered in 2013

An introduction to one of the most powerful ideas in the history of science: Charles Darwin's Theory of Evolution. The course approaches Darwin's work in terms of science, philosophy, intellectual history, and Darwin's personal biography. Discussion will include recent applications of evolution to understanding human nature, including morality and the arts.

P: 15 points in PHIL or
30 points in any schedule.

PHIL 224 Greek Philosophy
15 Points 0.1250 EFTS

Historical and analytical introduction to the philosophy of Plato and Aristotle.

P: 15 points in PHIL, or B average in 60 points of appropriate courses with approval of the Programme Coordinator.

R: CLAS 224, CLAS 324

EQ: CLAS 224

PHIL224-1351 (C) Semester 1

PHIL 227 The Art Instinct
15 Points 0.1250 EFTS

Not offered in 2013

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: ARTT 101 or at least 15 points in Philosophy. Students without this prerequisite but with at least a B average in 60 points in appropriate courses may be admitted with approval of the Programme Coordinator.
R: ARTT 203 and PHIL 322

PHIL 229 Philosophy of Religion: Rationality, Science, and the God Hypothesis

15 Points 0.1250 EFTS

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: At least 15 points in Philosophy or Religious Studies. Students without this prerequisite but with at least

60 points in appropriate subjects may be admitted with the approval of the Programme Coordinator.

R: RELS 210, PHIL 318

PHIL229-1352 (C) Semester 2

PHIL 233 Epistemology and Metaphysics
15 Points 0.1250 EFTS

Part One: This part of the course is an introduction to metaphysical and epistemological problems concerning meaning and the brain. The questions covered include: What makes the black squiggles you're now reading mean something? Are meanings ideas? If the mind is just the brain, and the brain is just jelly plus electricity, how can I have ideas? Do deep metaphysical statements like 'The mind is just the brain', 'I am a brain in a vat', or 'Everything is fated' really say anything? Do males and females have different brains, and if so, what are the implications for epistemology? We look at both traditional and modern approaches to these problems. Part Two: Topics discussed in the second half of the course include: scepticism; cognitive relativism and social constructivism about knowledge; the JTB analysis of knowledge and Gettier cases; reliabilism; foundations versus coherence in theories of justification for empirical knowledge; perception and evidence.

P: 15 points in PHIL or B average in 60 points of appropriate courses with approval of the Programme Coordinator.

PHIL233-1352 (C) Semester 2

PHIL 235 Cyberspace, Cyborgs, and the Meaning of Life

15 Points 0.1250 EFTS

This course investigates questions about the mind, metaphysics, and knowledge generated by the ongoing revolution in information technology. These include: Can I commit murder by turning off a computer that is simulating a person? Might I attain immortality by porting myself into a silicon chip? Am I already in cyberspace? Is the universe nothing but a computer? What is intelligence? And what are the prospects for a forthcoming Age of Robots?

P: Any 15 points in Philosophy or Mathematics or Computer Science; or a B average in 60 points of appropriate courses with approval of the Programme Coordinator.

PHIL235-1351 (C) Semester 1

PHIL 236 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: 15 points in PHIL or B average in 60 points of appropriate courses with approval of the Programme Coordinator.

R: PHIL 321

PHIL236-13S2 (C) Semester 2

PHIL 238 Cognitive Science

15 Points 0.1250 EFTS

Not offered in 2013

A philosophical introduction to Cognitive Science, including psychological, computational, and biological perspectives.

P: 15 points in PHIL, or 15 points in an appropriate science subject with the approval of the PHIL Programme Coordinator.

PHIL 239 Political Theory: Classics in Political Philosophy

15 Points 0.1250 EFTS

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 Marx.

P: 15 points in POLS at 100-level for one course; 30 points in POLS at 100-level for two or more courses or 30 points in HIST or 15 points in PHIL. Students not meeting the prerequisites but with at least a B average in 60 points in appropriate courses may be admitted to take Political Science courses at the 200-level with the approval of the Programme Coordinator.

R: POLS 201

EQ: POLS 201

PHIL239-13S2 (C) Semester 2

PHIL 240 Bioethics: Life, Death, and Medicine

15 Points 0.1250 EFTS

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: 15 points in PHIL, HLTH 101, HSRV 101, or a B average in 60 points in relevant subjects, (eg BIOL, POLS, ECON, LAWS, CMDS) as approved by the Programme Coordinator.

R: PHIL 324, POLS 225

EQ: POLS 225

PHIL240-13S1 (C) Semester 1

PHIL 241 Special Topic

15 Points

0.1250 EFTS

Not offered in 2013

PHIL 243 The Open Society and Its Enemies

15 Points

0.1250 EFTS

Not offered in 2013

An introductory, critical study of the philosophy of Karl Popper and its ramifications.

P: 15 points of PHIL or HAPS, or 30 points in any subject/s.
RP: 15 points of 100-level Philosophy, or 30 points or more of humanities, social science, science, engineering, or commerce studies and an interest in reflective critical debate.

PHIL 249 Environmental Ethics

15 Points

0.1250 EFTS

Not offered in 2013

Critical elucidation and assessment of the case that contemporary environmental challenges require reconsideration of the very nature of ethics.

P: 15 points in PHIL or 30 points in any subject/s.
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.

PHIL 251 The Expression of Meaning in Language

15 Points

0.1250 EFTS

Not offered in 2013

This course provides an introduction to the main semantic phenomena of natural language and to a simple formal analysis, based on first-order logic, of the semantic structure of sentences. Topics will include truth-conditional theories of meaning, modality and possible worlds, predicates and arguments, truth-functional connectives, quantifiers, tense, scopal ambiguity, and the event-based analysis of action sentences.

R: LING 202, LING 218

EQ: LING 218

PHIL 305 Philosophical Logic

30 Points

0.2500 EFTS

This course rapidly surveys a wide range of bizarre arguments, paradoxes and brain-twisters drawn from all corners of philosophy.

P: Any 15 points at 200-level in Philosophy or Mathematics or Computer Science courses as approved by the Head of School.

R: PHIL 315

PHIL305-13S1 (C) Semester 1

PHIL 308 Logic A

15 Points

0.1250 EFTS

An introduction to the core ideas of logic.

P: Any 15 points at 200-level in Philosophy or Mathematics or Computer Science or Engineering Mathematics.

R: PHIL 225, PHIL 246, PHIL 346, PHIL 208, MATH 208, MATH 308

PHIL308-1351 (C)**Semester 1****PHIL 309 Logic B**

15 Points

0.1250 EFTS

Not offered in 2013

This course covers Hilbert-style and natural-deduction style (including sequent calculus) proof systems for propositional logic, and natural-deduction style proof system for predicate logic, both classical and constructive.

P: PHIL 208

R: PHIL 225, PHIL 247, PHIL 347, PHIL 209, MATH 209, MATH 309

EQ: MATH 309

PHIL 310 Early Modern Philosophy: Descartes to Hume

30 Points

0.2500 EFTS

This course introduces students to the philosophy of the early modern period. Particular attention is paid 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. These texts are studied in detail and the work of Locke and Berkeley is also considered. Topics covered include rationalism and empiricism, dreaming, scepticism, proofs of the existence of God, mind-body dualism, the nature of self, personal identity, causation and innate ideas. 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?

P: 45 points in PHIL, at least 30 at 200-level

PHIL310-1351 (C)**Semester 1****PHIL 311 Recent and Contemporary 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? You can't kick what doesn't exist, so how can you talk about what doesn't exist - tomorrow, Harry Potter, or the possible world where you win \$1 million on Lotto? Is empathy a form of mind-reading? 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 century.

P: 45 points in PHIL, at least 30 at 200-level.

R: PHIL 464 (from 2006)

PHIL311-1352 (C)**Semester 2****PHIL 314 Greek Philosophy**

30 Points

0.2500 EFTS

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: 45 points in PHIL, at least 30 at 200-level including PHIL 233 (INCO 219 may be substituted for any course except PHIL 233), and permission of the Programme Coordinator.

R: PHIL 224, CLAS 224, CLAS 324

EQ: CLAS 324

PHIL314-1351 (C)**Semester 1****PHIL 317 Contemporary Political Philosophy**

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: PHIL 236 or POLS 201 or PHIL 239 or B average in 45 points above 100-level in relevant subjects (e.g. PHIL, POLS, ECON, MSCI, LAWS, or SOCI) with approval of the Programme Coordinator.

R: POLS 301

EQ: POLS 351, POLS 301

PHIL317-1352 (C)**Semester 2****PHIL 318 Philosophy of Religion: Rationality, Science, and the God Hypothesis**

30 Points

0.2500 EFTS

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: 45 points in PHIL, at least 30 at 200-level.

R: RELS 210 and PHIL 229

PHIL318-1352 (C)**Semester 2****PHIL 320 Special Topic**

15 Points

0.1250 EFTS

Not offered in 2013

P: 45 points in Philosophy, at least 30 at 200-level with approval of the Head of School.

R: HLTH 407

PHIL 321 Special Topic: 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: 45 points in Philosophy, at least 30 at 200-level with approval of the Head of School.

R: PHIL 236

PHIL321-13S2 (C)**Semester 2****ARTS 395 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: Special application and interview, with permission of Internship Director.

RP: Students should attend UC Careers CV writing and Interview skills workshops prior to submitting internship application.

ARTS395-13S1 (C)**Semester 1****ARTS395-13A (C)****Starts Any time****ARTS395-13S2 (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 www.arts.canterbury.ac.nz/internship 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.

PHIL 431 History of Philosophy

0.1250 EFTS

Not offered in 2013

P: Subject to approval of the Programme Coordinator for Philosophy

PHIL 433 Hellenistic Ethics

0.1250 EFTS

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 Programme Coordinator for Philosophy.

PHIL433-13S1 (C)**Semester 1****PHIL 434 Moral Philosophy and the Health Sciences**

0.1250 EFTS

Not offered in 2013

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 Programme Coordinator for Philosophy.

R: HLTH 407, HLTH 434

PHIL 439 Formal Logic

0.1250 EFTS

Not offered in 2013

P: Subject to approval of the Programme Coordinator for Philosophy.

PHIL 441 Mathematical Logic

0.1250 EFTS

Not offered in 2013

P: Subject to approval of the Programme Coordinator for Philosophy.

PHIL 444 Philosophical Logic

0.1250 EFTS

This course rapidly surveys a wide range of bizarre arguments, paradoxes and brain-twisters drawn from all corners of philosophy. These include Zeno's paradoxes, the liar paradox, the Sleeping Beauty problem, the doomsday argument, Newcomb's problem, the prisoners' dilemma, the paradox of the ravens, Goodman's New Riddle of Induction, and the paradox of the heap, to name just a few.

P: Subject to approval of the Programme Coordinator for Philosophy.

R: PHIL 305

PHIL444-13S1 (C)**Semester 1**

PHIL 445 Philosophy of Art

0.1250 EFTS

Not offered in 2013

P: Subject to approval of the Programme Coordinator for Philosophy.

PHIL 447 Political Philosophy

0.1250 EFTS

P: Subject to approval of the Programme Coordinator for Philosophy.

PHIL447-13S2 (C) Semester 2**PHIL 449 Philosophy of Language**

0.1250 EFTS

Not offered in 2013

P: Subject to approval of the Programme Coordinator for Philosophy.

PHIL 454 Cognitive Science

0.1250 EFTS

Philosophical themes in Cognitive Science.

P: Subject to approval of the Programme Coordinator for Philosophy.

R: PSYC 426

PHIL454-13S1 (C) Semester 1**PHIL 456 Philosophy of Science**

0.1250 EFTS

Not offered in 2013

P: Subject to approval of the Programme Coordinator for Philosophy.

PHIL 458 Philosophy of Mathematics

0.1250 EFTS

Not offered in 2013

P: Subject to approval of the Programme Coordinator for Philosophy.

PHIL 464 Contemporary Philosophy

0.1250 EFTS

How can we think or talk about things that do not exist? We look at the answers offered by several of the most important philosophers of the twentieth century.

P: Subject to approval of the Programme Coordinator for Philosophy.

R: PHIL 311 (from 2006), PHIL 463 (2006 & earlier)

PHIL464-13S2 (C) Semester 2**PHIL 467 Philosophical Topics in Science**

0.1250 EFTS

Not offered in 2013

P: Subject to approval of the Programme Coordinator for Philosophy.

PHIL 468 Special Topic: Individual Programme of Study (Oxford/Canterbury)

0.5000 EFTS

Not offered in 2013

P: Permission of the Programme Coordinator.

PHIL 469 Special Topic

0.1250 EFTS

Not offered in 2013

P: Subject to approval of the Programme Coordinator for Philosophy.

PHIL 472 Special Topic

0.1250 EFTS

P: Subject to approval of the Programme Coordinator for Philosophy.

PHIL472-13S1 (C) Semester 1**PHIL 473 Special Topic: Philosophy and Turing**

0.1250 EFTS

P: Subject to approval of the Programme Coordinator.

PHIL473-13S2 (C) Semester 2**PHIL 474 Bioethics**

0.1250 EFTS

Not offered in 2013

P: Subject to approval of the Programme Coordinator for Philosophy.

PHIL 475 Special Topic

0.2500 EFTS

Not offered in 2013

P: Subject to approval of the Programme Coordinator for Philosophy.

PHIL 476 Special Topic: Cognitive Psychology

0.2500 EFTS

P: Subject to approval of the Programme Coordinator.

R: PSYC 416

PHIL476-13W (C) Whole Year (S1 and S2)**PHIL 477 Special Topic: Independent Course of Study**

0.1250 EFTS

P: Subject to approval of the Programme Coordinator.

PHIL477-13S1 (C) Semester 1**PHIL 478 Special Topic: Independent Course of Study**

0.1250 EFTS

P: Subject to approval of the Programme Coordinator.

PHIL478-13S2 (C) Semester 2**PHIL 479 Independent Course of Study**

0.2500 EFTS

Not offered in 2013

P: By permission of the Programme Coordinator.

PHIL 480 Research Essay 0.2500 EFTS

P: Subject to approval of the Programme Coordinator for Philosophy.

R: PHIL 481; PHIL 485

PHIL480-13W (C) Whole Year (S1 and S2)

PHIL480-13S1 (C) Semester 1

PHIL480-13CY (C) Cross Year

PHIL 482 Research Essay A 0.1250 EFTS

P: Subject to approval of the Programme Coordinator for Philosophy.

R: PHIL 481; PHIL 485; PHIL 480

PHIL482-13S2 (C) Semester 2

PHIL 483 Research Essay B 0.1250 EFTS

P: Subject to approval of the Programme Coordinator for Philosophy.

R: PHIL 481; PHIL 485; PHIL 480

PHIL483-13S1 (C) Semester 1

PHIL 484 Special Topic: Early Modern Philosophy 0.1250 EFTS

P: Permission of the Programme Coordinator

R: PHIL 310 (from 2008), PHIL 485

PHIL484-13S1 (C) Semester 1

PHIL 690 MA Thesis 1.0000 EFTS

P: Subject to approval of the Programme Coordinator for Philosophy.

PHIL690-13A (C) Starts Any time

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

PHIL 695 MSc Thesis 1.0000 EFTS

P: Subject to approval of the Programme Coordinator for Philosophy.

PHIL695-13A (C) Starts Any time

PHIL 790 Philosophy PhD 1.0000 EFTS

P: Subject to approval of the Programme Coordinator for Philosophy.

PHIL790-13A (C) Starts Any time

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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Photography

Centre for Fine Arts, Music and Theatre

PHOT 201 Photography 0.7500 EFTS

90 Points
An introduction to the study of photography with emphasis on the acquisition of skills in relation to a range of equipment and materials and their development for the exploration of techniques.

P: FINT 103

PHOT201-13W (C) Whole Year (S1 and S2)

Limited entry. See limitation of entry regulations.

PHOT 301 Photography 0.7500 EFTS

90 Points
This course explores photography as a device for communicating information, ideas and personal insights.

P: (1) PHOT 201, (2) 30 points at 100-level in ARTH, and (3) 15 points at 200-level in ARTH.

PHOT301-13W (C) Whole Year (S1 and S2)

Limited entry. See limitation of entry regulations.

PHOT 401 Photography 0.7500 EFTS

90 Points
The study of conceptual developments and the practice of photography through an approved and supervised programme.

P: PHOT 301

PHOT401-13W (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.

PHOT 501 Photography 0.7500 EFTS

P: (1) FBAH 301, FBAH 402, PHOT 401; (2) Subject to approval of the Head of Department.

PHOT501-13W (C) Whole Year (S1 and S2)

PHOT 550 Photography 0.2500 EFTS

P: (1) FBAH 301, FBAH 402, PHOT 401; (2) Subject to approval of the Head of Department.

PHOT550-13W (C) Whole Year (S1 and S2)

PHOT 601 Photography 1.0000 EFTS

P: Subject to approval of the Head of Department.

PHOT601-13A (C) Starts Any time

PHOT 602 Photography 0.5000 EFTS
 P: Subject to approval of the Head of Department.
PHOT602-13W (C) Whole Year (S1 and S2)

Physical Education

School of Sciences and Physical Education

TEPE 101 Curriculum in Action 1 0.1250 EFTS
 15 Points
 This is a practical course designed to complement TEPS 141 Professional Studies which further develops students' understanding and application of Health and Physical Education within the New Zealand Curriculum (MOE, 2007). Through practical applications students will explore effective teaching and learning processes and strategies appropriate for year 7 - 10 learners.
 R: EDPE 162
 EQ: EDPE 162
TEPE101-13S1 (C) Semester 1

TEPE 102 Introduction to Human Anatomy and Physiology 0.1250 EFTS
 15 Points
 This course is designed to provide students with a foundational understanding of anatomy and physiology as each relates to physical education and sports performance. The course develops an understanding of the structure and function of the human body, and how systems interact to maintain homeostasis.
 R: EDPE 111, SPCO 104
 EQ: EDPE 111, SPCO 104, EDSP 101
TEPE102-13S1 (C) Semester 1

TEPE 103 Exercise Physiology for Physical Education 0.1250 EFTS
 15 Points
 This course is designed to introduce students to the key concepts of exercise physiology. Students will be involved in lectures, practical laboratory sessions and seminars to ensure links are made between theory and practice and to provide the 'pegs' for learning.
 P: TEPE 102 or 15 points 100-level BIOL
TEPE103-13S2 (C) Semester 2

TEPE 110 Rock Climbing Contexts and Techniques 0.1250 EFTS
 15 Points
 This course is designed to provide students with a foundational understanding of outdoor recreation theories, approaches and physiology as each relates to rock climbing participation and performance.
 RP: Strong outdoor recreation background.
TEPE110-13S1 (C) Semester 1

TEPE 111 Paddle Sport Contexts and Techniques 0.1250 EFTS
 15 Points
Not offered in 2013
 This course is designed to provide students with a foundational understanding of outdoor recreation theories, approaches and physiology as each relates to paddle sport participation and performance.
 P: Subject to approval of the Head of School.
 RP: Strong outdoor recreation background

TEPE 112 Land Journeys and Ethics 0.1250 EFTS
 15 Points
 This course will explore the historical and contemporary contexts of land based journeying. Through the course students will develop practical skills which will form the basis for a series of weekend journeys ranging from urban areas to wilderness. Students will research ecological and cultural relationships with the land.
 RP: Outdoor recreation background.
TEPE112-13S2 (C) Semester 2

TEPP 141 Teacher Education Professional Practice 1 0.1250 EFTS
 15 Points
 Students will work within primary and intermediate school contexts and focus on the development of fundamental pedagogical skills through structured observation and practice of the teaching and learning process. Behaviourism and teacher centered pedagogy is the basis of this professional practice.
 P: TEPS 141
 R: EDTP 110
 EQ: EDTP 110
TEPP141-13X (C) 29 July 2013 - 25 Aug 2013

TEPS 141 Teacher Education Professional Studies 1 0.1250 EFTS
 15 Points
 This professional studies course develops fundamental skills appropriate for beginning physical education teachers. Foundational principles and practices of effective physical education teaching are examined through theory, practical application and reflection.
 R: EDPS 101
 EQ: EDPS 101
TEPS141-13S1 (C) Semester 1

TEPE 201 Curriculum in Action 2 0.1250 EFTS
 15 Points
 This practical course is designed to provide students with the ability to explain and apply constructivist pedagogical models, methods and strategies including games approaches to teaching and learning in physical education.

An emphasis on theory to practice links will be made throughout the course.

P: TEPS 141, TEPE 101
C: TEPS 241, TEPP 241
R: EDPE 261
EQ: EDPE 261

TEPE201-13S2 (C) Semester 2

TEPE 202 Introduction to Biomechanics

15 Points 0.1250 EFTS

This course provides knowledge of the structure and function of the mechanical principles governing movement, with an emphasis on human motion. The course will equip students to analyse and assess movement from both qualitative and quantitative viewpoints.

P: TEPE 102
R: SPCO 204
EQ: SPCO 204

TEPE202-13S1 (C) Semester 1

TEPE 204 History and Philosophy of Physical Education

15 Points 0.1250 EFTS

This course is designed to provide physical education students with an understanding of how historical and philosophical factors have influenced the development of physical education. Furthermore, this course will introduce students to the socio-cultural and pedagogical aspects of physical education; in particular, the roles, functions and meanings of physical education and related aspects of the movement culture. The course will provide an historical and philosophical framework for understanding the nature and purpose of physical education.

R: EDPE 212

TEPE204-13S1 (C) Semester 1

TEPE 210 Rock Climbing Leadership

15 Points 0.1250 EFTS

Not offered in 2013

This course is designed to provide students with an understanding of outdoor education and leadership theories, approaches and technical skills as each relates to roped rock climbing leadership. There will also be a focus on the EONZ/NZOIA Rock Leader syllabus and practical assessment.

P: TEPE 110.

RP: Strong outdoor recreation background.

TEPP 241 Teacher Education Professional Practice 2

15 Points 0.1250 EFTS

In this course students will gain further understanding of theoretical positions in physical education teaching, especially cognitive constructivist approaches to teaching and learning. The practice focuses on structured observations of teachers and learners in the school setting. It provides the opportunity for development of teaching skills in a practical environment. The application of positive

preventative management strategies and curriculum based episodic lesson plans will be a focus.

P: TEPP 141 and TEPE 201
C: TEPE 201, TEPS 241
R: EDTP 203

TEPP241-13S2 (C) Semester 2
TEPP241-13X (C) 11 Nov 2013 - 08 Dec 2013

TEPS 241 Teacher Education Professional Studies 2

15 Points 0.1250 EFTS

This course is designed to provide physical education students with an understanding of cognitive constructivist approaches to teaching and learning within diverse secondary school environments. Students will examine the use of pedagogical strategies appropriate for the use of Games Approaches within curriculum based lessons. Positive preventative management strategies to enhance the student learning environment will be a focus.

P: TEPS 141
C: TEPE 201, TEPP 241
R: EDPS 201

TEPS241-13S2 (C) Semester 2

TEPE 301 Curriculum in Action 3

15 Points 0.1250 EFTS

This is a practical course designed to provide physical education students with an understanding of the application of socio-cultural learning theory and instrumental approaches for the development of socio-cultural learning outcomes through movement contexts, as required for delivery of physical education in the New Zealand Curriculum (2007).

P: TEPE 201.

RP: Completion of years 1 & 2 Bachelor of Education (Physical Education).

TEPE301-13X (C) 18 Feb 2013 - 19 May 2013

TEPE 302 Physical Education, Exercise and Health

15 Points 0.1250 EFTS

This course examines how the human body responds and adapts to exercise acutely and chronically, with a major emphasis on nutrient balance and aerobic energy systems. It is designed to address the prevention of lifestyle disease, with a focus on topical issues.

P: TEPE 202

R: EDPE 211

TEPE302-13S2 (C) Semester 2

TEPE 304 Movement Culture Studies for Physical Education

15 Points 0.1250 EFTS

This course will require students to critically examine the nature of the movement culture. The course will allow students to study socio-cultural aspects of sport and movement cultural studies relevant to the teaching of physical education. Students will gain the knowledge

and skills needed to effectively teach sport studies within secondary schools.

P: TEPE 204

R: EDPE 326

EQ: EDPE 326

TEPE304-1352 (C) Semester 2

TEPE 305 Social Context of Physical Education

15 Points 0.1250 EFTS

Not offered in 2013

This course will require students to critically examine the relationship between physical education, physical activity, sport, culture and education. Students will identify the dominant hegemonic practices in physical education and sport and explore how these influence physical education programmes. It will examine appropriate pedagogical practices for creating equitable, ethical and socially-just learning environments.

P: TEPE 304

TEPP 341 Teacher Education Professional Practice 3

15 Points 0.1250 EFTS

This course provides the Year 3 Physical Education students with an intensive school based teaching practice experience. It provides the essential framework for praxis; the demonstration and further development of the skills and knowledge gained through College courses. This course will continue to build on existing knowledge and also focus on developing students application of socio-cultural learning theory and pedagogies.

P: TEPP 241

C: TEPS 341, TEPE 301

R: EDTP 302

TEPP341-13X (C) 20 May 2013 - 23 June 2013

TEPP341-13T4 (C) 11 Nov 2013 - 08 Dec 2013

TEPP 342 Teacher Education Professional Practice 4

15 Points 0.1250 EFTS

Not offered in 2013

This course provides an intensive school based opportunity for students to observe, plan, teach and assess in a secondary school setting with an emphasis on senior school delivery. Students are expected to plan, prepare, teach and evaluate whole lessons. 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 managing the learning environment including preventative management of students.

P: TEPP 341 and TEPS 342

C: TEPS 342

R: EDTP 330

TEPP 343 Teacher Education Professional Practice 5

15 Points 0.1250 EFTS

Not offered in 2013

This course extends the expectations of TEPP 342 so that students take a greater role in planning and teaching units of learning and assessment. 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 and catering for diverse learners. Student are expected to utilise a range of socio-cultural/critical pedagogies.

P: TEPS 441 and TEPP 342

C: TEPP 342, TEPS 342

R: EDTP 331

TEPS 341 Teacher Education Professional Studies 3

15 Points 0.1250 EFTS

This course is designed to provide physical education pre-service students with an understanding of the application of socio-cultural learning theory and pedagogy to facilitate learning. Humanist and relational approaches to managing students' behaviour consistent with socio-cultural approaches to learning will be explored.

P: TEPS 241

R: EDPS 301

TEPS341-13X (C) 18 Feb 2013 - 19 May 2013

TEPS 342 Teacher Education Professional Studies 4

15 Points 0.1250 EFTS

Not offered in 2013

This course is designed to provide physical education students with an understanding of the philosophies and learning theories associated with socio-cultural pedagogies for teaching and learning within the secondary school environment. Students will examine senior school curriculum guidelines, content requirements, assessment for learning principles, NCEA assessment procedures, and appropriate teaching and learning methodologies. Emphasis in the course will be given to teaching as a profession.

C: TEPP 341, TEPP 342

R: EDPS 306

EQ: EDPS 306

TEPE 402 Advanced Studies in Exercise Science

15 Points 0.1250 EFTS

Not offered in 2013

This course provides a comprehensive holistic examination of the exercise sciences. This includes biomechanical, physiological, nutritional and technical determinants of performance. It develops the knowledge essential to promote understanding of the exercise sciences as a basis for sport, exercise or physical activity performance. It is designed to allow students to plan, implement and evaluate an exercise science research project for a chosen sport or activity

P: TEPE 302.

RP: TEPE 302

TEPE 404 Physical Education Futures
15 Points 0.1250 EFTS**Not offered in 2013**

This course will provide students with a comprehensive understanding of contemporary trends and dilemmas affecting the development of physical education. It will explore future directions and consider implications of 21st century conceptualisations of knowledge and learning in physical education contexts. Through qualitative research methodology, students will actively engage in and critically reflect upon learning contexts for students in diverse physical education settings.

P: TEPE 305

TEPE 499 Honours Project
15 Points 0.1250 EFTS**Not offered in 2013**

In this course students invited to complete Honours, plan, conduct and write-up an original study in an area of interest, agreed with their supervising tutor, from the physical education field. The exact programme for each student will be agreed with the student's assigned tutor.

P: Subject to approval of the Head of School.

TEPS 441 Teacher Education Professional Studies 5
15 Points 0.1250 EFTS**Not offered in 2013**

This course is designed to provide physical education students with an understanding of the philosophies and learning theories associated with socio-critical pedagogies. Students will examine and investigate the literature and research associated with contemporary and future directions of education including inclusive and culturally responsive pedagogies. Implications for beginning teachers will be explored. Emphasis in the course will be given to teaching as a profession.

P: TEPS 342

C: TEPP 342

Physics

Department of Physics and Astronomy

PHYS 101 Engineering Physics A: Mechanics, Waves and Thermal Physics
15 Points 0.1250 EFTS

This is a required course for all Engineering Programmes as well as Physics, Astronomy and Electronics degrees.

PHYS 101 builds on NCEA level 3 physics to develop Mechanics, Conservation Laws, Fluids, Waves and Thermal Physics into an essential foundation for science and technology understanding.

P: PHYS 111 or 14 credits NCEA Level 3 Physics and 14 credits NCEA Level 3 Mathematics with Calculus. These

prerequisites may be replaced by other background as approved by the Head of Department.

R: PHYS 113, PHYS 112

EQ: PHYS 113

PHYS101-13S1 (C) Semester 1

PHYS101-13S2 (C) Semester 2

PHYS 102 Engineering Physics B: Electromagnetism, Modern Physics and 'How Things Work'
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 covers the E&M necessary to understand basic circuit theory, magnetic field concepts and finally applications such as power technology and electronics. The second section introduces aspects of modern physics such as quantum effects in atoms and materials, radioactivity and nuclear processes. Finally the course finishes with a section titled "How things work - the physics behind modern technology". A series of guest lecturers will elaborate on the physics behind applications such as radar, medical imaging, data storage, lasers, etc.

P: PHYS 101.

R: PHYS 114, PHYS 115

RP: These prerequisites may be replaced by other background as approved by Head of Department.

EQ: PHYS 114

PHYS102-12SU2 (C) Summer (Nov 12)

PHYS 109 The Cosmos: Birth and Evolution
15 Points 0.1250 EFTS

Descriptive overview of the universe. Earth impacts and extinctions by comets and asteroids. Solar system origins. The big bang and cosmology. Stellar birth and death. Life in the universe. Search for extraterrestrial intelligence (SETI) programmes.

R: ASTR 109, PHYS 110

EQ: ASTR 109

PHYS109-13S2 (C) Semester 2

PHYS 111 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: PHYS 106. Students who have been credited with any of PHYS 101, PHYS 102, PHYS 113 or PHYS 114 cannot subsequently be credited with PHYS 111.

PHYS111-13S1 (C) Semester 1

PHYS 201 Waves and Optics
15 Points 0.1250 EFTS

Physics of wave oscillations and their applications in numerous different physical systems. The essential

elements of optics are covered including an exposition of key modern developments.

P: (1) PHYS 101; (2) MATH 102 or EMTH 118. 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: PHYS 221

RP: (1) PHYS 102; (2) MATH 103 or EMTH 119.

PHYS201-13S1 (C) Semester 1

PHYS 202 Electromagnetism and Mechanics

15 Points 0.1250 EFTS

The treatment of electricity and magnetism from observed phenomena through to the Maxwell equations in integral form; magnetic and dielectric properties of materials.

Rotations, angular momentum, rigid bodies, orbits, rotating frames of reference.

P: (1) PHYS 102; (2) MATH 102 or EMTH 118. 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: PHYS 224

RP: (1) PHYS 201; (2) MATH 103 or EMTH 119.

PHYS202-13S2 (C) Semester 2

PHYS 203 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) PHYS 102; (2) MATH 102 or EMTH 118. 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: PHYS 222

RP: MATH 103 or EMTH 119.

PHYS203-13S1 (C) Semester 1

PHYS 204 Thermal, Statistical and Particle Physics

15 Points 0.1250 EFTS

This course provides an introduction to the study of the physical properties of matter. It integrates the study of thermal properties of matter in bulk (thermodynamics) with the molecular/atomic approach (statistical physics). The particle physics is further extended to subatomic scales with an introduction to the phenomenology of nuclear structure, radiation processes and the standard model of particle interactions.

P: (1) PHYS 203; (2) MATH 103 or EMTH 119.

R: PHYS 310

RP: MATH 201

PHYS204-13S2 (C) Semester 2

PHYS 285 Experimental Physics

15 Points 0.1250 EFTS

A laboratory based course in experimental techniques, data acquisition and analysis for second-year physics/astronomy students.

P: (1) PHYS 102; (2) MATH 102 or EMTH 118 (3) MATH 170 or EMTH 171 or COSC 121 or MATH 280 or MATH 282 or another approved course involving 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: PHYS 281, PHYS 282

RP: MATH 103 or EMTH 119.

PHYS285-13S1 (C) Semester 1

PHYS 286 Analogue and Digital Electronics

15 Points 0.1250 EFTS

The aim of the course is to enable students to understand various analogue and digital devices and its circuits. It covers topics in Analogue Electronics, advanced circuit theory and Digital Electronics. It also introduces to circuit theorems, discrete semiconductor devices, semiconductor integrated circuits, the characteristics and applications of these semiconductor devices and circuits. Emphasis is on analysis, selection, biasing, and applications. This course also covers number systems, Boolean algebra, logic families, combinational and sequential logic circuits.

P: (1) PHYS 102 or PHYS 114 (2) MATH 102 or EMTH 118 or MATH 108. 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.

R: ELEC 202

EQ: ELEC 202

PHYS286-13S2 (C) Semester 2

PHYS 311 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) PHYS 203 or PHYS 222; (2) MATH 103 or MATH 109 or EMTH 119.

RP: PHYS 201 and MATH 201.

PHYS311-13S1 (C) Semester 1

PHYS 312 Applied Electromagnetism

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.

P: (1) PHYS 202 or PHYS 224; (2) MATH 103 or MATH 109 or EMTH 119.

R: ELEC 312

RP: PHYS 201 and MATH 201.

EQ: ELEC 312

PHYS312-13S2 (C) Semester 2

PHYS 314 Condensed Matter Physics

15 Points 0.1250 EFTS

The structure of solids and methods of determination; the dynamic and electrical conduction properties of solids, including superconductivity.

P: (1) PHYS 203 or PHYS 222; (2) MATH 103 or MATH 109 or EMTH 119.

RP: PHYS 201 and MATH 201.

PHYS314-13S2 (C) Semester 2

PHYS 316 Geophysical Fluid Dynamics

15 Points 0.1250 EFTS

Principles of the dynamics of an incompressible, non-viscous, rotating fluid applied to large-scale motion of the Earth's atmosphere and oceans.

P: (1) One of PHYS 201, PHYS 202, PHYS 203, PHYS 221, PHYS 223, PHYS 224; (2) MATH 103 or MATH 109 or EMTH 119.

RP: MATH 201

PHYS316-13S1 (C) Semester 1

PHYS 326 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) (PHYS 203 or PHYS 223) and (PHYS 202 or PHYS 204 or PHYS 222 or PHYS 224); (2) MATH 201 or MATH 261 or MATH 264.

PHYS326-13S1 (C) Semester 1

PHYS 327 Special Topic

15 Points 0.1250 EFTS

P: (1) Subject to approval of the Head of Department.; (2) MATH 103 or MATH 109 or equivalent.

PHYS327-13S1 (C) Semester 1

PHYS 328 Special Topic

15 Points 0.1250 EFTS

P: (1) Subject to approval of the Head of Department.; (2) MATH 103 or MATH 109 or equivalent.

PHYS328-13S2 (C) Semester 2

PHYS 329 Special Topic

15 Points 0.1250 EFTS

P: (1) Subject to approval of the Head of Department.; (2) MATH 103 or MATH 109 or equivalent.

PHYS329-13S1 (C) Semester 1

PHYS 381 Advanced Experimental Physics and Astronomy

15 Points 0.1250 EFTS

Execution and write-up of selected laboratory experiments.

P: (1) Either (PHYS 282 and 22 points from PHYS 221-224) or (PHYS 285 and 30 points from PHYS 201-204 including either

PHYS 202 or PHYS 204). (2) MATH 103 or MATH 109 or EMTH 119.

R: ASTR 381

RP: MATH 201

EQ: ASTR 381

PHYS381-13S2 (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.

PHYS 391 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) MATH 103 or MATH 109 or equivalent (2) 44 points from PHYS 200 (3) Entry subject to a supervisor approved by the Head of Department, being available.

R: PHYS 392, PHYS 393

PHYS391-12SU2 (C) Summer (Nov 12)

PHYS391-13S1 (C) Semester 1

PHYS391-13S2 (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.

PHYS 407 Research Tools

0.1250 EFTS

P: Subject to approval of the Head of Department.

PHYS407-13S1 (C) Semester 1

PHYS407-13W (C) Whole Year (S1 and S2)

PHYS 411 Advanced Quantum Mechanics

0.1250 EFTS

P: Subject to approval of the Head of Department

PHYS411-13S1 (C) Semester 1

PHYS 412 Advanced Condensed Matter Physics

0.1250 EFTS

P: Subject to approval of the Head of Department.

PHYS412-13S1 (C) Semester 1

PHYS 413 Laser Physics and Modern Optics

0.1250 EFTS

P: Subject to approval of the Head of Department.

PHYS413-13S2 (C) Semester 2

PHYS 414 Relativistic Electrodynamics and Quantum Mechanics

0.1250 EFTS

P: Subject to approval of the Head of Department.

PHYS414-13S2 (C) Semester 2**PHYS 415 General Relativity**

0.1250 EFTS

P: Subject to approval of the Head of Department.

PHYS415-13S2 (C) Semester 2**PHYS 416 Quantum Field Theory**

0.1250 EFTS

P: Subject to approval of the Head of Department.

PHYS416-13S1 (C) Semester 1**PHYS 417 Atmospheric Remote Sensing**

0.1250 EFTS

Not offered in 2013

P: Subject to approval of the Head of Department.

PHYS 418 Physics of Atmospheres

0.1250 EFTS

P: Subject to approval of the Head of Department.

PHYS418-13S2 (C) Semester 2**PHYS 420 Special Topic**

0.1670 EFTS

P: Subject to approval of the Head of Department.

PHYS420-13S1 (C) Semester 1**PHYS 421 Special Topic**

0.1250 EFTS

P: Subject to approval of the Head of Department.

PHYS421-13S1 (C) Semester 1**PHYS 423 Special Topic**

0.1250 EFTS

Not offered in 2013

P: Subject to approval of the Head of Department.

PHYS 426 Special Topic

0.1250 EFTS

P: Subject to approval of the Head of Department.

PHYS426-13S2 (C) Semester 2**PHYS 427 Special Topic**

0.1250 EFTS

P: Subject to approval of the Head of Department.

PHYS427-13S2 (C) Semester 2**PHYS 441 Quantum Mechanics**

0.1250 EFTS

P: Subject to approval of the Head of Department.

PHYS441-13S1 (C) Semester 1**PHYS 442 Applied Electromagnetism**

0.1250 EFTS

P: Subject to approval of the Head of Department.

PHYS442-13S2 (C) Semester 2**PHYS 444 Condensed Matter Physics**

0.1250 EFTS

P: Subject to approval of the Head of Department.

PHYS444-13S2 (C) Semester 2**PHYS 446 Geophysical Fluid Dynamics**

0.1250 EFTS

P: Subject to approval of the Head of Department.

PHYS446-13S1 (C) Semester 1**PHYS 456 Classical Mechanics**

0.1250 EFTS

P: Subject to approval of the Head of Department.

PHYS456-13S1 (C) Semester 1**PHYS 480 Physics Research Project**

0.2500 EFTS

An independent research project in Physics for 400-level students

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

PHYS480-13S1 (C) Semester 1**PHYS480-13A (C) Starts Any time****PHYS 493 Research Project**

0.1250 EFTS

P: Subject to approval of the Head of Department.

PHYS493-12SU2 (C) Summer (Nov 12)**PHYS493-13S1 (C) Semester 1****PHYS493-13S2 (C) Semester 2****PHYS 494 Independent Course of Study**

0.1250 EFTS

Not offered in 2013

P: Subject to approval of the Head of Department

PHYS 495 Introduction to Physics Education Research

0.1250 EFTS

This course 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.

PHYS495-13S1 (C) Semester 1*Cannot be credited to a postgraduate degree.*

PHYS 690 MSc Thesis

1.0000 EFTS

P: Subject to approval of the Head of Department.

PHYS690-13A (C) Starts Any time

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

PHYS 790 Physics PhD

1.0000 EFTS

P: Subject to approval of the Head of Department.

PHYS790-13A (C) Starts Any time

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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Plant Biology

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.

PBIO 480 Project

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 BIOL 401-493 (refer to degree schedule).

P: Subject to approval of Head of School.

PBIO480-13W (C) Whole Year (S1 and S2)

PBIO 690 MSc Thesis

1.0000 EFTS

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

PBIO690-13A (C) Starts Any time

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

PBIO 790 Plant Biology PhD

1.0000 EFTS

P: Subject to approval of Head of School.

PBIO790-13A (C) Starts Any time

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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Political Science

School of Social and Political Sciences

POLS 102 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.

POLS102-13S1 (C) Semester 1

POLS 103 Introduction to New Zealand Politics and Policy

15 Points 0.1250 EFTS

This course is designed to be an introduction to New Zealand politics and public policy. The course will examine New Zealand's constitutional setting, electoral process, political parties, interest groups and cabinet parliament.

POLS103-13S2 (C) Semester 2

POLS 104 Introduction to International Politics

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.

POLS104-13S1 (C) Semester 1

POLS 105 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.

POLS105-13S2 (C) Semester 2

POLS 106 Political and Social Philosophy

15 Points 0.1250 EFTS

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: PHIL 145

EQ: PHIL 145

POLS106-1352 (C)

Semester 2

POLS 201 Political Theory: Classics in Political Philosophy

15 Points

0.1250 EFTS

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 Marx.

P: 15 points in POLS at 100-level for one course; 30 points in POLS at 100-level for two or more courses or 15 points in PHIL. Students not meeting the prerequisites but with at least a B average in 60 points in appropriate courses may be admitted to take Political Science courses at the 200-level with the approval of the Programme Director.

R: PHIL 239

EQ: PHIL 239

POLS201-1352 (C)

Semester 2

POLS 202 International Politics: Human Dimensions

15 Points

0.1250 EFTS

This course examines the relationship between international politics and individual human beings. It raises questions about how political communities are formed, the role of identity and ethnicity in war, and the value of human rights discourse. These issues are illustrated via case studies of humanitarian intervention, globalisation, and the war on terror.

P: 15 points in POLS at 100-level for one course; 30 points in POLS at 100-level for two or more courses. Students not meeting the prerequisites but with at least a B average in 60 points in appropriate courses may be admitted to take Political Science courses at the 200-level with the approval of the Programme Director.

POLS202-1352 (C)

Semester 2

POLS 203 World Politics: Islamic Societies

15 Points

0.1250 EFTS

Not offered in 2013

Consequences of socio-economic and political change in selected Islamic states.

P: 15 points in POLS at 100-level for one course; 30 points in POLS at 100-level for two or more courses. Students not meeting the prerequisites but with at least a B average in 60 points in appropriate courses may be admitted to take Political Science courses at the 200-level with the approval of the Programme Director.

POLS 205 World Politics: American Politics

15 Points

0.1250 EFTS

This course focuses on contemporary American politics (since 1960), with an emphasis on civil rights, political

culture, national security, and the intelligence community. Specific topics include the 1960s and the Vietnam War, Presidential-Congressional relations, the role of the Central Intelligence Agency, U.S. operations in Iraq and Afghanistan, national elections, and U.S. economic and cultural power.

P: 15 points in POLS at 100-level for one course; 30 points in POLS at 100-level for two or more courses. Students not meeting the prerequisites but with at least a B average in 60 points in appropriate courses may be admitted to take Political Science courses at the 200-level with the approval of the Programme Director.

POLS205-1352 (C)

Semester 2

POLS 206 Public Policy: An Introduction

15 Points

0.1250 EFTS

This course introduces the concepts of and approaches to studying public policy. Focusing on technology policy areas including health, population, genetic engineering, human reproduction, environmental and information technology, the course examines the interaction of technology, society, and public policy and clarifies the intricacies of the policy process in light of technological change.

P: 15 points in POLS at 100-level for one course; 30 points in POLS at 100-level for two or more courses. Students not meeting the prerequisites but with at least a B average in 60 points in appropriate courses may be admitted to take Political Science courses at the 200-level with the approval of the Programme Director.

POLS206-1351 (C)

Semester 1

POLS 207 The Politics of Technology

15 Points

0.1250 EFTS

Not offered in 2013

This course introduces students to the study of the relationship between technology and politics, particularly democratic politics. It interprets technology broadly to include not only technological objects (such as GM foods, mobile phones or "nano-bots") but also the processes that generate them. Its focus is socio-political analysis; it does not assume or require scientific or technological expertise.

P: 15 points in POLS at 100-level for one course; 30 points in POLS at 100-level for two or more courses. Students not meeting the prerequisites but with at least a B average in 60 points in appropriate courses may be admitted to take Political Science courses at the 200-level with the approval of the Programme Director.

POLS 208 Party Politics and Elections in Contemporary Democracies

15 Points

0.1250 EFTS

Not offered in 2013

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: 15 points in POLS at 100-level for one course; 30 points in POLS at 100-level for two or more courses. Students not meeting the prerequisites but with at least a B average in 60 points in appropriate courses may be admitted to take

Political Science courses at the 200-level with the approval of the Programme Director.

POLS 209 Special Topic

15 Points 0.1250 EFTS

Not offered in 2013

P: 15 points in POLS at 100-level for one course; 30 points in POLS at 100-level for two or more courses. Students not meeting the prerequisites but with at least a B average in 60 points in appropriate courses may be admitted to take Political Science courses at the 200-level with the approval of the Programme Director.

POLS 210 Nationalism, Democracy and Political Participation

15 Points 0.1250 EFTS

This course begins by considering the relationship between nationalism, citizenship, and democratic participation. It will briefly explore the ways that nationalism has shifted traditional patterns of participation into more democratic directions. It then examines democratic uprisings in a variety of contexts, with a primary focus on people's power uprisings in Southeast Asia, and on the recent uprisings in the Middle East, popularly known as the "Arab Spring".

P: 15 points in POLS at 100-level for one course; 30 points in POLS at 100-level for two or more courses. Students not meeting the prerequisites but with at least a B average in 60 points in appropriate courses may be admitted to take Political Science courses at the 200-level with the approval of the Programme Director.

POLS210-13S2 (C) Semester 2

POLS 211 World Politics: Politics of Modern China: From Mao to Now

15 Points 0.1250 EFTS

China is on the rise, while our traditional allies are widely perceived as being in decline. China is the world's second-largest economy and New Zealand's second-largest trading partner. This course examines the domestic and foreign politics of China "from Mao to Now" and discusses the implications of China's rise for the current global order as well as New Zealand's own interests.

P: 15 points in POLS at 100-level for one course; 30 points in POLS at 100-level for two or more courses. Students not meeting the prerequisites but with at least a B average in 60 points in appropriate courses may be admitted to take Political Science courses at the 200-level with the approval of the Programme Director.

POLS211-13S1 (C) Semester 1

POLS 212 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: 15 points in POLS at 100-level for one course; 30 points in POLS at 100-level for two or more courses. Students not meeting the prerequisites but with at least a B average in 60 points in appropriate courses may be admitted to take Political Science courses at the 200-level with the approval of the Programme Director.

POLS212-13S1 (C) Semester 1

POLS 213 Special Topic: Modern Conflict: Modern Stateless Warfare

15 Points 0.1250 EFTS

Not offered in 2013

This course focuses on insurgent stateless warfare in its guerrilla and terrorist modes and in its nationalist, maoist and postmaoist phases of modernisation. Insurgency is compared with states' warfare and with criminality and then insurgents' motive, means and opportunity are analysed from social-science, military and environmental perspectives.

P: 15 points in POLS at 100-level for one course; 30 points in POLS at 100-level for two or more courses. Students not meeting the prerequisites but with at least a B average in 60 points in appropriate courses may be admitted to take Political Science courses at the 200-level with the approval of the Programme Director.

POLS 214 World Politics: Australia, New Zealand and South Pacific

15 Points 0.1250 EFTS

Not offered in 2013

A comparative analysis of the politics of New Zealand, Australia and Pacific Island countries.

P: 15 points in POLS at 100-level for one course; 30 points in POLS at 100-level for two or more courses. Students not meeting the prerequisites but with at least a B average in 60 points in appropriate courses may be admitted to take Political Science courses at the 200-level with the approval of the Programme Director.

R: PACS 203

EQ: PACS 203

POLS 216 New Zealand Local Government: Politics and Policy in Practice

15 Points 0.1250 EFTS

Not offered in 2013

This course examines local and regional community politics in New Zealand; 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.

P: 15 points in POLS at 100-level for one course; 30 points in POLS at 100-level for two or more courses. Students not

meeting the prerequisites but with at least a B average in 60 points in appropriate courses may be admitted to take Political Science courses at the 200-level with the approval of the Programme Director.
R: POLS 209

POLS 217 Special Topic

15 Points

0.1250 EFTS

Not offered in 2013

P: 15 points in POLS at 100-level for one course; 30 points in POLS at 100-level for two or more courses. Students not meeting the prerequisites but with at least a B average in 60 points in appropriate courses may be admitted to take Political Science courses at the 200-level with the approval of the Programme Director.

POLS 219 Foreign Policy in Theory and Practice

15 Points

0.1250 EFTS

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: 15 points in POLS at 100-level for one course; 30 points in POLS at 100-level for two or more courses. Students not meeting the prerequisites but with at least a B average in 60 points in appropriate courses may be admitted to take Political Science courses at the 200-level with the approval of the Programme Director.

POLS219-13S1 (C)

Semester 1

POLS 223 Minorities in Politics and Policy in the Asia Pacific

15 Points

0.1250 EFTS

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: 15 points in POLS at 100-level for one course; 30 points in POLS at 100-level for two or more courses. Students not meeting the prerequisites but with at least a B average in 60 points in appropriate courses may be admitted to take Political Science courses at the 200-level with the approval of the Programme Director.

POLS223-12SU2 (C)

Summer (Nov 12)

POLS 225 Special Topic: BioEthics: Life, Death, and Medicine

15 Points

0.1250 EFTS

Biomedical ethics is the critical study of ethical problems arising from medicine, healthcare and the biological sciences. In this course we discuss some ethical questions concerning such issues as: abortion, euthanasia, health

resource allocation, organ donation, experimentation on animals, medical paternalism, genetic modification of animals, human cloning, eugenics and designer babies, genetics, equality and justice.

P: 15 points in POLS at 100-level for one course; 30 points in POLS at 100-level for two or more courses. Students not meeting the prerequisites but with at least a B average in 60 points in appropriate courses may be admitted to take Political Science courses at the 200-level with the approval of the Programme Director.

R: PHIL 240, PHIL 324

EQ: PHIL 240

POLS225-13S1 (C)

Semester 1

POLS 232 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: 15 points in POLS at 100-level for one course; 30 points in POLS at 100-level for two or more courses. Students not meeting the prerequisites but with at least a B average in 60 points in appropriate courses may be admitted to take Political Science courses at the 200-level with the approval of the Programme Director.

R: COMS 205

EQ: COMS 205

POLS232-13S2 (C)

Semester 2

POLS 258 Te Tiriti: The Treaty of Waitangi

15 Points

0.1250 EFTS

Not offered in 2013

A multi-disciplinary approach to the Treaty including: origins of British policy, did the Treaty cede sovereignty in 1840, alienation of land, marginalisation of Māori society, radical protest, Waitangi Tribunal, Office of Treaty Settlements; UN policy on the settlement of indigenous claims, comparative histories in Africa, Australia, Canada and the United States; Sealords, Tainui, Ngai Tahu and other settlements; Principles of the Treaty in education, health, television and public policy; current issues, foreshore and seabed, resources, airwaves, waterways, Māori seats, race relations, one law for all.

P: Any 15 points in 100-level course in Aotahi: School of Māori and Indigenous Studies or or 30 points in 100-level courses in Arts, Education, Fine Arts, Music and Social Work, or by permission of the Head of School.

R: MAOR 219, HIST 268, SOCI 209, HSRV 207, POLS 218

EQ: HIST 268, MAOR 219, SOCI 209, HSRV 207

POLS 301 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: 15 points at 200-level in POLS or PHIL 236 or PHIL 239. Students without these prerequisites but with at least a B average in 60 points in appropriate courses may enter the course with the approval of the Programme Director.

R: PHIL 317, POLS 351

EQ: PHIL 317

POLS301-13S2 (C) Semester 2

POLS 302 Power

30 Points 0.2500 EFTS

Not offered in 2013

Power is the central concept in Political Science, yet there is little consensus about what it actually means. The course will provide students with the opportunity to focus explicitly on this concept, the controversies surrounding it and why these controversies matter for politics as well as for Political Science. It explicates how and why different conceptions of power underlie different ideological positions, as well as their implications for freedom and autonomy. It explores the relationships among power, resistance and empowerment. The course will make regular use of films and their analysis as a way of elucidating the interplay of different types of power and responses to it.

P: 15 points in POLS at 200-level for one course; 30 points in POLS at 200-level for two or more courses. Students without 15 points at 200-level in POLS but with at least a B average in 75 points in appropriate courses may be admitted to any one POLS course at 300-level with the approval of the Programme Director.

R: POLS 318

POLS 303 Middle East: Selected Topics in Foreign Policy

30 Points 0.2500 EFTS

Not offered in 2013

This course will cover selected topics in foreign policy related to the Middle East.

P: 15 points in POLS at 200-level for one course; 30 points in POLS at 200-level for two or more courses. Students without 15 points at 200-level in POLS but with at least a B average in 75 points in appropriate courses may be admitted to any one POLS course at 300-level with the approval of the Programme Director.

POLS 304 Environmental Politics and Policy

30 Points 0.2500 EFTS

This course analyses the resource and environmental aspects of public policy.

P: 15 points in POLS at 200-level for one course; 30 points in POLS at 200-level for two or more courses. Students without 15 points at 200-level in POLS but with at least a B average in 75 points in appropriate courses may be admitted to any one POLS course at 300-level with the approval of the Programme Director.

POLS304-13S1 (C) Semester 1

POLS 305 Political Behaviour: Political Psychology and Culture

30 Points 0.2500 EFTS

Not offered in 2013

This course examines the context and content of the political behaviour of the public and its leaders. It discusses the role and limitations of public opinion in democracies and its measurement and how personality and even biology affects political behaviour. It also introduces concepts from political psychology and political socialization to demonstrate how we come to behave as we do politically.

P: 15 points in POLS at 200-level for one course; 30 points in POLS at 200-level for two or more courses. Students without 15 points at 200-level in POLS but with at least a B average in 75 points in appropriate courses may be admitted to any one POLS course at 300-level with the approval of the Programme Director.

POLS 306 The Craft of Political Research and Analysis

30 Points 0.2500 EFTS

Not offered in 2013

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: 15 points in POLS at 200-level for one course; 30 points in POLS at 200-level for two or more courses. Students without 15 points at 200-level in POLS but with at least a B average in 75 points in appropriate courses may be admitted to any one POLS course at 300-level with the approval of the Programme Director.

POLS 307 Policy Issues in Science, Technology and Global Health

30 Points 0.2500 EFTS

This courses analyzes major political issues and policy challenges in the related areas of global health, biomedicine, biotechnology, and the life sciences industry. Specific issues include HIV/AIDs and responses to infectious disease, the allocation of health resources both domestically and globally, health security, health activism, and health diplomacy. Cases will be drawn from North American, Australasia and Africa.

P: 15 points in POLS at 200-level for one course; 30 points in POLS at 200-level for two or more courses. Students without 15 points at 200-level in POLS but with at least a B average in 75 points in appropriate courses may be admitted to any one POLS course at 300-level with the approval of the Programme Director.

POLS307-13S2 (C) Semester 2

POLS 308 International Politics: New Zealand, Conflict and Pacific Politics

30 Points 0.2500 EFTS

Not offered in 2013

This course analyses New Zealand's defence and foreign policy as it enters the century of the Pacific.

P: 15 points in POLS at 200-level for one course; 30 points in POLS at 200-level for two or more courses. Students without 15 points at 200-level in POLS but with at least a B average in 75 points in appropriate courses may be admitted to any one POLS course at 300-level with the approval of the Programme Director.

R: PACS 303

EQ: PACS 303

POLS 310 International Politics: Conflict and Conflict Management

30 Points 0.2500 EFTS

Not offered in 2013

This is an interdisciplinary course concerned with the analysis of social conflict. The course will consider such issues as the origins, incidence and management of conflict in various contexts.

P: 15 points in POLS at 200-level for one course; 30 points in POLS at 200-level for two or more courses. Students without 15 points at 200-level in POLS but with at least a B average in 75 points in appropriate courses may be admitted to any one POLS course at 300-level with the approval of the Programme Director.

POLS 311 World Politics: North East Asia

30 Points 0.2500 EFTS

This course surveys the politics of Northeast Asia and the international relations of the key players in the region, examining the current balance of power, and the implications of this for New Zealand. If you have not studied Asian Politics before, this course will provide essential information; if you have, you will be able to build on your existing knowledge.

P: 15 points in POLS at 200-level for one course; 30 points in POLS at 200-level for two or more courses. Students without 15 points at 200-level in POLS but with at least a B average in 75 points in appropriate courses may be admitted to any one POLS course at 300-level with the approval of the Programme Director.

POLS311-1351 (C)

Semester 1

POLS 312 Politics of Race and Ethnicity

30 Points 0.2500 EFTS

This course will examine controversial political ideologies that invoke ethnicity. These ideologies include Social Darwinism, nationalism, and socio-biology. Some of these ideologies have been associated with extreme racial politics while others, such as JS Mill's Nationalism, are compatible with conventional liberal values. This course is primarily designed to be useful to political theory students but it will also be valuable for students from other social and political sciences or from the humanities. The course material will include some 'classic' sources such as writings by J.S. Mill

and Charles Darwin, but will mostly be drawn from current literature.

P: 15 points in POLS at 200-level for one course; 30 points in POLS at 200-level for two or more courses. Students without 15 points at 200-level in POLS but with at least a B average in 75 points in appropriate courses may be admitted to any one POLS course at 300-level with the approval of the Programme Director.

R: MAOR 324

EQ: MAOR 324

POLS312-1351 (C)

Semester 1

POLS 313 Critical Approaches to International Relations

30 Points 0.2500 EFTS

Not offered in 2013

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: 15 points in POLS at 200-level for one course; 30 points in POLS at 200-level for two or more courses. Students without 15 points at 200-level in POLS but with at least a B average in 75 points in appropriate courses may be admitted to any one POLS course at 300-level with the approval of the Programme Director.

POLS 314 World Politics: Militaries and Societies

30 Points 0.2500 EFTS

Not offered in 2013

This course covers the historical development of the modern military, and its role in politics and society in a variety of countries. It also covers democratisation of military regimes. The final section of the course is devoted to contemporary issues in civil-military relations, including the possible emergence of a post-modern military, warriors and peace-keeping, and the return of the mercenary.

P: 15 points in POLS at 200-level for one course; 30 points in POLS at 200-level for two or more courses. Students without 15 points at 200-level in POLS but with at least a B average in 75 points in appropriate courses may be admitted to any one POLS course at 300-level with the approval of the Programme Director.

R: ILAP 656, ILAP 688

POLS 315 Continuity and Change in the Politics of Contemporary Democracies

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: 15 points in POLS at 200-level for one course; 30 points in POLS at 200-level for two or more courses. Students without 15 points at 200-level in POLS but with at least a B average in 75 points in appropriate courses may be admitted to any one POLS course at 300-level with the approval of the Programme Director.

POLS315-13S2 (C) Semester 2

POLS 316 Public Management
30 Points 0.2500 EFTS

Not offered in 2013

Theories and practice of management and governance in the public sector.

P: 15 points in POLS at 200-level for one course; 30 points in POLS at 200-level for two or more courses. Students without 15 points at 200-level in POLS but with at least a B average in 75 points in appropriate courses may be admitted to any one POLS course at 300-level with the approval of the Programme Director.

POLS 317 International Politics: Peace and Security in International Relations

30 Points 0.2500 EFTS

In this course, we will look at the rise of peace studies as a new field of social inquiry. The overall purpose of the course is to search for answers to key questions: 1) Why Violence, and 2) How Peace? Topics covered include social, structural, and psychological theories of violence; the concepts of positive and negative peace; religious and moral dimensions of peace studies; and peace movements in New Zealand and abroad.

P: 15 points in POLS at 200-level for one course; 30 points in POLS at 200-level for two or more courses. Students without 15 points at 200-level in POLS but with at least a B average in 75 points in appropriate courses may be admitted to any one POLS course at 300-level with the approval of the Programme Director.

POLS317-13S1 (C) Semester 1

POLS 318 Special Topic
30 Points 0.2500 EFTS

Not offered in 2013

P: 15 points at 200-level in Political Science or MAOR 219 or PHIL 239. Students without 15 points at 200-level in POLS, but with at least a B average in 60 points in appropriate courses may be admitted to any one POLS course at 300-level with the approval of the Programme Director.

POLS 319 International Organizations: The United Nations and International Security

30 Points 0.2500 EFTS

Not offered in 2013

An advanced undergraduate course examining international security cooperation, with a focus on the United Nations Security Council

P: 15 points in POLS at 200-level for one course; 30 points in POLS at 200-level for two or more courses. Students without 15 points at 200-level in POLS but with at least a B average in 75 points in appropriate courses may be admitted to any one POLS course at 300-level with the approval of the Programme Director.

POLS 320 New Zealand Government: politics and policy in the New Zealand state

30 Points 0.2500 EFTS

Not offered in 2013

New Zealand is a comparatively small state with one of the oldest constitutions in the world. Given the tremendous changes in New Zealand society, what gives the New Zealand political system its resilience? This course studies the interaction between state and society via the basic instruments of governance in New Zealand, such as the bible of New Zealand government, the Cabinet Manual, the various statutes and conventions that comprise the constitution, and cabinet and central government processes. The course is designed so that such material leaves you able to enter work that involves the New Zealand government (whether in the Beehive, a business, or an NGO) with some knowledge of its operation, informed by the theoretical perspectives of political science.

P: 15 points in POLS at 200-level for one course; 30 points in POLS at 200-level for two or more courses. Students without 15 points at 200-level in POLS but with at least a B average in 75 points in appropriate courses may be admitted to any one POLS course at 300-level with the approval of the Programme Director.

R: POLS 217

POLS 321 Special Topic
30 Points 0.2500 EFTS

Not offered in 2013

P: 15 points in POLS at 200-level for one course; 30 points in POLS at 200-level for two or more courses. Students without 15 points at 200-level in POLS but with at least a B average in 75 points in appropriate courses may be admitted to any one POLS course at 300-level with the approval of the Programme Director.

POLS 330 Special Topic: US Foreign Policy
30 Points 0.2500 EFTS

This course will cover basic principles of American foreign policy. It will explore some key aspects of the foreign relations of the US with other countries and regions, and will consider the role of the United States in the contemporary world.

P: 15 points in POLS at 200-level for one course; 30 points in POLS at 200-level for two or more courses. Students without 15 points at 200-level in POLS but with at least a B average

in 75 points in appropriate courses may be admitted to any one POLS course at 300-level with the approval of the Programme Director.

POLS330-12SU2 (C) Summer (Nov 12)

POLS 332 Media and Conflict

30 Points 0.2500 EFTS

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: 15 points in POLS at 200-level for one course; 30 points in POLS at 200-level for two or more courses. Students without 15 points at 200-level in POLS but with at least a B average in 75 points in appropriate courses may be admitted to any one POLS course at 300-level with the approval of the Programme Director.

R: COMS 306

EQ: COMS 306

POLS332-13S2 (C) Semester 2

POLS 351 Contemporary Political Philosophy

30 Points 0.2500 EFTS

Not offered in 2013

This is an advanced course in contemporary political philosophy.

P: 15 points at 200-level in POLS or PHIL 236 or PHIL 239 or MAOR 219. Students without these prerequisites but with at least a B average in 60 points in appropriate courses may enter the course with the approval of the Programme Director.

R: PHIL 317, POLS 301

POLS 358 Kaupapa Māori: Contemporary Issues in Māori and Indigenous Societies

30 Points 0.2500 EFTS

Not offered in 2013

Current political, social and cultural issues in Māori and indigenous societies, including the Report on the UN Special Rapporteur, UNCERD and CANZUS not signing the UN Declaration on the Rights of Indigenous People (2007); self-determination – Māori Council vs Māori Congress, Tribal vs Urban Authorities; post-settlement tribal organisations: Tainui and Ngai Tahu; Principles of the Treaty, Māori and Pakeha aspirations for Māori in government policy; political representation, the Māori seats and the role of the Māori Party; Māori TV, the Foreshore and Seabed, the Warrior Gene debate, terrorism, child abuse, health, do Māori fail in education or does education fail Māori? Students will be able to study an issue of their choosing.

P: 15 points at 200-level in POLS or MAOR 219. Students without 15 points at 200-level in POLS, but with at least a B average in 75 points in appropriate courses may be admitted to any one POLS course at 300-level with the approval of the Head of Department.

R: MAOR 301, POLS 331

EQ: MAOR 301

ARTS 395 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: Special application and interview, with permission of Internship Director.

RP: Students should attend UC Careers CV writing and Interview skills workshops prior to submitting internship application.

ARTS395-13S1 (C)

Semester 1

ARTS395-13A (C)

Starts Any time

ARTS395-13S2 (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 www.arts.canterbury.ac.nz/internship 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.

POLS 401 Political Theory: Ethics and International Relations

0.2500 EFTS

This course examines justice and liberty in such a way as to include contemporary topics such as international resource distribution, just and unjust wars, and justice and indigenous people.

P: Subject to approval of the Head of School.

R: DIPL 427, ILAP 663

EQ: DIPL 427

POLS401-13W (C)

Whole Year (S1 and S2)

POLS 402 World Politics: Modern Middle East Politics

0.2500 EFTS

Not offered in 2013

Political and legal aspects of the Palestine question in the context of the Arab-Israeli conflict and peace process.

P: Subject to approval of the Head of School.

POLS 403 Politics and Markets: Neo-liberalism and Globalisation

0.2500 EFTS

Not offered in 2013

This course explores 'governance, 'global governance', and neoliberalism. 'Governance' asserts the possibility of governing without government—through, for example,

markets, NGOs, or corporate self-regulation. The term 'governance' was rarely used in a political sense prior to 1990, but has since become ubiquitous. This development coincides with the rise of neoliberalism as the dominant approach to politics and policy at the national, regional, and global levels. In this course we explore the idea of governance and its relation to neoliberalism; how governance practices have developed; and whether governance is preferable to government. We examine the role of non-state actors (such as NGOs, corporations, expert committees) in governance at both the national and global levels. We examine the way power operates in governance and whether this is different from government. We study a wide range of governance activities, including those associated with consumer movements (such as 'ethical consumerism'), international aid NGOs, and international organisations such as the OECD, UN agencies, World Bank, IMF, and the International Standards Organisation.

P: Subject to approval of the Head of School.
R: DIPL 443, ILAP 673
EQ: DIPL 443

POLS 404 New Zealand Foreign Policy 0.2500 EFTS

Not offered in 2013
An advanced course on New Zealand's external relations.
P: Subject to approval of the Head of School.
R: DIPL 407
EQ: DIPL 407

POLS 406 World Politics: New Zealand Politics 0.2500 EFTS

An advanced course on New Zealand domestic politics.
P: Subject to approval of the Head of School.
POLS406-13W (C) Whole Year (S1 and S2)

POLS 407 World Politics: Politics of the Americas 0.2500 EFTS

Not offered in 2013
P: Subject to approval of the Head of School.

POLS 408 World Politics: Nationalism, Ethnicity and Globalisation in Asia and Australasia 0.2500 EFTS

Among the most powerful forces in politics today are ethnicity, nationalism, and globalisation. These forces shape the ways we think about ourselves and the world around us. They shape political interactions between groups and between nations. And they are the driving forces behind many of the conflicts in the world today. In this course we will explore the nature of ethnicity, nationalism, and globalisation, and some of the factors that create and perpetuate them. We also examine the interactions between these powerful forces, and the ways that interaction shapes identity and politics. Will globalisation tame ethnic and

nationalist impulses? Or will it exacerbate ethnic and nationalist conflict?

P: Subject to approval of the Head of School.
R: DIPL 420
POLS408-13W (C) Whole Year (S1 and S2)

POLS 409 World Politics 0.2500 EFTS

Not offered in 2013
P: Subject to approval of the Head of School.
R: DIPL 417
EQ: DIPL 417

POLS 411 World Politics: Transforming Asian Societies 0.2500 EFTS

China is likely to be the most dominant power in our region in the not too distant future. This course focuses on key aspects of Chinese politics such as ethnic politics, the role of the media, human rights, and China's foreign policy to help students develop the necessary China-knowledge to interpret and interact with China, in the current era, in all its complexity.
P: Subject to approval of the Head of School.

R: DIPL 431
EQ: DIPL 431
POLS411-13W (C) Whole Year (S1 and S2)

POLS 414 International Politics: Mediation 0.2500 EFTS

Not offered in 2013
An advanced course that examines mediation as a major method of international conflict management.
P: Subject to approval of the Head of School.
R: DIPL 410
EQ: DIPL 410

POLS 415 The Politics of Oceania 0.2500 EFTS

Not offered in 2013
This course will focus on the politics and internal conflict of selected countries in Oceania.
P: Subject to approval of the Head of School.
R: DIPL 411, PACS 404
EQ: DIPL 411, PACS 404

POLS 416 Policy Issues in Biotechnology and Human Security 0.2500 EFTS

Not offered in 2013
This comparative policy course analyzes a range of biotechnologies via the lenses of global health, environmental sustainability and national/global security. Specific issues include bioterrorism/bioweapons, human enhancement via technology, genetic engineering, nanotechnology and science diplomacy. We will discuss, through various national and regional examples including North America, Africa and the Asia-Pacific, how new scientific knowledge is applied, exploited, and controlled, and how its applications are shaped. Students will also

be introduced to the theory and practice of public policy analysis in an international context. No scientific training is necessary to enrol in this course.

P: Subject to approval of the Head of School.
R: DIPL 424
EQ: DIPL 424

POLS 417 Special Topic: Great Works in Political Science 0.2500 EFTS

This is a seminar on the the great works in political science that have fundamentally changed the way we understand politics and society. In this course, students will engage with the basic ideas and concepts that have forged the study of contemporary study of politics.

P: Subject to approval of the Head of School.
R: DIPL 405
EQ: DIPL 405

POLS417-13W (C) Whole Year (S1 and S2)

POLS 420 The Politics of Human Rights in a Globalized World 0.2500 EFTS

Not offered in 2013

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. Topics include cultural relativism vs. universal norms, economic vs. political rights, and individual vs. group rights.

P: Subject to Approval of the Head of School.
R: POLS 405, DIPL 409/418, ILAP 662
RP: Some international relations background would be helpful.
EQ: DIPL 418

POLS 422 Intervention and International Relations 0.2500 EFTS

This course examines the theory and history of intervention in international relations. A variety of contemporary examples of humanitarian intervention are studied in order to shed light on the ongoing difficulty of using military force for the promotion of human rights.

P: Subject to approval of Head of School.
R: DIPL 425
EQ: DIPL 425

POLS422-13W (C) Whole Year (S1 and S2)

POLS 423 Special Topic: Comparative Political Institutions of Advanced Industrial Democracies 0.2500 EFTS

Not offered in 2013

This course is an in-depth examination of the continuities and changes in the development of political institutions in advanced industrial democracies. We examine the development of the modern nation-state, modern party systems, electoral institutions, and the impact of economic institutions.

R: DIPL 423

POLS 424 Special Topic: Non-Proliferation 0.2500 EFTS

Not offered in 2013

This is a course about weapons of mass destruction (WMD), the tools developed to prevent their proliferation, and the efforts of those devoted to eliminating them.

P: Subject to approval of the Head of School.
R: DIPL 408, ILAP 682
EQ: DIPL 408

POLS 425 Special Topic 0.2500 EFTS

Not offered in 2013

P: Subject to approval of the Head of School.

POLS 430 Special Topic: Public Diplomacy 0.2500 EFTS

Not offered in 2013

This paper exposes students to the role of media in international relations. It analyses how contemporary media structures and processes inform relations between and among nations.

P: Subject to approval of the Programme Coordinator.
R: COMS 420
EQ: COMS 420

POLS 480 Supervised Research Paper 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. 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 School.
POLS480-13W (C) Whole Year (S1 and S2)

POLS 680 Individual Course of Study 0.4000 EFTS

Not offered in 2013

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

POLS 690 MA Thesis 1.0000 EFTS

P: Subject to approval of the Head of School.
POLS690-13A (C) Starts Any time
Part-time enrolment (0.65 EFTS) is available on approval.

POLS 790 Political Science PhD 1.0000 EFTS

P: Subject to approval of the Head of School.

POLS790-13A (C) Starts Any time*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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Printmaking

*Centre for Fine Arts, Music and Theatre***PRIN 201 Printmaking** 0.7500 EFTS90 Points
Studies leading to a general understanding of the printmaking processes based upon the principles of basic printmaking methods. A study of drawing as a unique medium and as a skill related to printmaking. Specified projects and research.

P: FINT 103

PRIN201-13W (C) Whole Year (S1 and S2)*Limited entry. See limitation of entry regulations.***PRIN 301 Printmaking** 0.7500 EFTS90 Points
A further investigation into methods of printmaking, and evolving, through research and practice, the basis of personal style. Drawing and workbook.

P: (1) PHOT 201, (2) 30 points at 100-level in ARTH, and (3) 15 points at 200-level in ARTH.

PRIN301-13W (C) Whole Year (S1 and S2)*Limited entry. See limitation of entry regulations.***PRIN 401 Printmaking** 0.7500 EFTS90 Points
A study of multi-media printmaking directed at further developing an aesthetic which may encompass the experimental. Drawing and workbook.

P: PRIN 301

PRIN401-13W (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.***PRIN 501 Printmaking** 0.7500 EFTS

P: (1) FBAE 301 or FBAE 402 or PRIN 401; (2) Subject to approval of the Head of Department.

PRIN501-13W (C) Whole Year (S1 and S2)**PRIN 550 Research Paper** 0.2500 EFTS

P: (1) FBAE 301 or FBAE 402 or PRIN 401; (2) Subject to approval of the Head of Department.

PRIN550-13W (C) Whole Year (S1 and S2)**PRIN 601 Printmaking** 1.0000 EFTS

P: Subject to approval of the Head of Department.

PRIN601-13A (C) Starts Any time*Part-time enrolment (0.65 EFTS) is available on approval.***PRIN 602 Printmaking** 0.5000 EFTS

P: Subject to approval of the Head of Department.

PRIN602-13W (C) Whole Year (S1 and S2)

Psychology

*Department of Psychology***PSYC 105 Introductory Psychology - Brain, Behaviour and Cognition** 0.1250 EFTS15 Points
An introduction to the brain and its role in thought and behaviour, and to perception, learning and cognition.

R: PSYC 103, PSYC 104

PSYC105-13S1 (C) Semester 1**PSYC 106 Introductory Psychology - Social, Personality and Developmental** 0.1250 EFTS15 Points
An introduction to social psychology, developmental psychology, personality and individual differences, and abnormal psychology.

R: PSYC 103, PSYC 104

PSYC106-13S2 (C) Semester 2**PSYC 206 Research Design and Statistics** 0.1250 EFTS15 Points
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: PSYC 105 and PSYC 106

PSYC206-13S2 (C) Semester 2**PSYC 207 Developmental Psychology** 0.1250 EFTS15 Points
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: PSYC 104, or PSYC 105 and PSYC 106
PSYC207-1352 (C) Semester 2

PSYC 208 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: PSYC 104, or PSYC 105 and PSYC 106, 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.

PSYC208-1351 (C) Semester 1

PSYC 209 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: PSYC 104, or PSYC 105 and PSYC 106, 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.

PSYC209-1351 (C) Semester 1

PSYC 211 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: PSYC 104, or PSYC 105 and PSYC 106
PSYC211-1351 (C) Semester 1

PSYC 212 Foundations of Behavioural Neuroscience

15 Points 0.1250 EFTS
 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, and/or BIOL 113, and/or BIOL 116
PSYC212-1352 (C) Semester 2

PSYC 332 Social Psychology

30 Points 0.2500 EFTS
 This course is designed as an introductory overview of classical and contemporary social psychology. The lectures cover a wide range of core topics in social psychology, from the individual (e.g. the self concept and self presentation) to social groups (e.g. intergroup conflict). The course also considers wider applications of social psychology (eg. social psychology in the courtroom). The course also contains a laboratory class in which students work in small groups conducting social psychology research projects.

P: PSYC 206.
 RP: 15 further points from PSYC 200.
PSYC332-1351 (C) Semester 1

PSYC 333 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: PSYC 206.
 RP: 15 further points from PSYC 200/300.
PSYC333-1351 (C) Semester 1

PSYC 334 Learning and Behaviour Analysis

30 Points 0.2500 EFTS
 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: PSYC 206
PSYC334-13W (C) Whole Year (S1 and S2)

PSYC 335 Abnormal Psychology

30 Points 0.2500 EFTS
 An introductory course in abnormal psychology covering both the traditional and modern approaches to the field.

P: PSYC 206.
 RP: PSYC 207, PSYC 211
PSYC335-13W (C) Whole Year (S1 and S2)

PSYC 336 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: PSYC 206.
 RP: PSYC 211, 15 further points from PSYC 200
PSYC336-1352 (C) Semester 2

PSYC 338 Family Psychology

30 Points

0.2500 EFTS

Not offered in 2013

An interdisciplinary course exploring the historical, psychological, and developmental processes individuals need to start, maintain, and develop a family. Additionally, the course examines how family structures and processes vary over the life course and explores both traditional and non-traditional forms of the family.

P: EITHER PSYC 206 or PSYC 207; OR PSYC 105 and PSYC 106 PLUS at least 15 points at 200-level or above in a course approved by the Head of Department Psychology.

PSYC 339 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 (eg, smoking, diet), individual and population approaches to behaviour change, stress and coping, adjustment to illness.

P: PSYC 206

PSYC339-13S2 (C)**Semester 2****PSYC 340 Cognitive Psychology**

30 Points

0.2500 EFTS

An advanced seminar based course that focuses on current major developments and issues in cognitive psychology.

P: PSYC 208

PSYC340-13W (C)**Whole Year (S1 and S2)****PSYC 341 Environmental Psychology**

15 Points

0.1250 EFTS

An introduction to Environmental Psychology, an integrative area of psychology which places particular emphasis on people-environment interrelationships and transactions, including environment-behaviour relationships, environmental perception and cognition, environmental stress and adaptive responding, cultural values, disaster preparedness and response, conservation behaviour and sustainability initiatives, and the effects of climate, ergonomics and behavioural design.

P: PSYC 206, or 30 points of 100-level Psychology PLUS 15 points of relevant advanced courses approved by the Head of Department.

RP: Any of BIOL 112, GEOG 106, GEOG 107, GEOG 108

PSYC341-13S1 (C)**Semester 1****PSYC 342 Special Topic**

30 Points

0.2500 EFTS

P: PSYC 206

PSYC342-13W (C)**Whole Year (S1 and S2)****PSYC 343 Psychology of Adult Development**

30 Points

0.2500 EFTS

Not offered in 2013

A survey of human development covering adolescence, young adulthood, middle-age, and senescence.

P: EITHER one course from PSYC 206 - PSYC 211; OR PSYC 105 and PSYC 106 PLUS 15 points from a course approved by the Head of Department of Psychology.

PSYC 344 Research Methods

30 Points

0.2500 EFTS

An advanced survey of research methods, including the design and conduct of research studies and the analysis and reporting of data in Psychology.

P: PSYC 206

PSYC344-13S1 (C)**Semester 1****PSYC 345 Special Topic**

30 Points

0.2500 EFTS

Not offered in 2013

P: Subject to approval of the Head of Department.

Limited entry. See limitation of entry regulations.

PSYC 346 Judgement and Decision Making

15 Points

0.1250 EFTS

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: PSYC 206, or equivalent preparation

PSYC346-13S2 (C)**Semester 2****PSYC 348 Special Topic: 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: EITHER PSYC 206 or PSYC 207; or PSYC 105 and PSYC 106 plus at least 15 points at 200-level or above in a course approved by the Head of Department of Psychology.

PSYC348-13S2 (C)**Semester 2**

PSYC 401 Economic Psychology

30 Points 0.2500 EFTS

Not offered in 2013

A course emphasising the effects of the economy on people and the effects that individual decisions have on the economy.

P: Subject to approval of the Head of Department.

PSYC 404 Human and Animal Neuropsychology

30 Points 0.2500 EFTS

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.

PSYC404-13W (C) Whole Year (S1 and S2)*Limited entry. See limitation of entry regulations.***PSYC 413 Research & Theory in Developmental Psychology**

30 Points 0.2500 EFTS

Not offered in 2013

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: CFPY 602, EDEM 662, EDUC 416.

PSYC 415 Research in Experimental Analysis of Behaviour

30 Points 0.2500 EFTS

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.

PSYC415-13W (C) Whole Year (S1 and S2)**PSYC 416 Cognitive Psychology**

30 Points 0.2500 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: PHIL 476

PSYC416-13W (C) Whole Year (S1 and S2)**PSYC 428 Forensic Psychology**

30 Points 0.2500 EFTS

The application of psychology to understanding criminal behaviour and the criminal justice system with particular reference to New Zealand, including theories of crime, the

measurement of criminal behaviour, and the role of the psychologist within the justice system.

P: Subject to approval of the Head of Department.

PSYC428-13W (C) Whole Year (S1 and S2)*Limited entry. See limitation of entry regulations.***PSYC 433 Research in Behavioural Pharmacology & Teratology**

30 Points 0.2500 EFTS

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: (1) PSYC 333 (or equivalent); (2) Entry subject to the approval of the Head of Department.

PSYC433-13W (C) Whole Year (S1 and S2)*Limited entry. See limitation of entry regulations.***PSYC 434 Special Topic: Health Psychology**

15 Points 0.1250 EFTS

Contemporary research and theory on how people stay healthy, why they become ill, and how they respond to illness. This is an advanced course in health psychology.

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

RP: A Bachelors degree majoring in psychology and PSYC 339 Health Psychology and Behaviour Changes

PSYC434-13S2 (C) Semester 2**PSYC 437 Health Psychology - Theories and Interventions**

30 Points 0.2500 EFTS

Not offered in 2013

Contemporary research and theory on how people stay healthy, why they become ill, and how they respond to illness. This is an advanced course in health psychology.

P: Subject to approval of the Head of Department.

PSYC 438 Special Topic

30 Points 0.2500 EFTS

Direct inquiries to Psychology Postgraduate Coordinator.

P: Subject to approval of the Head of Department.

PSYC438-13W (C) Whole Year (S1 and S2)**PSYC 439 Special Topic**

30 Points 0.2500 EFTS

PSYC439-13W (C) Whole Year (S1 and S2)**PSYC 451 Human Factors - Ergonomics**

15 Points 0.1250 EFTS

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.

PSYC451-13S2 (C) Semester 2

PSYC 452 Family Psychology

15 Points 0.1250 EFTS

Not offered in 2013

A comprehensive examination of adult development within a family context.

P: Subject to approval of the Head of Department.

PSYC 453 Psychology of Adult Development

15 Points 0.1250 EFTS

Not offered in 2013

A comprehensive examination of adult development and ageing.

P: Subject to approval of the Head of Department.

PSYC 455 Social Perception

15 Points 0.1250 EFTS

Not offered in 2013

An in-depth study of topics in social perception, focussing on identification of the (non-verbal) information attended to by social perceivers during social interactions.

P: Subject to approval of the Head of Department.

PSYC 457 Behavioural Interventions

15 Points 0.1250 EFTS

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.

PSYC457-1352 (C) Semester 2

PSYC 458 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.

PSYC458-1351 (C) Semester 1

PSYC 459 Psychology of the Self

15 Points 0.1250 EFTS

Not offered in 2013

This course examines how we come to know who we are and what motivates our thinking and behaviour. This will entail exploring the limits of introspection, implications of self-awareness, fears about death and vulnerability, motives for meaning and self-esteem, cognitive dissonance, evolution, and the impact of other people on the self.

P: Subject to approval of the Head of Department.

Limited entry. See limitation of entry regulations.

PSYC 460 Research Methods in Psychology

15 Points 0.1250 EFTS

Postgraduate course in statistics and research methods.

P: Subject to approval of the Head of Department.

R: PSYC 601

PSYC460-1352 (C) Semester 2

PSYC 461 The Nature of Psychological Inquiry

15 Points 0.1250 EFTS

Not offered in 2013

This one-semester course is concerned with a variety of traditional and new research methods of importance to psychology. It places a heavy emphasis on developing a critical conceptual understanding of different types of research methods in their proper scientific context. Each research method will be treated in terms of its history, its underlying logic, its appropriate research goals, and the critical issues that arise from its use.

P: Subject to approval of the Head of Department.

R: HAPS 416

EQ: HAPS 416

PSYC 463 Special Topic: Neuroscience of Addictive Behaviour

15 Points 0.1250 EFTS

Modern neuroscience research has characterised addiction as a disease of the brain. The delineation of brain pathways and molecular mechanisms responsible for compulsive drug abuse and addiction complements the traditional approach to addiction taken in psychology. This course is aimed to (i) helping the students understand the ultimate biological causes of addiction and its associated biobehavioural processes (e.g., conditioning, habit learning, motivation, reward, reinforcement), (ii) become familiar with research in animals models of drug addiction, (iii) encourage learning about the psychopharmacology of different classes of drug, and (iv) integrate research on human abuse and addiction patterns with current knowledge at three levels: neurocircuitry (neuropsychopharmacology), cellular (physiology) and molecular (genetic and molecular substrates).

P: PSYC 333 Biological Psychology (or equivalent). Subject to Approval of the Head of Department.

PSYC463-1351 (C) Semester 1

PSYC 464 Multivariate Statistics & Methods in Psychology

15 Points 0.1250 EFTS

Not offered in 2013

A one-semester course for psychology students in advanced multivariate statistics and related methodologies covering multiple regression analysis, factor analysis, and structural equation modelling.

P: Subject to approval of the Head of Department.

EQ: PSYC 602

PSYC 466 Special Topic

15 Points 0.1250 EFTS

Direct enquiries to PG Course Coordinator.

P: Subject to approval of the Head of Department.

PSYC466-13S2 (C) Semester 2**PSYC 467 Special Topic: Independent Course of Study**

15 Points 0.1250 EFTS

Direct enquiries to Psychology Graduate Studies Coordinator.

P: Subject to approval of the Head of Department.

PSYC467-13W (C) Whole Year (S1 and S2)**PSYC 468 Special Topic**

15 Points 0.1250 EFTS

P: Subject to approval of the Head of Department.

PSYC468-13S1 (C) Semester 1**PSYC 469 Special Topic**

15 Points 0.1250 EFTS

P: Subject to approval of the Head of Department.

PSYC469-13S2 (C) Semester 2**PSYC 470 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.

PSYC470-13W (C) Whole Year (S1 and S2)**PSYC470-13CY (C) Cross Year***Limited entry. See limitation of entry regulations.***PSYC 471 Special Topic:**

15 Points 0.1250 EFTS

P: Subject to approval of the Head of Department.

RP: PSYC 332

PSYC471-13S1 (C) Semester 1**PSYC 472 History of Psychology**

15 Points 0.1250 EFTS

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: HAPS 418

EQ: HAPS 418

PSYC472-13S1 (C) Semester 1**PSYC 473 The Individual in the Economy**

15 Points 0.1250 EFTS

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

PSYC473-13S2 (C) Semester 2**PSYC 475 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, eg, 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: PSYC 460, PSYC 461, or PSYC 464

R: PSYC 413; PSYC 415; PSYC 433; PSYC 467; PSYC 470

PSYC475-13W (C) Whole Year (S1 and S2)*Limited entry. See limitation of entry regulations.***PSYC 476 Controversial Issues in Psychology**

15 Points 0.1250 EFTS

Not offered in 2013

Advanced theoretical study of controversial issues in contemporary psychology such as the following: What is wrong with psychology? Can evolutionary theory unify psychology? Does the mind extend beyond the brain? Is intelligence one thing or many?

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

RP: A Bachelors degree in psychology

*Limited entry. See limitation of entry regulations.***ARTS 395 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: Special application and interview, with permission of Internship Director.

RP: Students should attend UC Careers CV writing and Interview skills workshops prior to submitting internship application.

ARTS395-13S1 (C) Semester 1

ARTS395-13A (C) Starts Any time

ARTS395-13S2 (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 www.arts.canterbury.ac.nz/internship 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.

PSYC 500 Diploma in Clinical Psychology
0.5000 EFTS

P: Subject to approval of the Head of Department.

PSYC500-13A (C) Starts Any time

PSYC 501 Diploma in Industrial and Organisational Psychology
1.0000 EFTS

Not offered in 2013

P: Subject to approval of the Head of Department.

PSYC 502 Diploma in Clinical Psychology Part Time
0.5000 EFTS

P: Subject to approval of the Head of Department.

PSYC502-13A (C) Starts Any time

PSYC 601 Research Methods in Psychology
0.1250 EFTS

Postgraduate course in statistics and research methods.

P: Subject to approval of the Head of Department.

R: PSYC 460, PSYC 464

PSYC601-13S2 (C) Semester 2

PSYC 602 Multivariate Statistics & Methods
0.1250 EFTS

Not offered in 2013

A one-semester course for psychology students in advanced multivariate statistics and related methodologies covering multiple regression analysis, factor analysis, and structural equation modelling.

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

R: PSYC 464

EQ: PSYC 464

PSYC 641 Advanced Psychopathology
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.

PSYC641-13W (C) Whole Year (S1 and S2)

Limited entry. See limitation of entry regulations.

PSYC 642 Psychometric Assessment Methods
0.1500 EFTS

The focus of this course is practical, focusing on interviewing and psychometric assessment methods. The interviewing component of the course will comprise an introduction to the interviewing process in Term 1. Students will then have the opportunity to further develop these skills during the PSYC643 clinic practicum following on from this teaching. Students are expected to be familiar with wide range of psychological/psychiatric disorders, the diagnostic criteria and other significant features associated with the disorder. The objectives of the interview part of the course are for students to develop: 1. An understanding of the interview process and the necessary skills for effective clinical interviewing. 2. An appreciation for safety issues, and be able to complete a suicide and dangerousness risk assessment. 3. Knowledge of assessment needs of specific psychological/psychiatric disorders, and the process of diagnosis through the interview process. The objective of the psychometric part of the course is to provide an introduction to the theory and practice of psychometric assessment in clinical practice. It is intended that as the course proceeds students will become familiar with the more frequently used psychometric tests, be aware of the strengths and deficits of each test, be confident with the choosing of tests for different presenting problems, and competent in the administration, scoring and interpretation of the tests.

P: Subject to approval of the Head of Department.

PSYC642-13W (C) Whole Year (S1 and S2)

Limited entry. See limitation of entry regulations.

PSYC 643 Year 1 Practicum
0.2000 EFTS

The course objective is to provide the opportunity for students to apply the science and practice of clinical psychology. This will occur within the context of a practicum at the Clinical Training and Research Centre (Department of Psychology) of one day per week in Terms 2-4. The focus for the year 1 practicum is on psychological assessment, with students being given the opportunity to observe and participate in assessment interviews, psychometric assessments and report writing.

P: Subject to approval of the Head of Department.

PSYC643-13W (C) Whole Year (S1 and S2)

Limited entry. See limitation of entry regulations.

PSYC 651 Psychotherapeutic Methods

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.

PSYC651-13W (C) Whole Year (S1 and S2)**PSYC 653 Year 2 Practicum**

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 Clinical Training and Research Centre (Department of Psychology), comprising one day per week in Term 1 and the completion of one intervention/therapy case during Terms 2-4.

P: Subject to approval of the Head of Department.

PSYC653-13W (C) Whole Year (S1 and S2)**PSYC 654 Comprehensive Exam in Clinical Psychology**

0.1000 EFTS

P: Subject to approval of the Head of Department.

PSYC654-13W (C) Whole Year (S1 and S2)**PSYC 661 Advanced Topics in Clinical Psychology I**

0.2500 EFTS

A survey of advanced topics in clinical psychology that builds upon previous courses in psychopathology, assessment, and intervention. Topics will include: ethics and professional issues, working with specific populations (eg, psychosis, substance use disorders); and cultural and diversity issues. The course is limited to students admitted into the clinical psychology programme.

P: (1) PSYC 651, PSYC 653, PSYC 654 (2) Entry is subject to approval of the Head of Department.

PSYC661-13W (C) Whole Year (S1 and S2)**PSYC 662 Advanced Topics in Clinical Psychology II**

0.2500 EFTS

Coverage of advanced topics in clinical psychology that builds upon previous courses in psychopathology, assessment, and intervention. Topics will include: advanced

cognitive behaviour therapy strategies and techniques, schema therapy, interpersonal therapy, couples and family therapy, dialectical behaviour therapy, and cultural issues in psychotherapy. Limited to students admitted into the clinical psychology programme.

P: (1) PSYC 651, PSYC 653, PSYC 654 (2) Entry is subject to approval of the Head of Department.

PSYC662-13W (C) Whole Year (S1 and S2)**PSYC 670 Internship in Clinical Psychology**

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: PSYC 651, PSYC 653, PSYC 654. Entry is subject to Head of Department approval.

C: PSYC 661, PSYC 662.

PSYC670-13A (C) Starts Any time**PSYC 671 Internship in Clinical Psychology A - Part-time**

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) PSYC 651, PSYC 653, PSYC 654 (2) Entry is subject to approval of the Head of Department

C: PSYC 661, PSYC 662

R: PSYC 670

PSYC671-13W (C) Whole Year (S1 and S2)**PSYC 672 Internship in Clinical Psychology B - Part-time**

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 (PSYC 671 and PSYC 672). Limited to students already admitted to the clinical psychology programme.

P: PSYC 651, PSYC 653, PSYC 654, PSYC 671

C: PSYC 661, PSYC 662

R: PSYC 670

PSYC672-13W (C) Whole Year (S1 and S2)**PSYC 690 MA Thesis**

1.0000 EFTS

P: Subject to approval of the Head of Department.

PSYC690-13A (C) Starts Any time*Part-time enrolment (0.65 EFTS) is available on approval.*

PSYC 695 MSc Thesis

1.0000 EFTS

P: Subject to approval of the Head of Department.

PSYC695-13A (C) Starts Any time

PSYC 790 Psychology PhD

1.0000 EFTS

P: Subject to approval of the Head of Department.

PSYC790-13A (C) Starts Any time

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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

EULC 104 European Languages in Europe and Beyond

15 Points 0.1250 EFTS

This course introduces the formation of four of the most important languages spoken in Europe by investigating ethnic and cultural background, their development into specific linguistic units based on such factors as migration, colonisation, the rise of nation states, etc., and the role they play today in the dynamics of the European identity. It also examines the development and significance of European languages in the Americas and elsewhere, as well as European languages as spoken by European diasporas outside Europe.

R: FREN 117, GRMN 104, RUSS 102, EURO 104

EQ: EURO 104

EULC104-13S2 (C) Semester 2

RUSS 101 Russian 1

30 Points 0.2500 EFTS

Russian language course for absolute beginners based on the communicative approach.

RUSS101-13W (C) Whole Year (S1 and S2)

RUSS 111 Russia under the Tsars: the Autocratic Tradition (15th Century to 1917)

15 Points 0.1250 EFTS

The course provides an introduction to Russian history from medieval times to the Revolution, with particular emphasis on the Russian autocratic tradition from Ivan the Terrible to the last Romanovs. It examines how Russian tsars and emperors single-handedly ruled the country's vast Eurasian expanses, often bringing about enormous political and social transformations by decree.

R: HIST 138

EQ: HIST 138

RUSS111-13S2 (C) Semester 2

EULC 202 The European City

15 Points 0.1250 EFTS

This course explores the history, culture and present-day transformations of major cities in Europe such as London, Paris, Berlin, Moscow and St Petersburg.

P: Any 45 points

R: EULC 302, CULT 316, FREN 215, FREN 315, GRMN 235,

GRMN 335, GRMN 345, RUSS 222, RUSS 322

EULC202-13S2 (C) Semester 2

EULC 203 Representing Evil: the Holocaust and its Legacy

15 Points 0.1250 EFTS

Not offered in 2013

This course examines anti-Semitism, the rise of Nazism in the 1920s and 1930s, and the "Final Solution" of Auschwitz, along with subsequent attempts to explain, represent and come to terms with this "collapse of civilization". It studies

Religious Studies

School of 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.

RELS 690 MA Thesis

1.0000 EFTS

P: Subject to approval of the Programme Director for Religious Studies.

RELS690-13A (C) Starts Any time

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

Please note: no new enrolments will be accepted after 1 January 2011.

RELS 790 Religious Studies PhD

1.0000 EFTS

P: Subject to approval of the Programme Director for Religious Studies.

RELS790-13A (C) Starts Any time

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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses. Please note: no new enrolments will be accepted after 1 January 2011.*

Russian

School of Languages, Cultures and Linguistics

EULC 101 European Society in Film

15 Points 0.1250 EFTS

This course examines aspects of European culture through French, German and Russian films.

R: FREN 114, FREN 214, GRMN 112, GRMN 212, RUSS 104, RUSS 204

EQ: CINE 110

EULC101-13S1 (C) Semester 1

literary texts, films and testimonies from Germany, France, Russia and Eastern Europe.

P: Any 45 points

R: EULC 303, FREN 216, FREN 316, GRMN 245, GRMN 346, RUSS 221, RUSS 321

EULC 204 European Novels and Film Adaptations

15 Points 0.1250 EFTS

A study of important European novels and their film adaptations.

P: Any 45 points

R: CINE 214, EULC 304, RUSS 215, RUSS 216

EQ: CINE 214

EULC204-13S2 (C) Semester 2

RUSS 201 Russian 2

30 Points 0.2500 EFTS

A study of Russian language at the intermediate level, with the special emphasis on grammar, conversational and writing skills.

P: RUSS 101 or placement test.

RUSS201-13W (C) Whole Year (S1 and S2)

RUSS 202 Russian Language B

30 Points 0.2500 EFTS

Not offered in 2013

This course aims to advance students' language skills; its focus is on contemporary colloquial Russian. It enhances students' abilities to converse and write in Russian, improving their skills in translating and comprehension.

P: With the permission of the Programme Coordinator.

R: RUSS 201

RUSS 218 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. The course examines the causes of the Bolshevik Revolution and the greatest social experiment in the history of humankind that followed. It also explores 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.

R: HIST 274

EQ: HIST 274

RUSS218-13S1 (C) Semester 1

EULC 302 The European City

30 Points 0.2500 EFTS

This course explores the history, culture and present-day transformations of major cities in Europe such as London, Paris, Berlin, Moscow and St Petersburg.

P: Any 30 points at 200-level.

R: CULT 316, EULC 202, FREN 215, FREN 315, GRMN 235, GRMN 335, GRMN 345, RUSS 222, RUSS 322

EQ: CULT 316

EULC302-13S2 (C) Semester 2

EULC 303 Representing Evil: The Holocaust and its Legacy

30 Points 0.2500 EFTS

Not offered in 2013

This course examines anti-Semitism, the rise of Nazism in the 1920s and 1930s, and the "Final Solution" of Auschwitz, along with subsequent attempts to explain, represent and come to terms with this "collapse of civilization". It studies literary texts, films and testimonies from Germany, France, Russia and Eastern Europe.

P: Any 30 points at 200-level.

R: EULC 203, FREN 216, FREN 316, GRMN 245, GRMN 346, RUSS 221, RUSS 321

EULC 304 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.

R: EULC 204, RUSS 215, RUSS 216

EULC304-13S2 (C) Semester 2

RUSS 301 Russian 3

60 Points 0.5000 EFTS

A study of the language at the advanced level, with the emphasis on conversational, translation and writing skills. The course also includes a study of Russian language in Russian twentieth-century poetry and short fiction.

P: RUSS 201 or placement test.

RUSS301-13W (C) Whole Year (S1 and S2)

ARTS 395 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: Special application and interview, with permission of Internship Director.

RP: Students should attend UC Careers CV writing and Interview skills workshops prior to submitting internship application.

ARTS395-13S1 (C) Semester 1

ARTS395-13A (C) Starts Any time

ARTS395-13S2 (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 www.arts.canterbury.ac.nz/internship 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.

LANC 401 In Other Words What? Theory and Practice of Translation

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: Eligibility for the Honours programme in one of the six languages taught in the School.

R: FREN 417

LANC401-13S1 (C) Semester 1

LANC 402 Theories and Practices of E-Learning in Non-native Language Acquisition

0.2500 EFTS

The course aims at developing participants' awareness of e-learning theories and practices and approaches to non-native language teaching/learning and project design. Participants will be introduced to key concepts and theories in e-learning related to non-native language teaching and learning. Exemplars of e-learning tools and activities will be analysed in connection to theories of e-learning and relevant academic research. Participants will investigate, analyse and evaluate literature in e-learning and connected areas in relation to non-native language teaching and learning.

P: Non-native language at 300-level or equivalent

LANC402-13S1 (C) Semester 1

RUSS 401 Russian Literature

0.2500 EFTS

A survey of some aspects of Russian nineteenth-century thought through literary examples.

P: Subject to approval of the Programme Director.

R: EURO 414

EQ: EURO 414

RUSS401-13W (C) Whole Year (S1 and S2)

RUSS 405 Literary Topic

0.2500 EFTS

A study of film adaptations of some literary texts.

P: Subject to approval of the Programme Director.

RUSS405-13W (C) Whole Year (S1 and S2)

RUSS 406 Special Linguistic Study

0.2500 EFTS

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 Director.

R: EURO 411

EQ: EURO 411

RUSS406-13W (C) Whole Year (S1 and S2)

RUSS 409 Russian Language

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 Director.

RUSS409-13W (C) Whole Year (S1 and S2)

RUSS 410 Russian Theatre

0.2500 EFTS

P: Subject to approval of the Programme Director.

R: EURO 413

EQ: EURO 413

RUSS410-13W (C) Whole Year (S1 and S2)

RUSS 411 Study of a Russian Writer

0.2500 EFTS

The course studies a major Russian twentieth-century writer within the context of Russian, or East European tradition, or/and within the context of modernist, or postmodernist European writing.

P: Subject to approval of the Programme Director.

R: EURO 412

EQ: EURO 412

RUSS411-13W (C) Whole Year (S1 and S2)

RUSS 412 Nationalism and Ethnic Conflict in the Post-Soviet Space

0.2500 EFTS

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 Director.

R: DIPL 415, EURO 415

EQ: EURO 420, DIPL 415

RUSS412-13W (C) Whole Year (S1 and S2)

RUSS 480 Research Essay

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.

RUSS480-13W (C) Whole Year (S1 and S2)

RUSS 481 Special Topic: Study Abroad in Russia

0.2500 EFTS

Not offered in 2013

P: Subject to approval of the Programme Director.

RUSS 482 Special Topic: Study Abroad in Russia
0.2500 EFTS

Not offered in 2013

P: Subject to approval of the Programme Director.

RUSS 690 MA Thesis

1.0000 EFTS

P: Subject to approval of the Head of School.

RUSS690-13A (C) Starts Any time*Part-time enrolment (0.65 EFTS) is available on approval.***RUSS 790 Russian PhD**

1.0000 EFTS

P: Subject to approval of the Head of School.

RUSS790-13A (C) Starts Any time*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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Science and Entrepreneurship

College of Science Office

SCIE 301 Science and Entrepreneurship in New Zealand, Part 1

15 Points

0.1250 EFTS

This course is designed for students wanting to gain an understanding of the commercialisation of scientific ideas and devices. This course is suitable for undergraduates and graduates who wish to understand the entrepreneurial process. SCIE 301 will cover topics important for start-up businesses and new ventures, including intellectual property issues, basic accounting and business plans. You will learn how to improve your oral and written communication skills and how to network with entrepreneurs and innovators. Case studies will be used to explore these concepts by examining successful businesses. Access to a DVD player, computer and or ipod is essential for this course.

P: 105 points, including 44-45 points at 200-level.

SCIE301-1351 (C)**Semester 1****SCIE 302 Science and Entrepreneurship in New Zealand, Part II**

15 Points

0.1250 EFTS

This course is designed for students wanting to gain an understanding of the commercialisation of scientific ideas and devices. Building upon the skills taught in SCIE 301, SCIE 302 will cover topics such as: what is innovation and its link to commercial success, the importance of management and governance for start-up businesses. Through the course assignments students will have the opportunity to learn how to "sell" an idea to potential investors. Case studies will be used to compare and contrast solutions to common problems and longer-term outcomes in technology

start-ups. Access to a DVD player, computer and or ipod is essential for this course.

P: SCIE 301 or entry with the approval of the Dean of Science.

SCIE302-1352 (C)**Semester 2****SCIE 303 Internship**

15 Points

0.1250 EFTS

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.

SCIE303-12SU2 (C)**Summer (Nov 12)****SCIE303-13SU1 (C)****Summer (Jan 13)****SCIE303-13S1 (C)****Semester 1****SCIE303-13S2 (C)****Semester 2**

Science Education

School of Education Studies and Human Development

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.

SCED 790 Science Education PhD

1.0000 EFTS

Not offered in 2013

P: Subject to approval of the Head of Department.

*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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Science, Māori and Indigenous Knowledge

School of Biological Sciences

SCIM 101 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: MAOR 172

EQ: MAOR 172

SCIM101-13S2 (C) Semester 2

Sculpture

Centre for Fine Arts, Music and Theatre

SCUL 201 Sculpture

90 Points 0.7500 EFTS
Projects in selected media. Workshop practice. Materials and Process. Drawing. Full documentation of work and participation in group discussions and crits. required.

P: FIN1 103

SCUL201-13W (C) Whole Year (S1 and S2)

Limited entry. See limitation of entry regulations.

SCUL 301 Sculpture

90 Points 0.7500 EFTS
Development of individual theme. Drawing. Full documentation of work and participation in group discussions and crits. required.

P: (1) SCUL 201, (2) 30 points at 100-level in ARTH, and (3) 15 points at 200-level in ARTH.

SCUL301-13W (C) Whole Year (S1 and S2)

Limited entry. See limitation of entry regulations.

SCUL 401 Sculpture

90 Points 0.7500 EFTS
Development of individual theme. Drawing. Full documentation of work and participation in group discussion and crits. required.

P: SCUL 301

SCUL401-13W (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.

SCUL 501 Sculpture

0.7500 EFTS

P: (1) FBAS 301 or FBAS 402 or SCUL 401; (2) Subject to approval of the Head of Department.

SCUL501-13W (C) Whole Year (S1 and S2)

SCUL 550 Research Paper

0.2500 EFTS

P: (1) FBAS 301 or FBAS 402 or SCUL 401. (2) Subject to approval of the Head of Department.

SCUL550-13W (C) Whole Year (S1 and S2)

SCUL 601 Sculpture

1.0000 EFTS

P: Subject to approval of the Head of Department.

SCUL601-13A (C) Starts Any time

SCUL 602 Sculpture

0.5000 EFTS

P: Subject to approval of the Head of Department.

SCUL602-13W (C) Whole Year (S1 and S2)

Seafood Sector: Management and Science

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.

SEAF 401 The Seafood Sector: the management and science behind fisheries and aquaculture

0.2500 EFTS

Not offered in 2013

This interdisciplinary course will address major needs concerning the seafood sector. Students will gain knowledge and understanding of seafood and its management including the New Zealand Quota Management System, indigenous fisheries, global fisheries, fisheries economics, environmental issues including biosecurity and fisheries ecosystems, seafood products and their marketing. Perspectives on New Zealand's seafood sector will also be provided by leaders from the seafood sector.

P: Subject to the approval of the Coordinator, School of Biological Sciences.

Social Work

School of Social and Political Sciences

SOWK 101 Introduction to Social Welfare Policy and Human Services

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 first part of the course addresses basic organising concepts of welfare, using historical and contemporary case studies. In the second part, 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: HSRV 101

EQ: HSRV 101

SOWK101-1352 (C) Semester 2

SOWK 102 Human 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: HSRV 102

EQ: HSRV 102

SOWK102-1351 (C) Semester 1

SOWK 104 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.

SOWK104-1351 (C) Semester 1

SOWK 201 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: 60 points from HSRV 101, HSRV 102, HSRV 103, HSRV 104, SOWK 101, SOWK 102 and SOWK 104. Students without this prerequisite but with at least 60 points in appropriate courses may enter the course with the permission of the Programme Coordinator.

R: HSRV 201

EQ: HSRV 201

SOWK201-1351 (C) Semester 1

SOWK 202 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: 60 points from HSRV 101, HSRV 102, HSRV 103, HSRV 104, SOWK 101, SOWK 102 and SOWK 104. Students without this prerequisite but with at least 60 points in appropriate courses may enter the course with the permission of the Programme Coordinator.

R: HSRV 202

EQ: HSRV 202

SOWK202-1351 (C) Semester 1

SOWK 203 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: 60 points from HSRV 101, HSRV 102, HSRV 103, HSRV 104, SOWK 101, SOWK 102 and SOWK 104. Students without this prerequisite but with at least 60 points in appropriate courses may enter the course with the permission of the Programme Coordinator.

R: HSRV 203

EQ: HSRV 203

SOWK203-1352 (C) Semester 2

SOWK 301 Foundations of Social Work Practice

30 Points 0.2500 EFTS
This courses 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: 135 points from required SOWK and HSRV courses, and must meet the minimum requirements for Group B and Group C courses from the BSW degree. 90 points from Group B (elective courses). 15 points from Group C (optional courses).

C: SOWK 308. For students undertaking part-time study, SOWK 301, together with SOWK 308, must be completed in the last two years of study.

R: SOWK 514/614

SOWK301-13W (C) Whole Year (S1 and S2)

Limited entry. See limitation of entry regulations.

SOWK 303 Mental Health

15 Points 0.1250 EFTS

An examination of the conceptual framework of mental health, mental ill-health and mental illness, and an introduction to the major classifications of mental illness. An analysis of social work's contribution to the field, and study of tested interventions with patients and support systems in mental health settings. Taught by staff with health expertise and practice experience.

P: 135 points from required SOWK and HSRV courses, and must meet the minimum requirements for Group B and Group C courses from the BSW degree. 90 points from Group B (elective courses). 15 points from Group C (optional courses).

SOWK303-13S1 (C) Semester 1

SOWK 304 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: 135 points from required SOWK and HSRV courses, and must meet the minimum requirements for Group B and Group C courses from the BSW degree. 90 points from Group B (elective courses). 15 points from Group C (optional courses).

R: HSRV 304

SOWK304-13S1 (C) Semester 1

SOWK 308 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: 135 points from required SOWK and HSRV courses, and must meet the minimum requirements for Group B and Group C courses from the BSW degree. 90 points from Group B (elective courses). 15 points from Group C (optional courses).

C: SOWK 301. For students undertaking part time study, SOWK 301 together with SOWK 308, must be completed in

the last two years of study.

SOWK308-13S2 (C) Semester 2

Limited entry. See limitation of entry regulations.

SOWK 309 Social Work Practice and the Law

15 Points 0.1250 EFTS

This course will examine the role of law in our society and the importance of the law for social workers, social work agencies and social work clients. Specific areas of the law that are particularly relevant to social work practitioners will be covered. In addition, wider legal issues will be considered within the broad parameters of social justice and human rights. There will be a particular focus on the relevance of the Te Tiriti O Waitangi for the social work profession.

P: 135 points from required SOWK and HSRV courses, and must meet the minimum requirements for Group B and Group C courses from the BSW degree. 90 points from Group B (elective courses). 15 points from Group C (optional courses).

R: SOWK 517, SOWK 616

SOWK309-13S2 (C) Semester 2

SOWK 310 Research Methods in Social Work

15 Points 0.1250 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 the human services. The design of a research project is required as a major exercise.

P: 135 points from required SOWK and HSRV courses, and must meet the minimum requirements for Group B and Group C courses from the BSW degree. 90 points from Group B (elective courses). 15 points from Group C (optional courses).

R: HSRV 302; HSRV 305; SOWK 302; SOWK 305

SOWK310-13W (C) Whole Year (S1 and S2)

SOWK 401 Theories and Methods in Social Work

30 Points 0.2500 EFTS

Not offered in 2013

Available only to those students who commenced study towards the MA prior to 2002.

P: By approval of the Head of School.

SOWK 402 Contemporary Issues in Social Work

30 Points 0.2500 EFTS

Not offered in 2013

P: By approval of the Head of School.

SOWK 403 Social Service Administration

30 Points 0.2500 EFTS

Not offered in 2013

P: By approval of the Head of School.

SOWK 404 Clinical Social Work: Narrative Therapy

30 Points 0.2500 EFTS

Not offered in 2013

Narrative therapy has been argued by many social work and counselling practitioners to have been one of the most exciting developments in working with people facing problems. Drawing on the ideas and practices developed and advanced by Michael White, David Epston and others, this course covers the theoretical foundations of narrative therapy. Techniques and "maps" employed in narrative approaches to therapy are explored within the class and there are opportunities for students to develop confidence and skills in this approach to practice.

SOWK 406 Theories and Methods in Community Work

30 Points 0.2500 EFTS

Not offered in 2013

P: By approval of the Head of School.

SOWK 407 Social Welfare Research with the Elderly

30 Points 0.2500 EFTS

Not offered in 2013

P: By approval of the Head of School.

SOWK 408 Policy, Planning and Administration in Aged Care

30 Points 0.2500 EFTS

Not offered in 2013

P: By approval of the Head of School.

SOWK 409 The Future of Work

30 Points 0.2500 EFTS

Not offered in 2013

P: By approval of the Head of School.

SOWK 410 Special Topic

30 Points 0.2500 EFTS

Not offered in 2013

P: By approval of the Head of School.

SOWK 411 Special Topic

30 Points 0.2500 EFTS

Not offered in 2013

P: By approval of the Head of School.

SOWK 421 Principles and Practice

30 Points 0.2500 EFTS

P: By approval of the Head of School.

SOWK421-1351 (C) Semester 1**SOWK 422 Policy, Administration and the Law**

30 Points 0.2500 EFTS

Not offered in 2013

P: By approval of the Head of School.

SOWK 423 Research Methods in Social Work

30 Points 0.2500 EFTS

Not offered in 2013

P: By approval of the Head of School.

SOWK 424 Cross-Cultural Social Work

30 Points 0.2500 EFTS

Not offered in 2013

P: By approval of the Head of School.

SOWK 425 Special Topic

30 Points 0.2500 EFTS

Not offered in 2013

P: By approval of the Head of School.

SOWK 426 Independent Course of Study

30 Points 0.2500 EFTS

Not offered in 2013

P: By permission of the Programme Coordinator.

SOWK 451 Social Work Practice Integration

15 Points 0.1250 EFTS

An advanced course, integrating social work principles, methods, theory, and practice, using group-based learning.

P: 360 points, including SOWK 301 and SOWK 308

C: SOWK 471

R: SOWK 525

SOWK451-13W (C) Whole Year (S1 and S2)*Limited entry. See limitation of entry regulations.***SOWK 456 Research Project**

15 Points 0.1250 EFTS

This course reviews the fundamentals of social research, including: ethical considerations; sampling and measurement; data analysis and dissemination and distribution of research knowledge related to the human services. The execution of a group research project is required as the major course assessment.

P: 360 points including SOWK 301, SOWK 304, SOWK 308 and SOWK 310

R: SOWK 526; SOWK 670

SOWK456-13W (C) Whole Year (S1 and S2)**SOWK 471 Social Work 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, in accord with the New Zealand Association of Social Workers competency standards. Students enrolled in SOWK 471 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 (Inc.) as well as the New Zealand Social Workers Registration Board's Entitlement to registration: Fit and Proper Person Policy. Students enrolled in this course whose circumstances change in regard to character or suitability must inform their principal lecturer 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 School. Periodic small-group instruction by practice stream teachers. Accredited fieldwork teachers and individual students on placement are supported by designated course tutors.

P: 360 points including SOWK 301, SOWK 304, SOWK 308 and SOWK 310

C: SOWK 451

R: SOWK 571; SOWK 671

SOWK471-13S1 (C) Semester 1

Limited entry. See limitation of entry regulations.

SOWK 472 Social Work 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. Students enrolled in SOWK 471 must provide attestations as to character and suitability for continuing practice and agree to practise and be bound by the Code of Ethics of the New Zealand Association of Social Workers (Inc), as well as the New Zealand Social Workers Registration Board's Entitlement to registration: Fit and Proper Person Policy. Statement Students enrolled in this course whose circumstances change in regard to character or suitability must inform their principal lecturer 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 School. Periodic small-group instruction by practice stream teachers. Accredited fieldwork teachers and individual students on placement are supported by designated course tutors.

P: SOWK 308, SOWK 471

C: SOWK 451. For students undertaking part-time study, SOWK 451, together with SOWK 471, must be completed in the last two years of study.

SOWK472-13A (C) Starts Any time

SOWK472-13S2 (C) Semester 2

Limited entry. See limitation of entry regulations.

SOWK 480 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

SOWK480-13W (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.

SOWK 611 Human Behaviour and Mental Health

0.1250 EFTS

This course builds on students' foundation knowledge of human behaviour by initially reviewing major theories of human development. Mental health is studied by examining the conceptual frameworks then considering the notions of mental ill-health and mental illness, introducing the major classifications. The topic is explored within the context of a developmental ecological perspective. Teaching methods includes reflective group process and an independent learning project.

P: Subject to approval of the Head of School.

R: SOWK 303

SOWK611-13W (C) Whole Year (S1 and S2)

SOWK 612 Mana Motuhake, a Bicultural Analysis

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 School.

R: SOWK 512

SOWK612-13S1 (C) Semester 1

SOWK 614 Social Work Theory, Research & Practice

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 the approval of the Head of School.

C: SOWK 615. For students undertaking part-time study, SOWK 614, together with SOWK 615, must be completed in the last two years of study.

R: SOWK 514/301

SOWK614-13W (C) Whole Year (S1 and S2)

Limited entry. See limitation of entry regulations.

SOWK 615 Social Work Principles and Skills

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 School.

R: SOWK 308; SOWK 515

SOWK615-13S2 (C) Semester 2

Limited entry. See limitation of entry regulations.

SOWK 616 Welfare and the Law

0.1250 EFTS

This course will examine the role of law in our society and the importance of the law for social workers, social work agencies and social work clients. Specific areas of the law that are particularly relevant to social work practitioners will be covered. In addition, wider legal issues will be considered within the broad parameters of social justice and human rights. There will be a particular focus on the relevance of the Te Tiriti O Waitangi for the social work profession.

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

R: SOWK 309, SOWK 517

SOWK616-13S2 (C) Semester 2

SOWK 617 Qualitative Research and Programme Evaluation Strategies

0.1250 EFTS

This course introduces students to a range of qualitative research methods emphasising both conceptual appreciation and technical competence. Students are encouraged to think critically in terms of applicability for developing ethical evaluation models within diverse contexts/settings.

R: SOWK 621

EQ: HSRV 421

SOWK617-13W (C) Whole Year (S1 and S2)

SOWK 625 Social Policy Theory and Practice Integration

0.2500 EFTS

This is a two-part course. In part one, policy theory is considered and policy development examined. Particular emphasis is given to a thorough appreciation of key policy concepts and their application in an Aotearoa New Zealand setting. Alongside this, fieldwork practice experiences are critically examined in practice labs, reinforcing the importance of the theory/practice interface and highlighting a practice awareness of diverse client populations. Part two of the course advances this theory/practice mode of learning. Using a policy orientation, particular emphasis is given to the interrelationship of power dynamics, policy development and implementation, as well as exploring strategies for effecting change. Teaching emphasises reflective and reflexive learning strategies as internship

experiences are contemplated and considered in relation to internship experience in an iterative fashion.

P: Subject to approval of the Head of School.

C: SOWK 571

R: SOWK 451

SOWK625-13W (C) Whole Year (S1 and S2)

Limited entry. See limitation of entry regulations.

SOWK 626 Supervision and Management

0.2000 EFTS

Not offered in 2013

This course will be taught in two parts. Semester 1 will focus on the theory and practice of supervision. The components of reflective supervision will be examined, from the perspectives of both the giver and the receiver. Semester 2 will focus on management within the social service environment. The construction of the role of manager within the contemporary social service environment will be explored, and the principles and processes of managing diversity and changes will be examined.

P: Subject to approval of the Head of School.

SOWK 627 Social Policy and the Law

0.2000 EFTS

Not offered in 2013

In two parts, this course first examines policy theory and process within an Aotearoa New Zealand setting. Particular emphasis is given to the interrelationship of power dynamics, policy development and implementation, and strategies explored for effecting change. The second part of the course introduces legal principles and processes, including laws related to welfare practice.

P: Subject to approval of the Head of School.

SOWK 628 Practice in the Statutory Context

0.2000 EFTS

Not offered in 2013

The course provides an overview of social work across the main areas of statutory practice. In particular, work within child welfare and criminal justice will be explored, and the social work role in these contexts critically examined.

P: Subject to approval of the Head of School.

SOWK 629 Violence in New Zealand Society

0.2000 EFTS

This course will explore violence in New Zealand, considering issues of prevalence, cost, and impact. Services that respond to violence will be examined, and some of the legal frameworks that respond to aspects of violence will be explored.

P: Subject to approval of the Head of School.

SOWK629-13S1 (E) Semester 1

SOWK 630 Health and Wellbeing

0.2000 EFTS

Not offered in 2013

During this course, students focus on aspects of health theory, practice and policy, and explore contemporary

debates in the health field. Topics will depend on the availability and interests of current staff and visiting academics.

P: Subject to approval of the Head of School.

SOWK 631 Working with Diversity 0.2000 EFTS

Not offered in 2013

This course examines structural inequalities such as poverty, sexism, and racism, and considers these within the context of responses that have been identified as radical, empowering, anti-oppressive and emancipatory. In particular, it considers the role of professions in critically reflecting on structural inequality and developing informed responses.

P: Subject to approval of the Head of School.

SOWK 632 Mental Health 0.2000 EFTS

Not offered in 2013

P: Subject to approval of the Head of School.

SOWK 633 Clinical Social Work: Narrative Therapy 0.2000 EFTS

Not offered in 2013

P: Subject to approval of the Head of School.

SOWK 634 Research Project 0.2000 EFTS

P: Subject to approval of the Head of School.

SOWK634-13W (C) Whole Year (S1 and S2)

SOWK 635 Independent Course of Study 0.1250 EFTS

P: With the permission of the Programme Coordinator.

SOWK635-13W (C) Whole Year (S1 and S2)

SOWK 636 Independent Course of Study 0.1250 EFTS

P: With the permission of the Programme Coordinator.

SOWK636-13W (C) Whole Year (S1 and S2)

SOWK 637 Independent Course of Study 0.1250 EFTS

P: With the permission of the Programme Coordinator.

SOWK637-13W (C) Whole Year (S1 and S2)

SOWK 638 Independent Course of Study 0.2500 EFTS

P: With the permission of the Programme Coordinator.

SOWK638-13W (C) Whole Year (S1 and S2)

SOWK 639 Independent Course of Study 0.2500 EFTS

P: With the permission of the Programme Coordinator.

SOWK639-13W (C) Whole Year (S1 and S2)

SOWK 651 Qualitative Human Science Research and Evaluative Strategies

0.2000 EFTS

Not offered in 2013

Using a service/programme evaluation framework, this course introduces a range of qualitative research methods emphasising both conceptual appreciation, and technical competence. Students will learn about programme evaluation, and the use of qualitative methods within this context.

P: Subject to approval of the Head of School.

SOWK 655 Culture, Theory and Methods in Advanced Practice 0.2000 EFTS

Not offered in 2013

This course provides an overview of practice theory at an advanced level, reinforcing the importance of the theory/practice interface and highlighting a practice awareness of differing client populations. Reflective and reflexive learning strategies are incorporated within the context of theoretically informed practice.

P: Subject to approval of the Head of School.

Limited entry. See limitation of entry regulations.

SOWK 657 Social Policy and the Law 0.2000 EFTS

In two parts, this course first examines policy theory and process within an Aotearoa New Zealand setting. Particular emphasis is given to the interrelationship of power dynamics, policy development and implementation, and strategies explored for effecting change. The second part of the course introduces legal principles and processes, including laws related to welfare practice.

P: Subject to approval of the Head of School.

SOWK657-13W (C) Whole Year (S1 and S2)

SOWK 659 Violence in New Zealand Society 0.2000 EFTS

Not offered in 2013

This course will explore violence in New Zealand, considering issues of prevalence, cost, and impact. Services that respond to violence will be examined, and some of the legal frameworks that respond to aspects of violence will be explored.

P: Subject to approval of the Head of School.

SOWK 664 Research Project 0.2000 EFTS

Not offered in 2013

P: Subject to approval of the Head of School.

SOWK 670 Research Project 0.1250 EFTS

This course reviews the fundamentals of social research, including: ethical considerations; sampling and measurement; data analysis and dissemination and distribution of research knowledge related to the human

services. The execution of a group research project is required as the major course assessment.

P: SOWK 617

R: SOWK 526; SOWK 456

SOWK670-13W (C) **Whole Year (S1 and S2)**

SOWK 671 Fieldwork Practicum 1

0.3750 EFTS

Placements are supplemented with a series of day-long theory workshops addressing the application in practice of specific theoretical models.

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

C: SOWK 525

R: SOWK 471/571

SOWK671-13A (C) **Starts Any time**

SOWK671-13S1 (C) **Semester 1**

Limited entry. See limitation of entry regulations.

SOWK 672 Fieldwork Practicum II

0.3750 EFTS

Placements are supplemented with a series of day-long theory workshops addressing the application in practice of specific theoretical models.

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

C: SOWK 625

R: SOWK 472/572

SOWK672-13A (C) **Starts Any time**

SOWK672-13S2 (C) **Semester 2**

Limited entry. See limitation of entry regulations.

SOWK 675 Social Work Theory and Practice Integration

0.2000 EFTS

Not offered in 2013

An advanced course integrating social work principles, methods, theory, and practice, using group-based learning. Practice experiences from fieldwork placements are considered for reflexive analysis using a dialectical mode of learning.

P: Subject to approval of the Head of School.

C: SOWK 681

SOWK 681 Fieldwork Internship 1

0.2000 EFTS

P: SOWK 615

C: SOWK 625

SOWK681-13A (C) **Starts Any time**

SOWK681-13S1 (C) **Semester 1**

Limited entry. See limitation of entry regulations.

SOWK 682 Fieldwork Internship 2

0.2000 EFTS

P: SOWK 615, SOWK 671

C: SOWK 625

SOWK682-13A (C) **Starts Any time**

SOWK682-13S2 (C) **Semester 2**

Limited entry. See limitation of entry regulations.

SOWK 690 MA Thesis

1.0000 EFTS

Available only to those students who commenced study towards the MA prior to 2002.

P: Subject to approval of the Head of School.

SOWK690-13A (C) **Starts Any time**

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

SOWK 695 Social Work MSW Thesis

1.0000 EFTS

P: Subject to approval of the Head of School.

SOWK695-13A (C) **Starts Any time**

SOWK 790 Social Work PhD

1.0000 EFTS

P: Subject to approval of the Head of School.

SOWK790-13A (C) **Starts Any time**

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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Sociology

School of Social and Political Sciences

SOCI 111 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.

SOCI111-13S1 (C)

Semester 1

SOCI 112 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.

SOCI112-13S2 (C)

Semester 2

SOCI 115 Sexualities, Gender and Popular Culture

15 Points

0.1250 EFTS

Not offered in 2013

This course provides an introduction to critical perspectives on gender issues in topics such as the media and popular culture and sexuality.

R: GEND 101

EQ: GEND 101

SOCI 201 Social Theory for Contemporary Life

15 Points

0.1250 EFTS

This course will engage 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. Course themes pose questions about: What is action? How is society possible? What determines social change, the relationship between the individual and society, the nature of power, the place of subjectivity and the body and how does knowledge and language operate? Students will be introduced to a selection of theoretical perspectives in an approachable manner that includes Marx and Durkheim, interpretative and poststructuralist, feminist and actor-network theories of the contemporary social world.

P: 15 points of 100-level SOCI with B grade or better; or 30 points of 100-level SOCI; alternatively students without 100-level SOCI but with a B average or better in 60 points in related subjects may be admitted to one 200-level SOCI course.

R: SOCI 301

SOCI201-1351 (C) Semester 1

SOCI 202 Constructing Bodies

15 Points 0.1250 EFTS

This course examines a variety of body modification and management practices, such as cosmetic surgery, sexual enhancement technologies and body piercing, and considers the ways in which particular forms of embodiment challenge common understandings about bodies, gender and sexuality.

P: 15 points of 100 SOCI with B grade or better; or 30 points in SOCI at 100-level; alternatively students without SOCI at 100-level but with a B average in 60 points in related subjects may be admitted to one 200-level SOCI course; or GEND 101.

R: GEND 102, FMST 102, GEND 112, AMST 113, CULT 112,

AMST 142, GEND 201

RP: SOCI 115

EQ: GEND 201

SOCI202-1352 (C) Semester 2

SOCI 209 Te Tiriti: The Treaty of Waitangi

15 Points 0.1250 EFTS

A multi-disciplinary approach to the Treaty including: origins of British policy, did the Treaty cede sovereignty in 1840, alienation of land, marginalisation of Māori society, radical protest, Waitangi Tribunal, Office of Treaty Settlements; UN policy on the settlement of indigenous claims, comparative histories in Africa, Australia, Canada and the United States; Sealords, Tainui, Ngai Tahu and other settlements; Principles of the Treaty in education, health, television and public policy; current issues, foreshore and seabed, resources, airwaves, waterways, Māori seats, race relations, one law for all.

P: Any 15 points in 100-level course in Aotahi: School of Māori and Indigenous Studies or or 30 points in 100-level courses in Arts, Education, Fine Arts, Music and Social Work, or by permission of the Head of School.

R: HIST 268, MAOR 219, POLS 218, POLS 258, HSRV 207

EQ: HIST 268, MAOR 219, POLS 258, HSRV 207

SOCI209-1351 (C) Semester 1

SOCI 212 Family and Kinship 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: 15 points of 100 SOCI with B grade or better; or 30 points in SOCI at 100-level; alternatively students without SOCI at 100-level but with a B average in 60 points in related subjects may be admitted to one 200-level SOCI course.

R: ANTH 312, ANTH 212, GEND 218, GEND 318 and SOCI 312

EQ: ANTH 212, GEND 218

SOCI212-1351 (C) Semester 1

SOCI 218 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: 15 points of 100 SOCI with B grade or better; or 30 points in SOCI at 100-level; alternatively students without SOCI at 100-level but with a B average in 60 points in related subjects may be admitted to one 200-level SOCI course; or LAWS 101.

R: SOCI 318

SOCI218-1351 (C) Semester 1

SOCI 219 Sociology of Work: Networks, Knowledge and Identities

15 Points 0.1250 EFTS

This course focuses on the organisation and experience of contemporary worlds of work. It uses documentary film and other forms of visual documentation to raise questions relating to the personal consequences of work in the 'new capitalism'. Has work lost its privileged position as the key focus of identity? Has the restructuring of employment eliminated the 'long term' career in favour of insecurity in the form of short-term, contract and episodic labour? What role do networks and skills play in the organisation of mobile but precarious careers and how are claims to professionalism made today? Areas covered include: the rise of itinerant professionalism; occupational communities; art / fashion worlds; the moral worlds of management and flexible contracting; and 'free' labour and emotional labour.

P: 15 points of 100-level SOCI with B grade or better; or 30 points of SOCI at 100-level; alternatively students without SOCI at 100-level but with a B average in 60 points in related subjects may be admitted to one 200-level SOCI course.

R: SOCI 319

SOCI219-1351 (C) Semester 1

SOCI 220 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: 15 points of 100-level SOCI with a B+ grade or better; or 30 points of 100-level SOCI; or 30 points of 100-level FRST with B grade or better; alternatively students without 100-level SOCI but with a B average or better in 60 pts in related subjects may be admitted to one 200-level SOCI course.

R: SOCI 230 (2005), SOCI 320, SOCI 330 (2005)

SOCI220-125U2 (C) Summer (Nov 12)

SOCI 223 Ethnicity and History

15 Points 0.1250 EFTS

This course provides a critical introduction to the historical and anthropological study of ethnicity, race and migration, with a particular emphasis on New Zealand.

P: 15 points of SOCI at 100-level with B grade or better; or 30 points in SOCI at 100-level; alternatively students without SOCI at 100-level but with a B average in 60 points in related subjects may be admitted to one 200-level SOCI course.

R: ANTH 223, HIST 283, MAOR 230, PACS 204, SOCI 323

EQ: ANTH 223, HIST 283, MAOR 230, PACS 204

SOCI223-1352 (C) Semester 2

SOCI 234 Sociology of Sport: Performances, Markets and Identities

15 Points 0.1250 EFTS

Not offered in 2013

This course explores how sports products and practices are produced, organised, regulated, experienced and interpreted. It examines and compares case studies on sports events, sports leagues, media sports, sports bodies and identities drawn from sports in New Zealand and from around the world including rugby union and league, netball, cricket, soccer, tennis, baseball, snowboarding, skateboarding, bodybuilding, extreme sports.

P: 15 points of 100-level SOCI with B grade or better; or 30 points of 100-level SOCI; alternatively students without 100-level SOCI but with a B average or better in 60 points in related subjects may be admitted to one 200-level SOCI course.

R: SOCI 254, SOCI 334, SOCI 354

SOCI 238 Exploring the Past

15 Points 0.1250 EFTS

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

P: 15 points of SOCI at 100-level with B grade or better; or 30 points in SOCI at 100-level; or 30 points in HIST with B grade or better; alternatively students without SOCI at 100-level but with a B average in 60 points in related subjects may be admitted to one 200-level SOCI course.

R: ANTH 238, HIST 288, SOCI 338

EQ: ANTH 238, HIST 288

SOCI238-1351 (C) Semester 1

SOCI 243 Sociology of Health and Medicine

15 Points 0.1250 EFTS

This course explores sociological ways of thinking about health and medicine. Topics include the social patterning of health and illness, the clinical encounter, disabilities, Māori or Pacifica understandings of health, the social construction of 'alternative' medicine, compulsory treatment of mental patients, and the changing organisation of healthcare.

P: 15 points of 100-level SOCI or HLTH 101 with a B grade or better; or 30 points of 100-level SOCI; Or 30 points HLTH at 100-level; alternatively students without SOCI or HLTH at 100-level but with a B average or better in 60 points in related subjects may be admitted to one 200-level SOCI course.

R: SOCI 343

SOCI243-1351 (C) Semester 1

SOCI 244 On Death and Dying: Current Controversies in Thanatology

15 Points 0.1250 EFTS

Not offered in 2013

'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: 15 points of 100-level SOCI with B grade or better; or 30 points of 100-level SOCI; alternatively students without 100-level SOCI but with a B average or better in 60 points in related subjects may be admitted to one 200-level SOCI course.

R: SOCI 344

SOCI 261 Social Movements

15 Points 0.1250 EFTS

Not offered in 2013

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: 15 points of 100-level SOCI with B+ grade or better; or 30 points of 100-level SOCI; alternatively students without 100-level SOCI but with a B average or better in 60 points in related subjects may be admitted to one 200-level SOCI course.

R: GEND 227, GEND 327, SOCI 361

EQ: GEND 227

SOCI 262 Food and Eating

15 Points 0.1250 EFTS

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: Either 15 points of SOCI at 100-level with B grade or better; or 30 points of SOCI at 100-level; alternatively students without SOCI at 100-level but with a B average in 60 points in related subjects may be admitted to one 200-level SOCI course.

R: ANTH 208, ANTH 308, SOCI 362

EQ: ANTH 208

SOCI262-1352 (C) Semester 2**SOCI 290 Special Topic: Sociology of Everyday life**

15 Points 0.1250 EFTS

This course introduces students to a range of issues associated with the sociology of everyday life. 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 life will also be examined as a nexus for our engagement with contemporary issues ranging from environmental awareness to social justice.

P: 15 points of SOCI 100-level with a B grade or better; or 30 points of SOCI at 100-level; alternatively students without 100-level SOCI but with a B average or better in 60 points in related subjects may be admitted to one 200-level SOCI course.

R: SOCI 278, SOCI 378

SOCI290-1352 (C) Semester 2**SOCI 291 Special Topic: 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. Topics include the mobile city; mapping the 'authentic' city; the sentient city; the invisible city; the global city; cities as entertainment machines; nature and the city; deterritorialization and the futures of urban public space. Christchurch, as both colonial site of a neo-gothic garden city and re-imagined postcolonial site of disaster, risk and vitality, circulates throughout the course.

P: 15 points of 100-level SOCI with B grade or better; or 30 points of 100-level SOCI; alternatively students without 100-level SOCI but with a B average or better in 60 points in related subjects may be admitted to one 200-level SOCI course.

SOCI291-1352 (C) Semester 2**SOCI 292 Special Topic: Sociology of Religion**

15 Points 0.1250 EFTS

This course is an introduction to the Sociology of Religion focused on thinking and rethinking religion and society. The course provides a critical discussion of the ways religion

and religious practices have been thought, dismissed and applied over the past 150 years within the Sociology of Religion.

P: 15 points of 100-level SOCI with B grade or better; or 30 points of 100-level SOCI; alternatively students without 100-level SOCI but with a B average or better in 60 points in related subjects may be admitted.

SOCI292-1352 (C) Semester 2**SOCI 340 Life Stories and Social Analysis**

30 Points 0.2500 EFTS

Not offered in 2013

Please see SOCI 390 as a replacement course for SOCI 340 in 2013.

P: 45 points of SOCI at 200-level, or alternatively 30 points of SOCI with a B average or better; OR 60 points at 200-level of SOCI and HLTH courses combined. Alternatively students with at least a B average in 200-level courses in related subjects may be admitted to one 300-level course.

R: SOCI 312 (prior to 1993)

SOCI 341 Survey Methods for the Social Sciences

30 Points 0.2500 EFTS

Not offered in 2013

Please see SOCI 390 as a replacement course for SOCI 341 in 2013.

P: 45 points of SOCI at 200-level, or alternatively 30 points of SOCI with a B average or better; or 60 points at 200-level of SOCI and HLTH courses combined. Alternatively students with at least a B average in 200-level courses in related subjects may be admitted to one 300-level course.

R: SOCI 312 (prior to 1993), SOCI 351 (prior to 2006)

SOCI 344 On Death and Dying: Current Controversies in thanatology

30 Points 0.2500 EFTS

Not offered in 2013

'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: 45 points of 200-level SOCI or 30 points of 200-level SOCI with a B average or better; alternatively students with at least a B average in 60 points in 200-level courses in related subjects may be admitted to one 300-level SOCI course.

R: SOCI 244

SOCI 347 Health, Technologies and Embodiment

30 Points 0.2500 EFTS

This course aims to help students understand some of the linkages between health politics and practices, the experience of embodiment and new technologies and various forms of knowledge production. A critical approach is taken to topics such as the politics of obesity and self-management in health, e-health and the health consumer, and social movements in health.

P: 45 points of SOCI at 200-level or 30 points of SOCI with a B average or better; or 60 points in 200-level of SOCI and HLTH courses in related subjects may be admitted to one 300-level SOCI course.

R: SOCI 247, SOCI 236, SOCI 336, GEND 214, GEND 310

SOCI347-1352 (C) Semester 2**SOCI 358 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: 45 points of SOCI at 200-level or 30 points of SOCI at 200-level with a B average or better; alternatively students with at least a B average in 60 points in 200-level courses in related subjects may be admitted to one 300-level SOCI course.

SOCI358-1351 (C) Semester 1**SOCI 361 Social Movements**

30 Points 0.2500 EFTS

Not offered in 2013

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: 45 points of SOCI at 200-level or 30 points of SOCI at 200-level with a B average or better; alternatively students with at least a B average in 60 points in 200-level courses in related subjects may be admitted to one 300-level SOCI course.

R: GEND 227, GEND 327, SOCI 261

SOCI 364 Mediasport

30 Points 0.2500 EFTS

Not offered in 2013

This course introduces students to the critical examination of the fast changing relationship between sport and media. Through examination of case studies including the internet and fan culture, sport fitness marketing, and the political economy of the sports media, the course introduces students to the role of media technologies in the facilitation and transformation of sports cultures and identities.

P: 45 points of SOCI at 200-level or 30 points of SOCI at 200-level with a B average or better; alternatively students with at least a B average in 60 points in 200-level courses in

related subjects may be admitted to one 300-level SOCI course.

R: SOCI 264

SOCI 368 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: 45 points of SOCI at 200-level or 30 points of SOCI at 200-level with a B average or better; alternatively students with at least a B average in 60 points in 200-level courses in related subjects may be admitted to one 300-level SOCI course.

R: SOCI 268, SOCI 348 (prior to 2006), HSRV 205.

SOCI368-1351 (C) Semester 1**SOCI 378 Special Topic**

30 Points 0.2500 EFTS

Not offered in 2013

P: 45 points of SOCI at 200-level; or 30 points of SOCI at 200-level with a B average; alternatively students with at least a B average in 60 points in 200-level courses in related subjects may be admitted to one 300-level SOCI course.
RP: Any 100-level sociology course.

SOCI 390 Special Topic Investigating Social Worlds

30 Points 0.2500 EFTS

This course introduces students to a range of methods of sociological inquiry. These include both quantitative and qualitative research methods such as surveys, one to one and focus group interviews, and life stories. The course offers students the opportunity to gain skills as social researchers. These include experience in research ethics, interviewing, analysis and survey design. By the end of the course students will have an understanding of the theoretical, practical and ethical considerations in social research. It is strongly recommended that students majoring in sociology take this course. It takes the place of SOCI 340 and SOCI 341 in previous sociology schedule.

P: 45 points of 200-level SOCI or 30 points of 200-level SOCI with a B average or better; alternatively students with at least a B average in 60 points in 200-level courses in related subjects may be admitted to a 300-level SOCI course.

R: SOCI 340, SOCI 341

RP: SOCI 201/ 301

SOCI390-1352 (C) Semester 2**SOCI 391 Special topic Contested Heritage-Politics, Power and Practice**

30 Points 0.2500 EFTS

Not offered in 2013

This course is an introduction to the city. The course will cover old cities, industrial cities, modern cities, ultra modern cities and redevelopment of damaged cities as well as the cause/effect of significant events in society that bring about

changes within cities. A sociological look at the many facets of urban living and the means to interpret modern urban society.

P: 45 points of 200-level SOCI or 30 points of 200-level SOCI with a B average or better; alternatively students with at least a B average in 60 points in 200-level courses in related subjects may be admitted to a 300-level SOCI course.

R: SOCI 291

RP: One or more of SOCI 201/301 (Sociological Imaginations) ANTH/SOCI 238/HIST 288 (Exploring the Past); ANTH/SOCI 223/HIST 288/MAOR 230 (Ethnicity); SOCI 209 (Te Tiriti: The Treaty of Waitangi).

SOCI 392 Special topic: 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. Topics include the mobile city; mapping the 'authentic' city; the sentient city; the invisible city; the global city; cities as entertainment machines; nature and the city; deterritorialization and the futures of urban public space. Christchurch, as both colonial site of a neo-gothic garden city and re-imagined postcolonial site of disaster, risk and vitality, circulates throughout the course.

P: 45 points of 200-level SOCI or 30 points of 200-level SOCI with a B average or better; alternatively students with at least a B average in 60 points in 200-level courses in related subjects may be admitted to one 300-level SOCI course.

R: SOCI 291

SOCI392-1352 (C) Semester 2

ARTS 395 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: Special application and interview, with permission of Internship Director.

RP: Students should attend UC Careers CV writing and interview skills workshops prior to submitting internship application.

ARTS395-1351 (C) Semester 1

ARTS395-13A (C) Starts Any time

ARTS395-1352 (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 www.arts.canterbury.ac.nz/internship 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.

SOCI 401 People and Things 0.2500 EFTS

This course focuses on recent theoretical developments relating to the analysis of networks and the use of narratives.

P: Subject to approval of the Head of School.

R: ANTH 407

EQ: ANTH 407

SOCI401-1351 (C) Semester 1

SOCI 402 Methods and Strategies in Research 0.2500 EFTS

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 School.

SOCI402-1351 (C) Semester 1

SOCI 403 Sociology of Gender 0.2500 EFTS

Not offered in 2013
This course explores the complexities of contemporary experiences of gender and sexuality through a focus on life stories and the place of personal narrative in sociological research.

P: Subject to approval of the Head of School.

R: CULT 407, GEND 403

EQ: CULT 407, GEND 403

SOCI 405 Special Topic: Presenting Sports 0.2500 EFTS

Not offered in 2013
This course focuses on the presentation of sport events on television with a particular focus on sport commentating/announcing.

P: With approval of the Programme Coordinator.

R: COMS 421

EQ: COMS 421

SOCI 411 Social Policy 0.2500 EFTS

Not offered in 2013
The main focus of this course is the transformation of the welfare state, both in New Zealand and internationally, in recent years. Key theoretical issues associated with this, including rights, citizenship, equality and difference, and the politics of need are explored.

P: Subject to approval of the Head of School.

SOCI 413 Topics in Ethnicity

0.2500 EFTS

Not offered in 2013

This course will explore the fundamentally different inequalities associated with race, ethnicity and indigeneity in the white settler dominions of Aotearoa, Canada, Australia and the United States.

P: Subject to approval of the Head of School.

R: HSRV 413

EQ: HSRV 413

SOCI 422 Social Control

0.2500 EFTS

This course examines the dynamics of social control and punishment, at both theoretical and practical levels.

P: Subject to approval of the Head of School.

SOCI422-13S2 (C) Semester 2**SOCI 425 Sociology of Sport**

0.2500 EFTS

Not offered in 2013

This course will explore contemporary explanations of sport and leisure.

P: Subject to approval of the Head of School.

SOCI 450 Special Topic: The Return of Religion? Issues of Post-Secular Society

0.2500 EFTS

This course is a critical discussion and analysis of contemporary issues in sociology and social theory arising from claims of the return of religion in postmodern society.

P: By permission of the Programme Coordinator.

SOCI450-13S2 (C) Semester 2**SOCI 470 Supervised Research**

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 School.

SOCI470-13S2 (C) Semester 2**SOCI 471 Supervised Research**

0.2500 EFTS

This course is intended to allow students to explore a reading topic of their choice under the supervision of an appropriate staff member.

P: Subject to approval of the Head of School.

SOCI471-13S1 (C) Semester 1**SOCI 690 MA Thesis**

1.0000 EFTS

P: Subject to approval of the Head of Department.

SOCI690-13A (C) Starts Any time*Part-time enrolment (0.65 EFTS) is available on approval.***SOCI 790 Sociology PhD**

1.0000 EFTS

P: Subject to approval of the Head of Department.

SOCI790-13A (C) Starts Any time*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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.

Soil Science*School of Forestry***SOIL 203 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, or by approval Chair Forestry Board of Studies.

R: SOIL 201

SOIL203-13S2 (C) Semester 2*Limited entry. See limitation of entry regulations.***Software Engineering***Department of Computer Science and Software Engineering***SENG 201 Software Engineering I**

15 Points

0.1250 EFTS

This course will provide students with an understanding of An introduction to the tools and techniques of software engineering. Topics covered include statically typed programming, object-oriented design, the Unified Modelling Language, collections, and test-driven development.

P: (1) COSC 121; (2) COSC 122; (3) 15 points from Mathematics, Statistics, Engineering Mathematics or MSC1 110. MATH 101 is not acceptable. MATH 120/STAT 101 are strongly recommended.

R: COSC 263, COSC 324

SENG201-13S1 (C) Semester 1**SENG 202 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: SENG 201; or subject to approval by Dean of Engineering and Forestry.

SENG202-13S2 (C) Semester 2

SENG 301 Software Engineering II
15 Points 0.1250 EFTS

P: COSC 263 and (COSC 261 or (ACIS /INFO 203 and ACIS/ INFO 213)).

R: COSC 324, COSC 314

RP: From 2011 onwards: COSC 110, ENCE 260. Before 2011:

COSC 208

SENG301-13S1 (C) Semester 1

SENG 302 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 small groups (typically six students) 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: COSC 263 and (COSC 261 or (ACIS /INFO 203 and ACIS/ INFO 213)).

R: COSC 325, COSC 314

RP: From 2011 onward: COSC 110, SENG 301, ENCE 260, COSC 368, COSC 265. Before 2011: COSC 208, COSC 225, COSC 226, COSC 324.

SENG302-13W (C) Whole Year (S1 and S2)

SENG 365 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: COSC 265 or (INFO 203 and INFO/ACIS 233).

R: COSC 365

RP: From 2011 onwards: COSC 261, SENG 301. Before 2011:

COSC 222, COSC 324, COSC 326

SENG365-13S2 (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.

SENG 402 Software Engineering Research Project
0.2500 EFTS

Not offered in 2013

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 to investigate and develop solutions for a complex real-world problem. At the end of this course you will have practiced the skills required to be a senior Software Engineer, capable of leading a team of engineers 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: SENG 301, SENG 302

South Asia Studies

School of Social and Political Sciences

SAST 101 Destination India - An Introductory Journey

15 Points 0.1250 EFTS

Not offered in 2013

The course will develop an understanding of the South Asian civilisation, in particular India, aspects of its various cultures, its history and social structures, and of India and South Asia as emergent global players.

SAST 201 India: Harappa to Taj Mahal
15 Points 0.1250 EFTS

Not offered in 2013

A social, cultural and political History of India from pre-history to the decline of the Mughal empire.

P: 15 points of SAST at 100-level. Students with at least a B average in 15 points of appropriate courses may be admitted with the approval of the SAST Programme Coordinator.

R: HIST 249, HIST 232, HIST 240, HIST 241

EQ: HIST 249

SAST 202 Social and Cultural History of India
15 Points 0.1250 EFTS

Not offered in 2013

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 networks throughout Indian history. The course investigates religion,

gender and the state of contexts for regulation of and resistance to cultural and political authority at different times in Indian history.

P: Either 15 points in SAST at B grade or better or 30 points in SAST with a passing grade. Alternatively, a B average in 60 points in appropriate courses with the approval of the SAST Programme Coordinator.

R: HIST 279, HIST 367, HIST 441, SAST 302

EQ: HIST 279

SAST 203 Life and Times of Mahatma Gandhi 15 Points 0.1250 EFTS

Not offered in 2013

This course examines the life and teachings of Gandhi. The time scale takes us from the colonial Indian world, into which Gandhi was born in 1869, to Victorian London where Gandhi studied law and began his first "experiments with truth". We move with Gandhi to South Africa where he developed the idea of passive resistance into his own ideology satyagraha (truth force), and back to India where he was proclaimed the Mahatma (great soul) and recognised as the moral and tactical leader of the Indian independence movement. The course ends with Gandhi's assassination in 1948 and an evaluation of his place in history.

P: 15 points of SAST at 100-level. Students with at least a B average in 15 points of appropriate courses may be admitted with the approval of the SAST Programme Coordinator

R: HIST 260, HIST 383, SAST 303

EQ: HIST 260

SAST 204 World Music 2 - Himalayas 15 Points 0.1250 EFTS

Not offered in 2013

Music from the Himalayan region - Tibet, Nepal, Sikkim, Bhutan, Kashmir and Ladakh in a global context. Developing an understanding of the formal and stylistic characteristics of the music and instruments and the circumstances, environments and ideals that have shaped them.

P: 15 points of SAST at 100-level. Students with at least a B average in 15 points of appropriate courses may be admitted with the approval of the SAST Programme Coordinator

R: MUSI 252, MUSI 352, MUSI 310 (1995), SAST 304

EQ: MUSI 252

SAST 302 Social and Cultural History of India 30 Points 0.2500 EFTS

Not offered in 2013

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 networks 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: Either 30 points in SAST at 200-level or 15 points in SAST at 100-level plus 15 points in SAST at 200-level. Students without these prerequisites but with 60 points in

appropriate courses may enter the course with the approval of the Programme Coordinator.

R: HIST 279, HIST 367, HIST 441, SAST 202

SAST 304 World Music 2 - Himalayas 30 Points 0.2500 EFTS

Not offered in 2013

Music from the Himalayan region - Tibet, Nepal, Sikkim, Bhutan, Kashmir and Ladakh in a global context. Developing an understanding of the formal and stylistic characteristics of the music and instruments and the circumstances, environments and ideals that have shaped them.

P: Either 30 points in SAST at 200-level or 30 points in SAST at 100-level plus 15 points in SAST at 200-level. Students without these prerequisites but with 60 points in appropriate courses may enter the course with the approval of the Programme Coordinator.

R: MUSI 252, MUSI 352, MUSI 210 (1995), SAST 204

EQ: MUSI 352

Spanish

School of Languages, Cultures and Linguistics

EULC 101 European Society in Film 15 Points 0.1250 EFTS

This course examines aspects of European culture through French, German and Russian films.

R: FREN 114, FREN 214, GRMN 112, GRMN 212, RUSS 104, RUSS 204

EQ: CINE 110

EULC101-13S1 (C) Semester 1

SPAN 101 Beginners' Spanish A 15 Points 0.1250 EFTS

An introductory language course for students with no previous knowledge of Spanish.

SPAN101-13S1 (C) Semester 1

SPAN 102 Beginners' Spanish B 15 Points 0.1250 EFTS

A language course following on from SPAN 101, for those with limited knowledge of Spanish.

P: SPAN 101 or equivalent

SPAN102-13S2 (C) Semester 2

SPAN 201 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: SPAN 102 or a placement test. Note: The minimum language ability required for this course corresponds approximately to Year 12/13 Spanish.

SPAN201-13S1 (C) Semester 1

SPAN 202 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: SPAN 201 or a 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 SPAN 201 before trying to enter SPAN 202.

SPAN202-13S2 (C) Semester 2

SPAN 203 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: SPAN 201 or equivalent

SPAN203-13S2 (C) Semester 2

SPAN 204 Hispanic Culture through Film

15 Points 0.1250 EFTS

Not offered in 2013

This course will provide students with an overview of modern Hispanic culture in the 20th and 21st century through an examination of selected films from Spain and Latin America. Key films will be discussed and analysed from socio-cultural, political, and historical perspectives and in relation to genre and themes such as modernity and identity, exile, the transnational, and the intercultural.

SPAN 205 Journey through Hispanic Culture

15 Points 0.1250 EFTS

The goal of this course is to familiarize students with significant people, events, places and cultural practices throughout the Spanish speaking world, from the early days of their civilisations until the present. This course employs a historical approach to study Hispanic culture, thus creating an inter-textual dialogue between the past and the present. It has been structured so that 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; emphasis will be placed throughout the course on their interaction and its consequences. This course does not require any previous knowledge of Spanish as it will be taught in English.

R: SPAN 111

SPAN205-13S1 (C) Semester 1

SPAN 301 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: SPAN 202 or equivalent.

SPAN301-13S1 (C) Semester 1

SPAN 302 Advanced Spanish B

30 Points 0.2500 EFTS

This course is a continuation of SPAN 301. 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: SPAN 301

SPAN302-13S2 (C) Semester 2

SPAN 303 Introduction to Hispanic Literature

30 Points 0.2500 EFTS

The aim of this course is to introduce students to the study of Peninsular and Latin American literature through selected literary works chosen from representative genres (narrative fiction, poetry, and drama). In the process, students will learn the fundamentals of reading, discussing, and writing about literary works while at the same time developing further the four basic language skills in Spanish (reading, writing, speaking, and listening). SPAN 303 and SPAN 304 are offered in alternate years.

P: SPAN 202 or equivalent

SPAN303-13S2 (C) Semester 2

SPAN 304 Introductory Readings in Latin American Literature

30 Points 0.2500 EFTS

Not offered in 2013

This course will introduce students to literary movements and canonical authors in Latin America from pre-Columbian times to the latter part of the twentieth century. All literary genres will be considered and author biographical information as well as critical theory will come into play. Readings will be in Spanish. SPAN 303 and SPAN 304 are offered in alternate years.

P: SPAN 202 or equivalent

ARTS 395 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: Special application and interview, with permission of Internship Director.

RP: Students should attend UC Careers CV writing and Interview skills workshops prior to submitting internship application.

ARTS395-13S1 (C) Semester 1

ARTS395-13A (C) Starts Any time

ARTS395-13S2 (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 www.arts.canterbury.ac.nz/internship 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.

LANC 401 In Other Words What? Theory and Practice of Translation

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: Eligibility for the Honours programme in one of the six languages taught in the School.

R: FREN 417

LANC401-13S1 (C) Semester 1

LANC 402 Theories and Practices of E-Learning in Non-native Language Acquisition

0.2500 EFTS

The course aims at developing participants' awareness of e-learning theories and practices and approaches to non-native language teaching/learning and project design. Participants will be introduced to key concepts and theories in e-learning related to non-native language teaching and learning. Exemplars of e-learning tools and activities will be analysed in connection to theories of e-learning and relevant academic research. Participants will investigate, analyse and evaluate literature in e-learning and connected areas in relation to non-native language teaching and learning.

P: Non-native language at 300-level or equivalent.

LANC402-13S1 (C) Semester 1

SPAN 401 Latin American Narratives: Journey Through the Labyrinth

0.2500 EFTS

This course examines in-depth key fictional writings of 20th century Latin American literature, providing insight into the ideas that have shaped that part of the world.

P: Subject to approval of the Programme Director. Note: No knowledge of the Spanish language is required.

SPAN401-13W (C) Whole Year (S1 and S2)

SPAN 402 Readings on Revolution

0.2500 EFTS

This course examines forces that have helped determine the history, society and literature of Latin America, with particular regard to revolution.

P: Subject to approval of the Programme Director. Note: Advanced knowledge of the Spanish language is required.

SPAN402-13W (C) Whole Year (S1 and S2)

SPAN 403 Readings on Exile and Identity

0.2500 EFTS

This course examines, through a variety of literary works, the related issues of exile (self-imposed or forced), identity, migration, displacement, "transculturation", and sociohistorical factors that have conditioned the destiny of modern Spanish and Latin American societies.

P: Subject to approval of the Programme Director. Note: Advanced knowledge of the Spanish language is required.

SPAN403-13W (C) Whole Year (S1 and S2)

SPAN 404 Readings in Hispanic History

0.2500 EFTS

The purpose of this course is to explore Spanish recent history by questioning the evolving framework of rationality from which many of the ideas, beliefs, and identity in Spain have been and are being shaped. It introduces these three elements as central to the analysis and understanding of socio-political developments and cultural production.

P: Subject to approval of the Programme Director. Note: No knowledge of the Spanish language is required.

SPAN404-13W (C) Whole Year (S1 and S2)

SPAN 405 Translation Studies: Focus on Spanish

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.

SPAN405-13W (C) Whole Year (S1 and S2)

SPAN 410 Special Topic

0.2500 EFTS

P: Subject to approval of the Head of Department.

SPAN410-13W (C) Whole Year (S1 and S2)

SPAN 411 Research Essay

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.

SPAN411-13W (C) Whole Year (S1 and S2)

SPAN 412 Advanced Spanish Language

0.2500 EFTS

This full-year 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 the Spanish language is required.

SPAN412-13W (C) Whole Year (S1 and S2)

SPAN 690 MA Thesis

1.0000 EFTS

P: Subject to approval of the Head of School.

SPAN690-13A (C) Starts Any time

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

SPAN 790 Spanish PhD

1.0000 EFTS

P: Subject to approval of the Head of School

SPAN790-13A (C) Starts Any time

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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Speech and Language Pathology

Refer to Communication Disorders on page 521.

Sport Coaching

School of Sciences and Physical Education

SPCO 101 Introduction to Sport Coaching

15 Points 0.1250 EFTS

This course looks to equip students with the necessary coaching skills that will enable them to successfully plan and implement effective sport coaching sessions. Through theory and practical application, students will gain knowledge and understanding about relevant aspects of human development and pedagogy and consider these within a variety of sport coaching contexts.

R: EDSP 120, EDSP 123

SPCO101-13S1 (C) Semester 1

SPCO 102 Coaching & Learning 1

15 Points 0.1250 EFTS

This course explores the nature of sport coaching in relation to contemporary communication theory and learning theory. Students will be equipped to plan and implement quality coaching sessions that are appropriate to athlete learning characteristics, needs and concerns. Students will apply and evaluate this knowledge through micro-coaching sessions.

R: EDSP 122, EDSP 123

SPCO102-13S2 (C) Semester 2

SPCO 103 Sport Psychology 1

15 Points 0.1250 EFTS

This course will provide an introduction to basic sport psychology theories and techniques used for maximising performance and satisfaction in sport and physical activity. It will allow students to apply appropriate sport psychology techniques and examine the implications of these for sport coaches and the sporting environment.

R: EDPS 280

SPCO103-13S2 (C) Semester 2

SPCO 104 Introduction to Human Anatomy and Physiology

15 Points 0.1250 EFTS

This course is designed to provide students with a foundational understanding of anatomy and physiology as each relates to sporting participation and performance. The course develops an understanding of the structure and function of the human body, and how the body systems interact to maintain homeostasis.

R: EDSP 101, TEPE 102, EDPE 111

RP: Strong secondary school science background.

EQ: TEPE 102

SPCO104-13S1 (C) Semester 1

SPCO 105 Social History of Sport

15 Points 0.1250 EFTS

This course will provide students with an introduction to the history and philosophy of physical activity and modern sport. It critiques the development of sporting activity in western society with particular reference to New Zealand sport development. Implications for sport coaches and the sporting environment while be examined.

R: EDSP 180

SPCO105-1351 (C) Semester 1**SPCO 107 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.

R: EDSP 203

SPCO107-1352 (C) Semester 2**SPCO 110 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.

R: EDSP 130

SPCO110-13W (C) Whole Year (S1 and S2)**SPCO 201 Athlete Centred Coaching**

15 Points 0.1250 EFTS

This course will explore alternative perspectives within sport coaching and as part of an evolving coaching philosophy students will conceptualise and evaluate the concept of athlete-centred coaching. Students will explore functionalist, humanist and critical perspectives of sport coaching and evaluate these in relation to the coach-athlete power relationship. Understanding is enhanced through micro-coaching sessions that further explore and evaluate these concepts.

P: SPCO 101 or SPCO 102 or EDSP 123

R: EDSP 224

SPCO201-1352 (C) Semester 2**SPCO 202 Coaching & Learning 2**

15 Points 0.1250 EFTS

In this course students will gain further understanding of the educative nature of sport coaching. Students will further explore the concept of 'sports coach as educator' and draw on a selection of educational perspectives around pedagogy and learning in relation to skill development. Students will apply a number of instructional coaching models, in

a variety of sport coaching contexts and evaluate these in relation to appropriate pedagogy and learning theory.

P: SPCO 102 or EDSP 123

R: EDSP 225

SPCO202-1351 (C) Semester 1**SPCO 204 Introduction to Biomechanics**

15 Points 0.1250 EFTS

This course provides knowledge of the structure and function of the mechanical principles governing movement, with an emphasis on human motion. The course will equip students to analyse and assess movement from both qualitative and quantitative viewpoints.

P: SPCO 104 or EDSP 101.

R: EDSP 202, TEPE 202

RP: An understanding of right-angle geometry (trigonometry and Pythagoras' Theorem) and algebraic equation manipulation at a NCEA level 2 mathematics level.

EQ: TEPE 202

SPCO204-1351 (C) Semester 1**SPCO 206 Exercise Science for Anaerobic Sports**

15 Points 0.1250 EFTS

This course provides a comprehensive examination of the exercise science essential for coaching anaerobic sport athletes. This includes biomechanical and physiological determinants of performance and the knowledge essential to promote understanding of the exercise science basis for anaerobic sports performance.

P: SPCO 104 or EDSP 101

R: EDSP 204

SPCO206-1352 (C) Semester 2**SPCO 207 Attitudes and Values 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 affect 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: SPCO 105 or EDSP 180

R: EDSP 283

SPCO207-1352 (C) Semester 2**SPCO 208 Critical and Bicultural Perspectives in Sport Coaching**

15 Points 0.1250 EFTS

Prospective coaches of sport in New Zealand need to understand bicultural and multicultural sporting perspectives and have a sound social theory knowledge base to develop critical thinking and reflection skills about sport and their own coaching practices. This course will explore the nature of the sport and sport coaching through

social theory lenses and develop understandings of how this can be applied to students own coaching practice.

P: SPCO 105 or EDSP 180

R: EDSP 282, EDSP 284

SPCO208-1351 (C)

Semester 1

SPCO 210 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: SPCO 110 or EDSP 180

R: EDSP 230

SPCO210-13W (C)

Whole Year (S1 and S2)

SPCO210-13A (C)

Starts Any time

SPCO 221 Sports Health

15 Points

0.1250 EFTS

Not offered in 2013

This course will provide students with an understanding of the holistic health paradigm as it concerns the practice of sport at all levels. Emphasis will be on pro-actively integrating individualised, sport-specific prevention and early recognition strategies into the coaching process and into the annual periodised training macrocycle in particular. The strategies will seek to preserve and maintain optimum athlete well-being in advance of potential sport-related impacts on athlete health.

P: SPCO 104 or EDSP 101 or 45 points in appropriate courses with the approval of Head of School

SPCO 222 Analysis of Expeditioning

15 Points

0.1250 EFTS

This course will extend each student's knowledge and understanding of coaching water based activities though 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: SPCO 104 or 45 points in appropriate courses with the approval of Head of School

SPCO222-13S2 (C)

Semester 2

SPCO 223 Sport Psychology 2

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: SPCO 103 or EDSP 280 or 45 points in appropriate courses

with the approval of Head of School

R: EDSP 310

SPCO223-1351 (C)

Semester 1

SPCO 224 Sport Management

15 Points

0.1250 EFTS

This course applies the principles of management to sport organisations and settings in New Zealand. It includes the pragmatic and technical skills needed for coaches in the effective management of people, club and sporting events.

P: 15 points from Sport Coaching schedule or 45 points in appropriate courses with the approval of Head of School

R: EDSP 223

SPCO224-13S2 (C)

Semester 2

SPCO 225 Sport, Olympism and Education

15 Points

0.1250 EFTS

Not offered in 2013

This course will examine sport and Olympism from an educative, social and ethical sense and in particular examine and critique the relationship between sport, Olympism and education.

P: 15 points from Sport Coaching schedule or 45 points in appropriate courses with the approval of Head of School

SPCO 301 Sport Coaching and Leadership

15 Points

0.1250 EFTS

This course critically examines and applies sport coaching pedagogy. 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: SPCO 201 or SPCO 202 or EDSP 225

R: EDSP 320, EDSP 322

SPCO301-13S2 (C)

Semester 2

SPCO 302 Coaching & Learning 3

15 Points

0.1250 EFTS

This course critically examines and applies sport coaching pedagogy. Importantly, students make links between learning theory and instructional coaching models. Through micro-coaching sessions, student coaches are expected to apply and critically evaluate appropriate pedagogical strategy that will enhance athlete learning.

P: SPCO 201 or SPCO 202 or EDSP 225

R: EDSP 323

SPCO302-13S1 (C)

Semester 1

SPCO 305 Sociology of Sport Coaching

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 theoretical sociology perspectives and apply

this knowledge to a variety of coach education contexts. Sociological theories will be drawn upon to analyse contemporary sport and sport coaching issues including a critique of the obesity epidemic, the sporting body, youth culture and coach implications, and the impact of globalisation on sport and sport coaching practices. The course will critically examine how sport can be educational, empowering and emancipatory.

P: SPCO 207 and SPCO 208, or EDSP 282 and EDSP 283 and EDSP 284

R: EDSP 314

SPCO305-13S1 (C) Semester 1

SPCO 306 Exercise Science for Aerobic Sports
15 Points 0.1250 EFTS

This course provides a comprehensive examination of the exercise science specific for coaching endurance athletes. This includes biomechanical and physiological determinants of performance and the knowledge essential to promote understanding of the exercise science basis for endurance sports performance.

P: SPCO 206

R: EDSP 204

SPCO306-13S1 (C) Semester 1

SPCO 307 Current Topics in Exercise Science

15 Points 0.1250 EFTS

This course provides a comprehensive examination of the exercise science specific for coaching athletes to their highest level of performance. This includes biomechanical and physiological determinants of performance and the knowledge essential to promote understanding of the exercise science basis for aerobic and anaerobic sports performance. It is designed to allow students to plan, execute and evaluate an exercise science intervention for a chosen sport or activity.

P: (SPCO 204 and SPCO 206) or (EDSP 202 and EDSP 203 and EDSP 204)

R: EDSP 303, EDSP 304, EDSP 305

SPCO307-13S2 (C) Semester 2

SPCO 308 Athletes with Disabilities

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: SPCO 202 or EDSP 225 or 45 points in appropriate courses with the approval of the Head of School.

R: EDSP 285

SPCO308-13S2 (C) Semester 2

SPCO 310 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: SPCO 210 or EDSP 230

R: EDSP 331

SPCO310-13W (C) Whole Year (S1 and S2)

SPCO310-13A (C) Starts Any time

SPCO 320 Internship

15 Points 0.1250 EFTS

This is a culminating course which provides students with an introduction to a sport-related workplace of their choice, with a view to future employment or further study. The internship provides an opportunity for students to work professionally in their chosen field and put theoretical aspects of the BSPC programme into practice in an authentic setting. Students will develop critical reflection skills, technical and intra-personal and interpersonal skills to work successfully in professional environments in the sport coaching field.

P: Successful completion of required 100-level and 200-level courses from the Sport Coaching schedule.

R: EDSP 340

SPCO320-13S2 (C) Semester 2

Statistics

Department of Mathematics and Statistics

STAT 101 Statistics 1

15 Points 0.1250 EFTS

An introduction to the ideas, techniques and applications of statistics and probability.

R: STAT 111, STAT 112

EQ: STAT 111, STAT 112

STAT101-13S1 (C) Semester 1

STAT101-13S2 (C) Semester 2

STAT 201 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: STAT 101, STAT 111, STAT 112 or STAT 131

R: FORE 210, STAT 220, FORE 222, STAT 222

STAT201-13S1 (C) Semester 1

STAT 202 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: STAT 101, STAT 111, STAT 112 or STAT 131

R: FORE 210, STAT 220, FORE 224, STAT 224

STAT202-13S2 (C) Semester 2

STAT 211 Random Processes

15 Points 0.1250 EFTS
 This course introduces some of the most useful probability 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, martingales and Poisson processes.
 P: (STAT 101 or STAT 111 or STAT 112) and (MATH 102 or EMTH 118 or MATH 108) or MATH 103, MATH 109, MATH 199, EMTH 119
 R: STAT 216
STAT211-13S1 (C) Semester 1

STAT 213 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: 1) MATH 103 or MATH 199 or EMTH 119; or 2) (STAT 101 or STAT 111 or STAT 112) and (MATH 102 or EMTH 118 or MATH 108 or MATH 109).
 R: STAT 214
STAT213-13S2 (C) Semester 2

STAT 221 Monte Carlo Methods

15 Points 0.1250 EFTS
 This course is about the generation of random numbers and their uses, including computer simulations to mimic and contrast random real-world phenomena. It will provide an intuitive and practical understanding of the basic methods in computational statistics, and show how to implement statistical algorithms to manipulate, visualise and comprehend various aspects of real-world data.
 P: 1) MATH 103 or MATH 199 or EMTH 119; or 2) (STAT 101 or STAT 111 or STAT 112) and (MATH 102 or EMTH 118 or MATH 108 or MATH 109).
 R: STAT 218
STAT221-13S1 (C) Semester 1

STAT 312 Sampling Methods

15 Points 0.1250 EFTS
 Sampling techniques and designs. Special sampling designs for surveys of animal populations.
 P: 15 points from STAT 201, STAT 202, STAT 213, and, a further 15 points from STAT 200 to STAT 299.
STAT312-13S1 (C) Semester 1

STAT 313 Computational Statistics

15 Points 0.1250 EFTS
Not offered in 2013
 Data analysis and statistical inference based on permutation methods, EDF methods, bootstrap and resampling methods, kernel methods and Markov chain methods.
 P: STAT 211, STAT 213, STAT 221, EMTH 210, EMTH 271 or at least B+ in (MATH 103 or EMTH 119).

STAT 314 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: One of the following: 1) (MATH 103 or MATH 199 or EMTH 119) and (15 points at 200-level MATH or STAT (or other quantitative 200-level courses by approval of the Head of Department)); 2) STAT 211 or STAT 213 or STAT 221.
STAT314-13S2 (C) Semester 2

STAT 315 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 (STAT 202 or STAT 213) and a further 15 points from STAT 200-299, or, subject to Head of Department approval.
STAT315-13S1 (C) Semester 1

STAT 316 Applied Stochastic Modelling

15 Points 0.1250 EFTS
Not offered in 2013
 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: MATH 376

STAT 317 Time Series Methods

15 Points 0.1250 EFTS
 Analysis of sequentially collected data including data modelling and forecasting techniques.
 P: 15 points from STAT 201, STAT 202, STAT 213 and a further 15 points from STAT 200-299, ECON 213, MATH 103, MATH 199 or EMTH 119.
STAT317-13S2 (C) Semester 2

STAT 318 Data Mining

15 Points 0.1250 EFTS
 Parametric and non-parametric statistical methodologies and algorithms for data mining.
 P: i) 15 points from STAT 200 to STAT 299 and ii) a further 15 points from STAT 200 to STAT 299 or COSC 200-299 or any other relevant subject with Head of Department approval.
STAT318-13S2 (C) Semester 2

STAT 319 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 STAT 200-299 or Head of Department approval
STAT319-13S1 (C) Semester 1

STAT 391 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 Department.
STAT391-13S1 (C) Semester 1

STAT 392 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: Head of Department approval.
STAT392-13S2 (C) Semester 2

STAT 393 Independent Course of Study

15 Points 0.1250 EFTS
 P: Head of Department approval.
STAT393-13S1 (C) Semester 1

STAT 394 Independent Course of Study

15 Points 0.1250 EFTS
 P: Head of Department approval.
STAT394-13S2 (C) Semester 2

STAT 395 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: 30 points from STAT 210-294, and approval of Head of Department.
STAT395-12SU2 (C) Summer (Nov 12)

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.

STAT 405 Bioinformatics

0.1250 EFTS
 P: Subject to approval of the Head of Department.
STAT405-13S1 (C) Semester 1
STAT405-13S2 (C) Semester 2

STAT 440 Probability Theory

0.1250 EFTS
 P: Subject to approval of the Head of Department.
STAT440-13S1 (C) Semester 1
STAT440-13S2 (C) Semester 2

STAT 445 Multivariate and Financial Time Series

0.1250 EFTS
 P: Subject to approval of the Head of Department.
STAT445-13S1 (C) Semester 1
STAT445-13S2 (C) Semester 2

STAT 446 Generalised Linear Models

0.1250 EFTS
 P: Subject to approval of the Head of Department.
STAT446-13S1 (C) Semester 1

STAT 449 Project

0.2500 EFTS
 P: Subject to approval of the Head of Department.
STAT449-13W (C) Whole Year (S1 and S2)
STAT449-13CY (C) Cross Year

STAT 450 Advanced Statistical Modelling

0.1250 EFTS
 Advanced Data Analysis. This course focuses on recent advances in modelling techniques for analysing data including mixed models, generalised additive models and generalised estimating equations.
 P: Subject to approval of the Head of Department.

STAT450-13S1 (C) Semester 1
STAT450-13S2 (C) Semester 2

STAT 451 Survival and Counting Process Methods

0.1250 EFTS
Not offered in 2013
 P: Subject to approval of the Head of Department.

STAT 452 Applied Statistics

0.1250 EFTS
 P: Subject to approval of the Head of Department.
STAT452-13S1 (C) Semester 1
STAT452-13S2 (C) Semester 2

STAT 453 Mathematical Statistics

0.1250 EFTS
Not offered in 2013
 P: Subject to approval of the Head of Department.

STAT 454 Analysis of Longitudinal data

0.1250 EFTS
Not offered in 2013
 P: Subject to approval of the Head of Department.

STAT 455 Sampling Methods

0.1250 EFTS
 P: Subject to approval of the Head of Department.
STAT455-13S1 (C) Semester 1

STAT 456 Time Series and Stochastic Processes

0.1250 EFTS

P: Subject to approval of the Head of Department.

STAT 456-13S1 (C) Semester 1

STAT 456-13S2 (C) Semester 2

STAT 457 Nonparametric Methods

0.1250 EFTS

Not offered in 2013

P: Subject to approval of the Head of Department.

STAT 458 Applied Stochastic Modelling

0.1250 EFTS

Not offered in 2013

P: Subject to approval of the Head of Department.

STAT 459 Advanced Computational Statistics

0.1250 EFTS

Not offered in 2013

P: Subject to approval of the Head of Department.

STAT 460 Extreme Value Statistics

0.1250 EFTS

P: Subject to approval of the Head of Department.

STAT 460-13S1 (C) Semester 1

STAT 460-13S2 (C) Semester 2

STAT 461 Bayesian Inference

0.1250 EFTS

P: Subject to approval of the Head of Department.

STAT 461-13S2 (C) Semester 2

STAT 462 Data Mining

0.1250 EFTS

P: Subject to approval of the Head of Department.

STAT 462-13S2 (C) Semester 2

STAT 463 Multivariate Statistical Methods

0.1250 EFTS

P: Subject to approval of the Head of Department.

STAT 463-13S1 (C) Semester 1

STAT 464 Statistical Inference

0.1250 EFTS

P: Subject to approval of the Head of Department.

STAT 464-13S1 (C) Semester 1

STAT 464-13S2 (C) Semester 2

STAT 470 Special Topic in Statistics

0.1250 EFTS

STAT 470-13S1 (C) Semester 1

STAT 470-13S2 (C) Semester 2

STAT 471 Special Topic in Statistics

0.1250 EFTS

STAT 471-13S1 (C) Semester 1

STAT 471-13S2 (C) Semester 2

STAT 472 Special Topic in Statistics

0.1250 EFTS

STAT 472-13S1 (C) Semester 1

STAT 474 Special Topic in Statistics

0.1250 EFTS

STAT 474-13S1 (C) Semester 1

STAT 474-13S2 (C) Semester 2

STAT 475 Independent Course of Study

0.1250 EFTS

STAT 475-13W (C) Whole Year (S1 and S2)

STAT 475-13S1 (C) Semester 1

STAT 475-13S2 (C) Semester 2

STAT 491 Summer Research Project

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 Department.

STAT 491-12SU2 (C) Summer (Nov 12)

STAT 690 MSc Thesis

1.0000 EFTS

P: Subject to approval of the Head of Department.

STAT 690-13A (C) Starts Any time

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

STAT 695 MA Thesis

1.0000 EFTS

P: Subject to approval of the Head of Department.

STAT 695-13A (C) Starts Any time

STAT 790 Statistics PhD

1.0000 EFTS

P: Subject to approval of the Head of Department.

STAT 790-13A (C) Starts Any time

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 Student 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.

TAXA 690 MCom Thesis

1.0000 EFTS

P: Subject to approval of the Head of Department.

R: ACIS 690, AFIS 690

TAXA690-13A (C) Starts Any time

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

TAXA 790 Taxation PhD

1.0000 EFTS

P: Subject to approval of the Head of Department.

R: ACIS 790, AFIS 790

TAXA790-13A (C) Starts Any time

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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.

Teacher Education

College of Education

TECE 105 Integrated Curriculum/ Ako and Whānauangatanga

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.

TECE105-13X (C) 29 July 2013 - 17 Nov 2013

TECE105-13X (D) 29 July 2013 - 17 Nov 2013

TECE 106 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.

TECE106-13X (C)

29 July 2013 - 17 Nov 2013

TECE106-13X (D)

29 July 2013 - 17 Nov 2013

TECE 200 Early Childhood Curriculum 2

15 Points

0.1250 EFTS

Not offered in 2013

This is a 200-level compulsory course which extends students' theoretical and practical knowledge of early childhood curricula. It enables students to develop competence and confidence in planning integrated curriculum experiences for infants, toddlers and young children.

P: TECE 100 or EDEC 150 (or an approved equivalent).

R: EDEC 263, TECE 250

EQ: TECE 250

TECE 201 Te Reo me nga Tikanga Māori 2

15 Points

0.1250 EFTS

Not offered in 2013

This course provides current and aspiring early-childhood teachers consolidation and extension of the skills acquired at 100-level. Te reo Māori oral and written competency are emphasised within this course.

P: TECE 101 or EDMI 145 or an approved equivalent.

R: EDMI 254, TECE 251

EQ: TECE 251

TECE 205 Negotiated Curriculum: The Multiple Languages of Children

15 Points

0.1250 EFTS

The course prepares student teachers to provide appropriate and meaningful curriculum experiences for infants, toddlers and young children. Students will explore theoretical approaches to teaching and learning in order to inform their practice in developing integrated language curriculum experiences. Therefore, the competent student will then be able to provide a wider range of appropriate and meaningful curriculum experiences for infants, toddlers and young children which are based on the principles of Te Whariki in Aotearoa New Zealand contexts.

P: TECE 105

TECE205-13X (C)

29 July 2013 - 17 Nov 2013

TECE205-13X (D)

29 July 2013 - 17 Nov 2013

TECE 300 Early Childhood Curriculum 3

15 Points

0.1250 EFTS

This course covers key curriculum domains within an examination of the socio-political contexts that construct curricula and shape delivery in the early childhood years. Key research in selected curriculum domains will form the basis of the course to support learners' abilities to analysis, critique and engage in curriculum investigations and modes of delivery for effective learning outcomes for diverse children and families. The course will provide students with competence and confidence in evaluating curriculum

experiences to improve the quality of teaching practices with children in the early years.

P: TECE 200 or TECE 250, or an approved equivalent
R: EDEC 376, TECE 350

TECE300-13X (C) 29 July 2013 - 17 Nov 2013

TECE300-13X (D) 29 July 2013 - 17 Nov 2013

TECE 301 Te Reo me nga tikanga Māori 3

15 Points 0.1250 EFTS

This course early childhood with an opportunity to extend te reo me nga tikanga Māori acquired in TECE 201. It allows students to develop an awareness of Māori culture and language. It introduces appropriate waiata and resources to use in an early childhood setting.

P: TECE 201 or TECE 251, or an approved equivalent

R: EDMI 363, TECE 351

TECE301-13X (C) 18 Feb 2013 - 14 July 2013

TECE301-13X (D) 18 Feb 2013 - 14 July 2013

TECE 320 Education for Sustainability

15 Points 0.1250 EFTS

Education for Sustainability is a 300-level course which focuses on environmental and social justice issues. Using current research, holistic teaching and learning approaches and experiential activities, students explore practical ways to introduce education for sustainability concepts into the early childhood curriculum and centre management.

R: EDEC 383

TECE320-13X (C) 29 July 2013 - 17 Nov 2013

TECE320-13X (D) 29 July 2013 - 17 Nov 2013

TECE 355 Social and Cultural Studies 1

15 Points 0.1250 EFTS

Early childhood teachers need to be aware of the cultures within the society of Aotearoa/New Zealand. They must understand what it means to be bicultural and how to function as teachers in a multicultural society, guided by Te Tiriti o Waitangi. This course will focus on New Zealand as a bicultural and multicultural society, and develop students' knowledge and understanding of te Tiriti o Waitangi. This course will also provide students with an historical context within which to place contemporary early childhood provision in New Zealand.

TECE355-13X (D) 11 Feb 2013 - 14 July 2013

TECE 356 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: TECE 355

TECE356-13X (D) 29 July 2013 - 01 Dec 2013

TECE 357 The Early Childhood Context 1

15 Points 0.1250 EFTS

Early Childhood teachers have a responsibility to foster ongoing and diverse learning pathways for children. This

course will enable students to provide inclusive early childhood education, and to partner with family/whānau in the education and care of infants, toddlers and young children. Students will explore curriculum theory and practice and will examine their role in providing curriculum experiences. Students will also investigate issues in Early Childhood Education and paradigms of childhood.

TECE357-13X (D) 11 Feb 2013 - 14 July 2013

TECE 358 The Early Childhood Context 2

15 Points 0.1250 EFTS

This course covers the principles of learning and assessment; the planning, implementation and evaluation of activities which foster learning, and the assessment of learning in early childhood settings. Students will explore broader educational issues, particularly in relation to government policy on education in New Zealand and how this impacts on the role of the early childhood teacher. Students will continue to examine their role in providing curriculum experiences for infants, toddlers and young children.

P: TECE 357

TECE358-13X (D) 29 July 2013 - 01 Dec 2013

TECE 359 Te Reo me nga Tikanga Māori

15 Points 0.1250 EFTS

This course will develop students' competence in oral and written Māori, their understanding of tikanga as a foundation for working in early childhood and an understanding of Māori concepts, understandings and issues within education and the wider community.

TECE359-13X (D) 11 Feb 2013 - 01 Dec 2013

TECM 101 Te Reo me nga Tikanga 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.

TECM101-13X (C) 11 Feb 2013 - 14 July 2013

TECM101-13X (D) 11 Feb 2013 - 14 July 2013

TECM 201 Te Reo me nga Tikanga Māori 2

15 Points 0.1250 EFTS

This course will contribute to an understanding of the importance of bilingual/bicultural early childhood environments, and how teachers can work effectively within these. Students will gather information from relevant research and pedagogies to develop and strengthen tiriti based early childhood programmes and will learn how to develop and foster collaborative teaching and learning within a bicultural/tiriti based curriculum. A focus of the course will be the need for teachers of young children to understand and use te reo Māori in early childhood settings.

TECM201-13X (C) 18 Feb 2013 - 14 July 2013

TECM201-13X (D) 18 Feb 2013 - 14 July 2013

TECP 112 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.

TECP112-13X (D) 29 July 2013 - 17 Nov 2013

TECP112-13X (C) 29 July 2013 - 17 Nov 2013

TECP112-13X (N) 29 July 2013 - 17 Nov 2013

TECP 113 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.

TECP113-13X (C) 29 July 2013 - 17 Nov 2013

TECP113-13X (D) 29 July 2013 - 17 Nov 2013

TECP113-13X (N) 29 July 2013 - 17 Nov 2013

TECP 122 Introduction to Mathematics Education

15 Points 0.1250 EFTS

This course provides pre-service teachers with an introduction to the theory, and pedagogy of teaching Mathematics in the New Zealand primary school context. The course introduces the knowledge, skills and attitudes needed to successfully plan, teach and evaluate the Mathematics and statistics learning areas in 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.

TECP122-13X (C) 29 July 2013 - 17 Nov 2013

TECP122-13X (D) 29 July 2013 - 17 Nov 2013

TECP122-13X (N) 29 July 2013 - 17 Nov 2013

TECP 201 Māori, Social and Cultural Studies in Education

15 Points 0.1250 EFTS

This course equips pre-service teachers to consciously give effect to the principles of the Treaty of Waitangi (partnership, protection and participation). It aims to support the implementation of Te Reo Māori and Tikanga in primary schools and to provide conceptual frameworks and strategies that will enable pre-service teachers to respond

to the needs of diverse learners. This course develops pre-service teachers' competence in Māori language and Tikanga, and introduces contemporary thinking related to cultural studies and social sciences education in the revised New Zealand Curriculum.

P: TEPS 110

R: EDSS 151, EDML 151, EDM1 144

TECP201-13X (D) 18 Feb 2013 - 14 July 2013

TECP 202 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.

TECP202-13X (C) 18 Feb 2013 - 14 July 2013

TECP202-13S1 (D) Semester 1

TECP 210 Literacy Programmes and Learning Languages

15 Points 0.1250 EFTS

This compulsory course will prepare students to design and implement literacy programmes and teach languages other than English. The students will be introduced to contemporary theories which underpin effective literacy and language learning and teaching. The course develops strategies for planning, implementing and evaluating an effective literacy programme. The course will also introduce students to new pedagogical strategies for incorporating languages other than English into their teaching programmes. Approaches used in current practice will be examined within the context of meeting individual learning needs.

P: TECP 110 or (EDEN 151 and EDEN 152)

R: EDEN 263, EDEN 264

TECP210-13X (D) 18 Feb 2013 - 14 July 2013

TECP 211 Arts 2: Dance, Drama, Music-Sound Arts and Visual Arts

15 Points 0.1250 EFTS

This course ensures that graduates from the BTChLn(Primary) build the required content and pedagogical content knowledge, knowledge of curriculum and learners, and an understanding of the social contexts of learning in each of The Arts disciplines (ie, Dance, Drama, Music-Sound Arts and Visual Art). Students will develop both personal and professional literacies in each of these disciplines, and will learn how the vision, principles, values and key

competencies in the New Zealand Curriculum are fostered within an Arts Education framework.

P: TECP 111, or EDAR 151 and EDMU 151 and EDIT 152

R: EDAR 261, EDMU 261, EDEN 153

TECP211-13X (D) 18 Feb 2013 - 14 July 2013

TECP 212 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 the processes/procedures for planning and implementing effective programmes to meet these diverse needs. In addition, the course builds on understandings of mathematics and statistics developed in a 100-level course. It critiques Numeracy Project assessment tools and resources. The diagnostic interview will be used in conjunction with school visits to diagnose and teach individual numeracy needs. 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.

P: TECP 112 and TECP 122.

R: TECP 220, TECP 210

TECP212-13YD2 (C) Year D Second Half

TECP212-13YD2 (D) Year D Second Half

TECP 220 Experiencing Mathematics and Technology Education

15 Points 0.1250 EFTS

This course builds on understandings of Mathematics and Statistics and Technology developed in the 100-level course Mathematics and Technology Introductory Studies. Course content will include exploring components of The New Zealand Curriculum relevant to Mathematics and Statistics, and Technology and critiquing national assessment tools. Planning, assessing and evaluating units of work will be a key focus of this course. The New Zealand Numeracy Development Project Number Framework and The Diagnostic Interview will be used in conjunction with school visits to diagnose and teach to individual numeracy needs. Students will also participate in, document and reflect on an authentic technological practice experience.

P: TECP 120

TECP220-13X (D) 18 Feb 2013 - 14 July 2013

TECP 221 Science, Health and Physical Education Curriculum Studies 2

15 Points 0.1250 EFTS

The course is designed to give pre-service primary teachers further development in the theory, philosophy and pedagogy of teaching Science, Health and Physical Education in the New Zealand Curriculum. The course develops knowledge, skills and attitudes to successfully

plan, teach, assess and evaluate these learning areas. Students will also gain an understanding of issues that impact on each area and the selection of appropriate resources designed to complement teaching.

P: TECP 121 OR (EDSC 151 AND EDHL 151 AND EDPE 264)

R: EDSC 261, EDHL 261 and EDPE 264

TECP221-13X (C) 18 Feb 2013 - 14 July 2013

TECP221-13X (D) 18 Feb 2013 - 14 July 2013

TECP 222 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.

TECP222-13X (C) 29 July 2013 - 17 Nov 2013

TECP222-13X (D) 29 July 2013 - 17 Nov 2013

TECP 223 Science and Technology Education: Nature and Practice

15 Points 0.1250 EFTS

Not offered in 2013

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 PTTER 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/PTTER-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.

TECP 301 Te reo Māori, ESOL and Social Studies in the Classroom and Beyond

15 Points 0.1250 EFTS

This course develops knowledge about appropriate strategies and frameworks for planning and implementing te reo Māori, English for Speakers of Other Languages (ESOL), and Social Studies programmes, using communicative and treaty-based approaches. It is designed to give initial teacher education students the opportunity to extend their professional knowledge and practice by examining and applying relevant literature, policy and pedagogy, and to support students' responsibilities as teachers for the

promotion and protection of te reo me ona tikanga a iwi (Māori language/s and culture/s) in New Zealand schools.

P: EDM1 251, EDSS 261, or TECP 201

TECP301-13X (C) 18 Feb 2013 - 14 July 2013

TECP301-13X (D) 18 Feb 2013 - 14 July 2013

TECP 302 Whakapakari Reo

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 classroom practices in the teaching of te reo and tikanga Māori.

P: TECP 201 or EDM1 251

TECP302-13T3 (C) 02 Sep 2013 - 17 Nov 2013

TECP302-13T3 (D) 02 Sep 2013 - 17 Nov 2013

TECP 310 Critical Issues in Literacy and Mathematics Education

15 Points 0.1250 EFTS

The course is designed to further develop initial teacher education students' knowledge of the theory, philosophy and pedagogy of teaching mathematics and literacy in the New Zealand Curriculum. The course develops the knowledge, skills and attitudes to successfully plan, teach, assess and evaluate these learning areas in the New Zealand Curriculum (2007). Meeting the literacy and numeracy needs of diverse learners is a key responsibility of all teachers. Students will identify and critique a range of current issues in literacy and mathematics education and develop a range of approaches to meet the needs of all learners.

P: (TECP 210 AND TECP 220) OR (EDMS 262 AND EDEN 263 AND EDEN 264)

R: EDMS 371, EDEN 371 or EDPI 378

TECP310-13X (C) 29 July 2013 - 17 Nov 2013

TECP310-13X (D) 29 July 2013 - 17 Nov 2013

TECP 311 Investigations in Inquiry-based Learning

15 Points 0.1250 EFTS

Students will experience, as well as learn about, authentic inquiry-based learning. They will share ideas and record links to theory, to best classroom practice, and to their developing philosophy of teaching and learning. In using an inquiry-based approach, students will be introduced to contemporary and well-researched means of optimising learning within the New Zealand Curriculum by undertaking an investigation into an area of personal interest.

TECP311-13T3 (C) 02 Sep 2013 - 17 Nov 2013

TECP311-13T3 (D) 02 Sep 2013 - 17 Nov 2013

TECP 312 Literature and Drama Across the Curriculum

15 Points 0.1250 EFTS

This course specifically addresses the needs of initial teacher education students who are required to integrate across the essential learning areas and the key competencies with emphasis on children's literature and drama. The course will build students' knowledge, subject matter and skills of using children's literature and drama across the curriculum and across class levels. Graduates will have the confidence and the ability to integrate the curriculum with literature and drama at its core and will learn how the Key Competencies, Vision, Principles, and Values in the New Zealand Curriculum are fostered within an integrated approach.

R: EDEN 375, EDEN 373

TECP312-13T3 (C) 02 Sep 2013 - 17 Nov 2013

TECP312-13T3 (D) 02 Sep 2013 - 17 Nov 2013

TECP 322 Implementing the mathematics and statistics curriculum in the primary school

15 Points 0.1250 EFTS

This course will provide an opportunity to plan, teach and evaluate lessons, which relate to the mathematics and statistics learning area of the NZC. Knowledge gained for compulsory mathematics courses will be extended as students work within the primary classroom setting to achieve proficiency in all aspects of mathematics programmes. Students will learn to select, critique and use appropriate resources to plan, teach and evaluate mathematics episodes. Students will also critique and complete long-term plans in mathematics and statistics for the primary classroom and complete classroom based group teaching with a focus on problem solving.

P: EDMS 262 or TECP 220

R: EDMS 372, EDMS 373

EQ: EDMS 372 and EDMS 373

TECP322-13T3 (C) 02 Sep 2013 - 17 Nov 2013

TECP322-13T4 (D) 02 Sep 2013 - 17 Nov 2013

TECP 350 Te Tiriti, nga Reo me nga Tikanga a Iwi: The Treaty, Languages, Social and Cultural Studies

15 Points 0.1250 EFTS

This course provides a theoretical and practical framework for inclusive responsive teaching that takes account of the cultural and linguistic backgrounds of children within the context of teaching from the Social Sciences and Learning Languages Curriculum Statements, including Te Reo me ona Tikanga Māori. The course encourages students to develop an awareness of Māori culture and an appreciation of the dual heritage of Aotearoa New Zealand through engaging with the Treaty of Waitangi, and experiencing a noho marae. In addition students will consider the implications of cultural and linguistic diversity on teaching and learning. Students will be introduced to resources, pedagogical strategies and process skills appropriate to teaching Social Studies and Languages - including Te Reo me ona

Tikanga Māori, English as an additional language, NZSL and international languages.

R: EDRT 711, EDRT 411

TECP350-13X (C) 18 Feb 2013 - 14 July 2013

TECP350-13X (D) 18 Feb 2013 - 14 July 2013

TECP 360 Literacy Education

15 Points 0.1250 EFTS

The course develops knowledge about teaching, learning and assessment in literacy learning. It is designed to give graduate initial teacher education students the opportunity to develop research informed knowledge and practice in literacy education.

R: EDLE 711

EQ: EDLE 711

TECP360-13X (C) 18 Feb 2013 - 17 Nov 2013

TECP360-13X (D) 18 Feb 2013 - 17 Nov 2013

TECP 361 Teaching and Learning In, Through and About The Arts

15 Points 0.1250 EFTS

Students in this course will develop the knowledge, skills and attitudes needed to teach children in schools effectively in each of The Arts disciplines (ie, Dance, Drama, Music-Sound Arts and Visual Art). Students will also develop both personal and professional literacies in each of these disciplines, and learn how the vision, principles, values and key competencies in the New Zealand Curriculum are fostered within an Arts Education framework. In addition, they will develop skills in the use of a range of digital technologies to support teaching and learning in The Arts.

R: EDAR 711, EDMU 711, EDDD 511

TECP361-13X (C) 18 Feb 2013 - 14 July 2013

TECP361-13X (D) 18 Feb 2013 - 14 July 2013

TECP 370 Mathematics and Technology Curriculum Studies

15 Points 0.1250 EFTS

This is a compulsory course which ensures all students in the graduate programme can demonstrate competence in the planning, implementation and evaluation of effective practices in the areas of Mathematics and Statistics and Technology in the New Zealand primary classroom. The course will develop the knowledge, skills and attitudes, to plan, teach and assess successfully, using relevant and recent resources and research practice to inform these processes. The course aims to ensure successful students are knowledgeable about current numeracy programmes and technology education.

R: EDMS 711, EDTE 711

TECP370-13X (C) 18 Feb 2013 - 17 Nov 2013

TECP370-13X (D) 18 Feb 2013 - 17 Nov 2013

TECP 371 Science, Health and Physical Education Curriculum Studies 2

15 Points 0.1250 EFTS

The course is designed to give pre-service primary teachers further development in the theory, philosophy and pedagogy of teaching Science, Health and Physical Education in the New Zealand Curriculum. The course

develops knowledge, skills and attitudes to successfully plan, resource, implement, assess and evaluate these learning areas. Students will also gain an understanding of contemporary issues that impact on each area.

R: EDHL 711, EDPE 711, EDSC 711

TECP371-13X (C) 29 July 2013 - 17 Nov 2013

TECP371-13X (D) 29 July 2013 - 17 Nov 2013

TECS 351 Learning Languages Years 7 - 10

15 Points 0.1250 EFTS

This course is designed for students who wish to teach languages in Years 7 - 10. It is a compulsory course for students who wish to specialise in teaching languages. The course provides critical awareness and understanding of the aims and objectives of the Learning Languages learning area and explores appropriate planning, teaching and assessment methods.

P: 100-level International Language or equivalent (excluding beginners' courses). Subject to the approval of the Head of School.

TECS351-13X (C) 11 Feb 2013 - 23 June 2013

TECS 352 Learning Languages Years 11-13

15 Points 0.1250 EFTS

This course is designed for students who wish to teach languages in the senior secondary school. It is a compulsory course for students who wish to specialise in teaching languages. The course provides critical awareness and understanding of the aims and objectives of the Learning Languages learning area and explores appropriate planning, teaching and assessment methods.

P: 300-level International Language or equivalent. Subject to the approval of the Head of School. Must also enrol in TECS 351.

R: EDIL 347

TECS352-13T3 (C) 08 July 2013 - 17 Nov 2013

TECS 353 Te Reo Māori Years 9-11

15 Points 0.1250 EFTS

This course is designed for students who wish to teach Te Reo Māori in the secondary school. It is a compulsory course for students who wish to specialise in Years 9-11 Te Reo Māori teaching. The course provides critical awareness and understanding of the aims and objectives of the te reo achievement standards and relevant unit standards; assessment guidelines and explores appropriate planning, teaching and assessment methods.

P: 100-level Te Reo Māori language (Te Pihinga) or equivalent. Subject to the approval of the Head of School. Note:

TeachNZ Scholarships require at least one 300-level course.

R: EDM1 302

TECS353-13X (C) 11 Feb 2013 - 23 June 2013

TECS 354 Te Reo Māori Years 12-13

15 Points 0.1250 EFTS

This course is designed for students who wish to teach te reo Māori in the senior secondary school. It is a compulsory course for students who wish to specialise in te reo Māori Years 12-13. The course provides critical awareness and understanding of the aims and objectives of the te reo

Māori national course and assessment guidelines and explores appropriate planning, teaching and assessment methods.

P: 300-level Te Reo Māori Language (Te Pihinga) or equivalent. Subject to the approval of the Head of School. Must also enrol in TECS 353.

R: EDM1 304

TECS354-13T3 (C) 08 July 2013 - 17 Nov 2013

TECS 355 Senior Geography Years 11-13

15 Points

0.1250 EFTS

This course is designed for those students who wish to major in Social Studies and Geography or take geography as an additional subject. The course provides critical awareness and understanding of the aims and objectives of the Geography national course and assessment guidelines and it explores appropriate planning, teaching and assessment methods.

P: 300-level Geography or equivalent. Subject to approval of the Head of School. Must also enrol in TECS 358.

R: EDSS 329

TECS355-13X (C) 11 Feb 2013 - 23 June 2013

TECS 356 Senior History Years 11-13

15 Points

0.1250 EFTS

This course is designed for students who wish to major in Social Studies and History or take history as an additional teaching subject. The course provides critical awareness and understanding of the aims and objectives of the History national course and assessment guidelines and explores appropriate planning, teaching and assessment methods.

P: 300-level History or equivalent, (e.g. some Political Science courses). Subject to approval of the Head of School. Those majoring in Social Studies with History must also enrol in TECS 358.

R: EDSS 330

TECS356-13X (C) 11 Feb 2013 - 23 June 2013

TECS 357 Classical Studies Years 11-13

15 Points

0.1250 EFTS

This course is designed for students who wish to teach Classical Studies in the senior secondary school. It is a compulsory course for students who wish to specialise in Social Studies with Classical Studies. The course provides critical awareness and understanding of the aims and objectives of the Classical Studies national course and assessment guidelines and explores appropriate planning, teaching and assessment methods.

P: 300-level Classics or equivalent. Subject to approval of the Head of School. Those majoring in Social Studies with Classics must also enrol in TECS 358.

R: EDSS 333

TECS357-13X (C) 11 Feb 2013 - 23 June 2013

TECS 358 Social Studies Teaching Years 7-13

15 Points

0.1250 EFTS

This course is designed for students wish to take social studies as an additional teaching subject. It is also the core compulsory course for those wishing to take a social studies major. The course provides critical awareness and understanding of the aims and objectives, content and skills

of the Social Sciences Learning Area of The New Zealand Curriculum at Years 7-13 and explores appropriate planning, teaching and assessment methods.

P: 200-level in a Social Science subject or equivalent such as History, Geography, Classics, Sociology (New Zealand content preferred). Subject to approval of the Head of School.

R: EDSS 335

TECS358-13X (C) 11 Feb 2013 - 23 June 2013

TECS358-13T3 (C) 08 July 2013 - 17 Nov 2013

TECS 360 Teaching Art years 7-10

15 Points

0.1250 EFTS

This course looks at fundamental issues in teaching and learning in Art Education as these relate to current curriculum documents for Art Education in Aotearoa/ New Zealand. The first part of the course provides a basic introduction to practical art curriculum in preparation for first teaching practice. The second part of the course provides opportunities to gain a depth of understanding, and to establish links between current art educational theories and best practice. During the course students will develop understanding of subject specific planning and assessment skills, teaching and management strategies, material and budget management skills and use current technology to develop resources for art making and knowing about art.

P: 200-level Fine Arts or equivalent. Subject to approval of the Head of School.

R: EDAR 325

TECS360-13X (C) 11 Feb 2013 - 23 June 2013

TECS 361 Teaching Art Years 11-13

15 Points

0.1250 EFTS

Designed for the specialist art teacher, this is one of two compulsory courses that comprise the Major Teaching Study. This course looks at teaching and learning, planning, assessment and resources in the context of the senior secondary school and specialist Practical Art subjects for Design, Photography, Painting, Printmaking and Sculpture. The course focuses on the concept of learning by example and how to guide students from whole class to individual programmes in the context of making art works.

P: BFA or equivalent. Subject to approval of the Head of School. Must also enrol in TECS 360.

R: EDAR 328

TECS361-13T3 (C) 08 July 2013 - 17 Nov 2013

TECS 365 Junior English

15 Points

0.1250 EFTS

This course is designed for students who wish to teach English as a major or minor teaching subject. The course explores the theories, methods, pedagogies, skills and content for teaching English as a subject at secondary school.

P: 100-level English or equivalent (e.g. American Studies, Drama, Theatre and Film). Subject to approval of the Head of School.

R: EDEN 307, EDEN 311

TECS365-13X (C) 11 Feb 2013 - 23 June 2013

TECS 366 Senior English

15 Points

0.1250 EFTS

This course is the second of two courses designed for students who wish to teach English in New Zealand secondary schools. The course extends and consolidates understandings of the theories, methods, pedagogies, skills and content for teaching English and will enable initial teacher education students to teach Senior English at Years 12-13.

P: 300-level English (focused on Drama and Literature, not Linguistics) or equivalent (eg Theatre and Film Studies). Subject to approval of the Head of School. Must also enrol in TECS 365.

R: EDEN 307, EDEN 311

TECS366-13T3 (C) 08 July 2013 - 17 Nov 2013**TECS 370 Health Education in the Secondary School**

15 Points

0.1250 EFTS

This course specifically examines issues and current curriculum documents in Health and Physical Education. It explores learning and teaching approaches for Health Education, and introduces resources appropriate for supporting Health Education programmes in secondary schools. Students examine the impact of their own attitudes, values and actions and those of others in the development of effective relationships in a range of contexts. They will learn effective ways of working with school students to encourage the strengthening of personal identity, a positive sense of self worth and the development of a range of interpersonal skills. This is a compulsory course for all students majoring in Health Education and will contribute to a minor in Health Education.

P: TEPE 101 or EDPE 161 or Subject to approval of Head of School.

R: EDHL 302, EDHL 303

TECS370-13X (C) 11 Feb 2013 - 23 June 2013**TECS370-13S2 (C) Semester 2****TECS 371 Sexuality and Mental Health Education**

15 Points

0.1250 EFTS

This course is designed to extend knowledge, skills and teaching and learning strategies developed in TECS 370 Health Education in the Secondary School. This course examines current issues, practices and curriculum documents in both sexuality education and mental health. It explores learning and teaching approaches for these key areas of learning and introduces resources appropriate for supporting sexuality education and mental health programmes in secondary schools. This is a compulsory course for students majoring in Health Education.

P: Nursing or Psychology background preferable with 300-level Health or equivalent. Subject to the approval of the Head of School. Must also enrol in TECS 370.

R: EDHL 310, EDHL 399

TECS371-13S2 (C) Semester 2**TECS 372 Teaching Mathematics and Statistics Years 7-10**

15 Points

0.1250 EFTS

A compulsory course for students taking mathematics as a major teaching study. It is also available as an additional teaching study (or minor). This course provides an introduction to teaching Mathematics and Statistics in secondary schools with a focus on teaching at Years 7-10. The current curriculum for mathematics and statistics is explored alongside resources for mathematics teaching, including technologies. During the course, the students will gain experience in teaching approaches, assessment practices and communication of mathematical ideas. Research findings about student learning in mathematics and statistics are also included.

P: 100-level Maths or Statistics. Subject to the approval of the Head of School. Note TeachNZ Scholarships require at least one 300-level course.

R: EDMS 307

TECS372-13X (C) 11 Feb 2013 - 23 June 2013**TECS 373 Teaching Mathematics and Statistics Years 11-13**

15 Points

0.1250 EFTS

A compulsory course for students taking mathematics as a major teaching study. This course provides an introduction to teaching Mathematics and Statistics in secondary schools with a focus on teaching at Years 11-13. The current curriculum for mathematics and statistics is explored alongside resources for mathematics teaching, including graphical calculators and other technologies. During the course, the students will gain experience in teaching approaches, assessment practices and the communication of mathematical ideas. NCEA assessment issues and practices are studied in depth. Research findings about student learning in mathematics and statistics are also included.

P: 300-level Maths or Statistics. Subject to the approval of the Head of School. Must also enrol in TECS 372.

R: EDMS 378

TECS373-13T3 (C) 08 July 2013 - 17 Nov 2013**TECS 376 Outdoor and Environmental Education Years 7-10**

15 Points

0.1250 EFTS

This course is designed to prepare teachers of Outdoor and Environmental Education (O.E.E.) in the junior secondary school. The course develops organisational, sequencing, risk management and field trip implementation skills. It focuses on teachers using experiences outside the classroom to enhance their teaching and learning programmes in all curriculum areas, as well as exploring an environmental sustainability focus. The course aims to develop an approach to planning, implementation and evaluation that maximises student safety and educational outcomes

for students. Delivery is experiential and includes a 2 day practicum.

P: Either a) proven interest such as community involvement in outdoor and/or environmental education and subject to approval of the Head of School, or b) EDPE 161

R: EDOE 302, EDOE 309, EDOE 311

TECS376-13X (C) 11 Feb 2013 - 23 June 2013

TECS376-13S1 (C) Semester 1

TECS 377 Outdoor and Environmental Education Curriculum Years 11-13

15 Points 0.1250 EFTS

This course is designed for students who are intending to take a leading part in Outdoor and Environmental Education (O.E.E.) in a senior secondary school. The course explores the range of options for O.E.E. programmes in New Zealand including courses that offer unit standards, achievement standards or alternative education. The course also explores a range of other delivery options including experiential education and education for sustainability. The course will provide students with a broad range of knowledge and equips them to design and implement Outdoor and Environmental Education courses. Delivery is experiential and includes a practicum.

P: 300-level outdoor and/or environmental education or equivalent. NZ Mountain Safety Outdoor First Aid course recommended. Subject to approval of the Head of School. Must also enrol in TECS 376.

R: EDOE 300, EDOE 351, EDOE 401

TECS377-13X (C) 08 July 2013 - 17 Nov 2013

TECS 380 Physical Education Teaching Study 1 Years 7 - 10

15 Points 0.1250 EFTS

This course will provide the necessary introductory content and curriculum knowledge, and teaching methods needed for teachers who wish to teach Physical Education as related to the New Zealand Curriculum Years 7-10. Learning through movement and theory to practice are key themes for this course.

P: 100-level physical education or equivalent, eg, exercise science or sociology of sport or pedagogy. Subject to the approval of the Head of School.

R: EDPE 302, EDPE 400, TECS 379

TECS380-13X (C) 11 Feb 2013 - 23 June 2013

TECS 381 Physical Education Teaching Study 2 Years 11 - 13

15 Points 0.1250 EFTS

This course is designed specifically for initial teacher education students who intend to specialise in the teaching of physical education at Years 11 - 13. Teaching Physical Education in the New Zealand Curriculum (NZC) (2007) requires teachers to have a broad knowledge of both the bio-physical and socio-cultural aspects of senior school physical education. This course will allow initial teacher education students the opportunity to develop understandings content and formative and summative assessment processes of the socio-cultural and bio-physical learning outcomes of the NZC. In completing this course students will develop the necessary knowledge, skills and

attitudes to develop a senior school learning community and deliver quality teaching and learning in senior physical education. There is a strong practical component.

P: 300-level Physical Education or equivalent, eg, Biomechanics or Exercise Science. Subject to the approval of the Head of School. Must also enrol in TECS 380.

R: EDPE 302, TECS 379

RP: An undergraduate degree in Physical Education or related subject areas.

TECS381-13T3 (C) 08 July 2013 - 17 Nov 2013

TECS 382 Science Education Years 7 - 13

15 Points 0.1250 EFTS

This is a compulsory course designed for specialist science teachers. The course emphasises practical work and teaching methods to maximise student involvement. Fundamental issues in teaching and learning in science education are examined in relation to levels 4 to 8 of Science Learning Area of The New Zealand Curriculum. During the course students will gain experience in pedagogical content, planning approaches, assessment practices, management strategies for practical work, learning theories and teaching strategies. Critical reflection on teaching approaches will be required.

P: 200-level Science or Applied Science such as Biology, Chemistry, Physics, Environmental Science, Engineering, Geology, Health, Nursing. Subject to the approval of the Head of School.

R: EDSC 308

TECS382-13X (C) 11 Feb 2013 - 23 June 2013

TECS 383 Biology Curriculum Years 11 - 13

15 Points 0.1250 EFTS

This course is designed for those who intend to teach biology as their specialist science in the senior school. A study of the curriculum objectives at Levels 6, 7 and 8 of the Science Learning Area in the New Zealand Curriculum (2007) is undertaken. The course addresses key concepts, research in teaching and learning in biology, teaching strategies, assessment practices, applications of technology, and laboratory activities and management. Resource packages will be developed using a co-operative and context-based approach.

P: 300-level Biology. Subject to the approval of the Head of School. Must also enrol in TECS 382.

R: EDSC 358

TECS383-13T3 (C) 08 July 2013 - 17 Nov 2013

TECS 384 Chemistry Curriculum Years 11 - 13

15 Points 0.1250 EFTS

This course is designed for those who intend to teach chemistry as their specialist science in the senior school. A study of the curriculum objectives at Levels 6, 7 and 8 of the Science Learning Area in the New Zealand Curriculum (2007) is undertaken. The course addresses key concepts, research in teaching and learning in chemistry, teaching strategies, assessment practices, applications of technology, and laboratory activities and management. Resource packages

will be developed using a co-operative and context-based approach.

P: 200-level Chemistry, Biochemistry, Chemical Engineering, Organic and Inorganic Chemistry preferred. Subject to approval of the Head of School. Study to 300-level required for TeachNZ scholarships. Must also enrol in TECS 382.

R: EDSC 368

TECS384-13T3 (C) 08 July 2013 - 17 Nov 2013

TECS 385 Physics Curriculum Years 11-13

15 Points 0.1250 EFTS

This course is designed for those who intend to teach physics as their specialist science in the senior school. A study of the curriculum objectives at Levels 6, 7 and 8 of the Science Learning Area in the New Zealand Curriculum (2007) is undertaken. The course addresses key concepts, research in teaching and learning in physics, teaching strategies, assessment practices, applications of technology, and laboratory activities and management. Resource packages will be developed using a co-operative and context-based approach.

P: 300-level Physics, Engineering, or Electronics. Subject to approval of the Head of School. Must also enrol in TECS 382.

R: EDSC 378

TECS385-13T3 (C) 08 July 2013 - 17 Nov 2013

TECS 386 Introduction to Technology Education Years 7 - 10

15 Points 0.1250 EFTS

This is the first of two compulsory courses that together comprise the Major Teaching Study for technology education. It is designed for students who want to major in technology education or want to have technology education as a minor or supporting subject. This course explores technological literacy. Students will also be given opportunities to work within an area of specialism. The course examines the philosophy and history of technology education in the New Zealand intermediate and secondary school settings (Years 7-10). During the course, students will interact with technologists in industry to develop further skills and knowledge in a specialist area. Students will also develop an understanding of technological literacy and practice sufficient to plan and deliver quality technology education programmes.

P: 200-level Technology related course, eg Engineering / Architecture, Design (Textiles, Graphics, Landscape, Interior, Web), Food Technology, Information and Communication Technology, Computing, Information Systems or equivalent, Electronics, Biotechnology, OR A degree in ANY subject with either a full trade apprenticeship, or evidenced, proven expertise, experience and passion in construction, design and product development.

R: EDTE 310

TECS386-13X (C) 11 Feb 2013 - 23 June 2013

TECS 387 Advanced Studies in Technology Education Years 11 - 13

15 Points 0.1250 EFTS

This course is compulsory for students undertaking technology as a Major Teaching Study. Students will also be given opportunities to work within an area of

specialism. The course explores an holistic approach to learning, integrated teaching approaches in technology education, the process of undertaking and communicating technological practice and senior secondary school assessment. The course also develops students' understandings of the link between authentic (industry based) and classroom technological practice.

P: 300-level Technology related course, eg Engineering / Architecture, Design (Textiles, Graphics, Landscape, Interior, Web), Food Technology, Information and Communication Technology, Computing, Information Systems or equivalent, Electronics, Biotechnology, OR A degree in ANY subject with either a full trade apprenticeship, or evidenced, proven expertise, experience and passion in construction, design and product development.

R: EDTE 311

TECS387-13T3 (C) 08 July 2013 - 17 Nov 2013

TECS 391 Music Education Years 7 - 10

15 Points 0.1250 EFTS

This course is for initial teacher education students who intend teaching Music as an additional subject in secondary schools. It develops core skills for teaching junior music years 7-10. Students gain experience in integrating all strands of the curriculum in lessons and units of work. Resources will be produced and shared. Instrumental/vocal music teaching, managing practical music classes, out-of-class music activities and music technology will be covered in practical, workshop-based sessions. Students will also be able to demonstrate knowledge of current practices in teaching music within the New Zealand Curriculum.

P: 100-level Music. Subject to approval of the Head of School.

R: EDMU 324

TECS391-13X (C) 11 Feb 2013 - 23 June 2013

TECS 392 Music Education Years 11 - 13

15 Points 0.1250 EFTS

This course provides essential skills for teaching the current secondary Music Curriculum, including teaching and learning, planning and assessing music at years 11-13. This course covers achievement and unit standards at Levels 1-4 and includes performance, composition and arranging, aural description and transcription, materials of music and music analysis. Teaching resources will be developed and shared. Practical workshop sessions will cover itinerant music teaching, conducting, managing practical music classes, out-of-class music activities, managing a music programme and/or department and music technology.

P: 300-level Music. Performance background with Music Education papers preferred. Subject to approval of the Head of School. Must also enrol in TECS 391.

R: EDMU 323

TECS392-13T3 (C) 08 July 2013 - 17 Nov 2013

TECS 393 Introduction to Teaching Drama

15 Points 0.1250 EFTS

This course is designed for students who wish to teach Drama as a major or minor teaching subject. The course explores the theories, methods, pedagogies, skills and

content for teaching Drama as a subject at secondary school.

P: Proven interest and involvement such as community drama, drama societies, acting, lighting, etc. Subject to approval of the Head of School.

R: EDPF 333

TECS393-13X (C)

11 Feb 2013 - 23 June 2013

TECS 394 Advanced Studies in Teaching Drama

15 Points 0.1250 EFTS

This course is designed for students who wish to teach Drama as a major or minor teaching subject. The course explores the theories, methods, pedagogies, skills and content for teaching Drama as a subject in secondary school, at Levels One, Two and Three.

P: 300-level Performing Arts (eg BPA, Theatre & Film Studies courses). Subject to approval of the Head of School. Must also enrol in TECS 393.

R: EDPF 363, EDPF 364

TECS394-13T3 (C)

08 July 2013 - 17 Nov 2013

TEDU 105 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.

TEDU105-13X (C) 29 July 2013 - 17 Nov 2013

TEDU105-13X (D) 29 July 2013 - 17 Nov 2013

TEDU 110 Child and Adolescent Development and Health

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. The course aims to provide students with an understanding of developmental processes through the consideration of cognitive, language, physical, emotional, and social development. The impact of health on infant, child, and adolescent development will also be considered.

R: EDUC 102, EDUC 152, TEDU 150

TEDU110-13S1 (C) Semester 1

TEDU110-13S1 (D) Semester 1

TEDU 111 Social and Cultural Studies in Education

15 Points 0.1250 EFTS

An introduction to the foundational theories, concepts and processes in the social and cultural examination of education. Questions about power, justice, and fairness will be examined with respect to inequalities. The course will address questions such as whether educational inequality is inevitable and, if not, what can be done about it? It will also examine what part factors such as class, gender, disability, and ethnicity may play in maintaining unequal forms of education. Students will be introduced to theories about

success and failure in education and their application to the examination of educational inequalities.

R: EDUC 103, EDUC 156

TEDU111-13S1 (C) Semester 1

TEDU111-13S1 (D) Semester 1

TEDU 201 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.

TEDU201-13S1 (C) Semester 1

TEDU201-13S1 (D) Semester 1

TEDU 206 Inclusive Education in Early Childhood/Te Aoturoa Tataki

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.

TEDU206-13X (C) 29 July 2013 - 17 Nov 2013

TEDU206-13X (D) 29 July 2013 - 17 Nov 2013

TEDU 210 Teaching, Learning and Assessment

15 Points 0.1250 EFTS

Not offered in 2013

The course develops knowledge about learning and assessment, assessment skills, and the relationships between assessment, teaching, and learning. It is designed to give initial teacher education students the opportunity to develop their professional knowledge and practice by examining the results of research into the conditions necessary for learning and emerging issues regarding the role of assessment.

R: EDUC 261, EDUC 262, TEDU 250

TEDU 300 Inclusive Education

15 Points 0.1250 EFTS

Not offered in 2013

This course develops knowledge about inclusive education in early childhood education including; identifying and removing barriers to a child's acceptance, participation and learning; reflecting on cultures, policies and practices that contribute to the inclusion and exclusion of children and

their families. Students will critically examine inclusion in early childhood within the social, cultural and political context of New Zealand. Students will develop further understanding of the attitudes, knowledge and skills needed to ensure that all children and their families are included and supported in regular early childhood settings.

R: TEDU 350, EDED 370
EQ: TEDU 350

TEDU 310 The Politics of Knowledge: Curriculum, Research and Learner Diversity

15 Points 0.1250 EFTS

The course has been designed to introduce initial early childhood and primary teacher education students to critical curriculum studies and research that focuses on the issue of learner diversity. It will work across theory and practice contexts to explore the ways in which the issue of curriculum diversity is framed and enacted in both the intended and the operational curriculum. Through critically engaging with and evaluating current national and international research and debates in the field of curriculum and learner diversity, students will be encouraged to develop approaches which will enable them to work towards addressing issues of learner diversity in centres and classrooms.

P: (TEDU 110 and TEDU 111) OR (EDUC 151 and EDUC 152 and EDUC 156) OR TEDU 210

R: EDUC 380, EDUC 384

TEDU310-13T2 (C) 08 Apr 2013 - 30 June 2013

TEDU310-13T2 (D) 08 Apr 2013 - 30 June 2013

TEDU 370 Education Studies

15 Points 0.1250 EFTS

This compulsory course provides opportunities for secondary students to explore issues surrounding the history, sociology, philosophy, politics, cultural contexts, and psychology of education. It helps prepare students teachers to deal with problems that are often social, political and ethical in nature as well as examining a range of e-learning strategies to support technological, pedagogical content knowledge required to use information and communication technologies in teaching and learning.

R: EDED 402

TEDU370-13X (C) 11 Feb 2013 - 17 Nov 2013

TEPI 101 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), which introduces students to what it means to be a teacher in early childhood and primary contexts in New Zealand. It also introduces students to the major threads, conceptual framework and founding documents of the BTChLn, initial teacher education qualification. The course includes a two-day Treaty of Waitangi workshop and a three-week

professional practice placement in an early childhood centre or primary school.

TEPI101-13X (C) 11 Feb 2013 - 14 July 2013

TEPI101-13X (D) 11 Feb 2013 - 14 July 2013

TEPI101-13X (R) 11 Feb 2013 - 14 July 2013

TEPI101-13X (N) 11 Feb 2013 - 14 July 2013

TEPI101-13X (Y) 11 Feb 2013 - 14 July 2013

TEPI 105 Teacher Identity/Nga Tirohanga Whanui

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.

TEPI105-13X (D) 29 July 2013 - 17 Nov 2013

TEPI105-13X (C) 29 July 2013 - 17 Nov 2013

TEPI105-13X (Y) 29 July 2013 - 17 Nov 2013

TEPI 160 Professional Inquiry 1

15 Points 0.1250 EFTS

Professional Inquiry is the core component of the GradDipTchLn (Primary). This course specifically introduces students to the skills of professional observation of teacher and child behaviours and microteaching and it explores the links between students professional practice experiences and established educational theory related to child development and learning. The course also explores influences on learning and pedagogical practice in the New Zealand educational context. Students will also gain experience in inter and intra personal communication and receive feedback to enable them to explore their own beliefs and practices and develop greater awareness of the way their ontology may impact on the teaching and learning process.

R: EDPI 501, EDPI 612

TEPI160-13T1 (D) 11 Feb 2013 - 14 July 2013

TEPI160-13X (C) 18 Feb 2013 - 14 July 2013

TEPI160-13X (D) 29 July 2013 - 24 Nov 2013

TEPI 205 Professional Responsibilities and Relationships/Nga Tirohanga Whanui

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: TEPI 105

TEPI205-13X (C) 18 Feb 2013 - 14 July 2013

TEPI205-13X (D) 18 Feb 2013 - 14 July 2013

TEPI205-13X (Y) 18 Feb 2013 - 14 July 2013

TEPI 206 The teacher's role in learning and assessment/Nga Tirohanga Whanui

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: TEPI 205 or an approved equivalent.

R: TEPS 201, EDPS 264, TEPS 251

TEPI206-13X (C) 29 July 2013 - 17 Nov 2013**TEPI206-13X (D)** 29 July 2013 - 17 Nov 2013**TEPI206-13X (Y)** 29 July 2013 - 17 Nov 2013**TEPI 220 Professional Inquiry: Learners and Learning 1**

15 Points

0.1250 EFTS

This is a compulsory course that will further develop students understanding and knowledge of the profession of teaching. In particular, this course addresses the pedagogical (interpersonal) and didactic (instructional methods and techniques) needs of students as they prepare for a greater teaching role within the curriculum and complexities of the classroom. The course design provides experiences in inter and intrapersonal communication and feedback for students to enable them to form an accurate model of themselves and be able to use that model to operate effectively within the profession.

P: TEPP 102 and TECM 101

C: TEPP 220 or TEPP 221

R: TEPS 210

TEPI220-13X (C) 18 Feb 2013 - 14 July 2013**TEPI220-13X (R)** 18 Feb 2013 - 14 July 2013**TEPI220-13X (D)** 18 Feb 2013 - 14 July 2013**TEPI220-13X (N)** 18 Feb 2013 - 14 July 2013**TEPI 221 Professional Inquiry: Learners and Learning 2**

15 Points

0.1250 EFTS

This is a compulsory course that will further develop students understanding and knowledge of the profession of teaching. In particular, this course addresses the pedagogical (interpersonal) and didactic (instructional methods and techniques) needs of students as they prepare

for a greater teaching role within the curriculum and complexities of the classroom.

P: TEPI 220

R: TEPS 210

TEPI221-13X (C) 29 July 2013 - 17 Nov 2013**TEPI221-13X (N)** 29 July 2013 - 17 Nov 2013**TEPI221-13X (D)** 29 July 2013 - 17 Nov 2013**TEPI221-13X (R)** 29 July 2013 - 17 Nov 2013**TEPI 260 Professional Inquiry 2**

15 Points

0.1250 EFTS

Professional Inquiry is core components of the GradDipTchLn. This course explores the links between professional practice experiences and established educational theory related to pedagogical models, learning environments, and the principles and practice of planning, assessment, evaluation, and reporting. Students will also be introduced to an Inquiry approach to teaching and learning (to be extended in the TEPI 360 course), and will further develop their personal teaching philosophy and evidence of teaching through a portfolio.

P: TEPI 160

C: TEPP 260

R: EDPI 601

TEPI260-13T1 (D) 28 Jan 2013 - 14 Apr 2013**TEPI260-13X (C)** 29 July 2013 - 17 Nov 2013**TEPI260-13X (D)** 29 July 2013 - 17 Nov 2013**TEPI 351 Professional Inquiry 1**

15 Points

0.1250 EFTS

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.

TEPI351-13X (D) 11 Feb 2013 - 14 July 2013**TEPI 352 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: TEPI 351

TEPI352-13X (D) 29 July 2013 - 01 Dec 2013**TEPI 360 Professional Inquiry 3**

15 Points

0.1250 EFTS

This course will enable students to explore links between professional practice and curriculum experiences and established educational theory related to curriculum integration and the diverse needs of children. It will also support them in their transition to the teaching profession. Students will experience, as well as learn about, authentic

inquiry-based learning. They will share ideas and record links to theory, to best classroom practice, and to their developing philosophy of teaching and learning. In using an inquiry-based approach, students will be introduced to contemporary and well-researched means of optimising learning within the New Zealand Curriculum.

P: TEPI 160, TEPI 260, TEPP 160, TEPP 260 (or equivalents)
R: EDPI 701, EDIS 723

TEPI360-13T1 (C) 28 Jan 2013 - 14 Apr 2013
TEPI360-13T1 (D) 28 Jan 2013 - 14 Apr 2013
TEPI360-13X (D) 29 July 2013 - 24 Nov 2013

TEPP 102 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.

TEPP102-13T3 (C) 29 July 2013 - 17 Nov 2013
TEPP102-13T3 (N) 29 July 2013 - 17 Nov 2013
TEPP102-13T3 (D) 29 July 2013 - 17 Nov 2013
TEPP102-13T3 (R) 29 July 2013 - 17 Nov 2013

TEPP 152 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 Professional Inquiry 1. Associate Teachers assist the College to assess students' developing competence as a teacher.

TEPP152-13A (C) Starts Any time
TEPP152-13T1 (D) 25 Feb 2013 - 31 Mar 2013

TEPP 160 Professional Practice 1: Children and Classroom Teaching

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 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.

R: EDPP 511
EQ: EDPP 511

TEPP160-13T2 (C) 06 May 2013 - 09 June 2013
TEPP160-13T2 (D) 06 May 2013 - 09 June 2013

TEPP 200 Professional Practice 2A

15 Points 0.1250 EFTS

Not offered in 2013

This course provides students with opportunities to progress towards the demonstration of Year 2 competencies and professional qualities. The course is closely linked to Professional Studies 2. Associate Teachers assist the College to assess students' developing competence as a teacher.

P: TEPP 100 or EDTP 156 or an approved equivalent
C: TEPS 200, or an approved equivalent
R: EDTP 263, TEPP 250
EQ: TEPP 250

TEPP 201 Professional Practice 2B

15 Points 0.1250 EFTS

This course provides students with opportunities to progress towards the demonstration of Year 2 competencies and professional qualities. The course is closely linked to Professional Studies 2. Associate Teachers assist the College to assess students' developing competence as a teacher.

P: TEPP 200 (TEPP 250) or an approved equivalent
C: TEPS 201 (TEPS 251) or an approved equivalent
R: EDTP 264, TEPP 251
EQ: TEPP 251

TEPP201-13A (D) Starts Any time

TEPP 205 Professional Practice 3: Responsibilities and Relationships

15 Points 0.1250 EFTS

This course provides students with opportunities to progress towards the demonstration of appropriate competencies and professional qualities. The course focuses on becoming a teacher as it is closely linked to Professional Inquiry 2. Associate Teachers assist the College to assess students' developing competence as a teacher.

EQ: TEPP 200

TEPP205-13T2 (C) 06 May 2013 - 02 June 2013
TEPP205-13T2 (D) 06 May 2013 - 02 June 2013
TEPP205-13T2 (Y) 06 May 2013 - 02 June 2013
TEPP205-13T3 (D) 02 Sep 2013 - 29 Sep 2013

TEPP 206 Professional Practice 4: Assessment and Planning

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 4-week period. TEPP 206 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: TEPP 205 or an approved equivalent
C: TEPI 206 or approved equivalent
R: TEPP 201, EDTP 264, TEPP 251
EQ: TEPP 201

TEPP206-13T3 (C) 02 Sep 2013 - 29 Sep 2013
TEPP206-13T3 (D) 02 Sep 2013 - 29 Sep 2013
TEPP206-13T3 (Y) 02 Sep 2013 - 29 Sep 2013

TEPP 210 Professional Practice: Effective Student Learning

15 Points 0.1250 EFTS

Not offered in 2013

This course is designed to deliver through practical application and first-hand experience in classrooms, the necessary curriculum and pedagogical content required of 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: TEPP 110 or EDPP 153

R: EDPP 263

TEPP 220 Professional Practice: Designing 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: TEPP 102

R: TEPP 210

TEPP220-13T2 (C) 06 May 2013 - 02 June 2013**TEPP220-13T2 (D)** 06 May 2013 - 02 June 2013**TEPP220-13T2 (N)** 06 May 2013 - 02 June 2013**TEPP220-13T2 (R)** 06 May 2013 - 02 June 2013**TEPP220-13T3 (D)** 02 Sep 2013 - 29 Sep 2013**TEPP 221 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: TEPP 220, TEPI 220

R: TEPP 211

TEPP221-13T2 (D) 04 Mar 2013 - 07 Apr 2013**TEPP221-13T3 (D)** 02 Sep 2013 - 29 Sep 2013**TEPP221-13T3 (R)** 02 Sep 2013 - 29 Sep 2013**TEPP221-13T3 (C)** 02 Sep 2013 - 29 Sep 2013**TEPP221-13T3 (N)** 02 Sep 2013 - 29 Sep 2013**TEPP 252 Professional Practice 2**

15 Points 0.1250 EFTS

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: TEPP 152

TEPP252-13A (D)**Starts Any time****TEPP252-13T2 (D)****03 June 2013 - 07 July 2013****TEPP 260 Professional Practice 2: Professional Knowledge and Development**

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 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: TEPP 160 and TEPI 160

TEPP260-13T1 (D)**04 Mar 2013 - 07 Apr 2013****TEPP260-13T3 (C)****26 Aug 2013 - 29 Sep 2013****TEPP260-13T3 (D)****26 Aug 2013 - 29 Sep 2013****TEPP 300 Professional Practice 3A**

15 Points 0.1250 EFTS

P: TEPP 201

TEPP300-13A (C)**Starts Any time****TEPP300-13T1 (C)****25 Feb 2013 - 31 Mar 2013****TEPP300-13T1 (D)****25 Feb 2013 - 31 Mar 2013****TEPP300-13T3 (D)****22 July 2013 - 25 Aug 2013****TEPP 301 Professional Practice 3B**

15 Points 0.1250 EFTS

P: TEPP 300

TEPP301-13A (C)**Starts Any time****TEPP301-13T3 (C)****29 July 2013 - 01 Sep 2013****TEPP301-13T3 (D)****29 July 2013 - 01 Sep 2013****TEPP 310 Professional Practice: Increasing Teacher Independence**

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 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: (TEDU 110 and TEDU 111 and TEPS 210 and TEPP 211 and TECP 210 and TECP 220) OR (EDUC 151 AND EDUC 152 AND EDUC 156 AND EDPS 262 AND EDPP 264 AND EDEN 264 AND EDMS 262)

R: EDPP 373

TEPP310-13T1 (C)**04 Mar 2013 - 07 Apr 2013****TEPP310-13T1 (D)****04 Mar 2013 - 07 Apr 2013****TEPP310-13T1 (R)****04 Mar 2013 - 07 Apr 2013****TEPP310-13T2 (D)****29 July 2013 - 01 Sep 2013**

TEPP 311 Professional Practice: Learning and Teaching Solo

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 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: (TEPP 310 AND TEDU 210) OR (EDPP 264 AND EDUC 261 AND EDUC 262 AND EDUC 267)

R: EDPP 374

TEPP311-13T1 (D) 04 Mar 2013 - 07 Apr 2013

TEPP311-13T3 (C) 29 July 2013 - 01 Sep 2013

TEPP311-13T3 (D) 29 July 2013 - 01 Sep 2013

TEPP311-13T3 (R) 29 July 2013 - 01 Sep 2013

TEPP 352 Professional Practice 3

15 Points 0.1250 EFTS

This course provides students with opportunities to progress towards the demonstration of 300-level competencies and professional qualities. The course is closely linked to Professional Inquiry 2. Associate Teachers assist the College to assess students' developing competence as a teacher.

P: TEPP 252

TEPP352-13A (D) Starts Any time

TEPP352-13T4 (D) 14 Oct 2013 - 17 Nov 2013

TEPP 360 Professional Practice 3

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 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: TEPP 260 and TEPI 260

R: EDPP 721

EQ: EDPP 721

TEPP360-13T1 (C) 04 Mar 2013 - 07 Apr 2013

TEPP360-13T1 (D) 04 Mar 2013 - 07 Apr 2013

TEPP360-13T3 (D) 19 Aug 2013 - 22 Sep 2013

TEPP 370 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: TEPS 370

R: EDTP 306

TEPP370-13T1 (C)

18 Mar 2013 - 19 May 2013

TEPP370-13T3 (C)

12 Aug 2013 - 29 Sep 2013

TEPP 371 Teaching Practice 2

15 Points 0.1250 EFTS

This course extends the requirements of TEPP 370 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: TEPP 370

C: TEPS 371

R: EDTP 307

TEPP371-13T1 (C)

18 Mar 2013 - 19 May 2013

TEPP371-13T3 (C)

12 Aug 2013 - 29 Sep 2013

TEPS 200 Professional Studies 2A

15 Points 0.1250 EFTS

Not offered in 2013

This course addresses issues and practices in early childhood settings. It is closely linked with the practical experience which students will have in early childhood settings during teaching practice. In order to work effectively with children and adults in early childhood settings students need to learn how to integrate the knowledge and skills acquired in courses into their practice. This course is designed to meet these needs.

P: TEPS 101 or EDPS 154 or an approved equivalent

C: TEPP 200 (TEPP 250) or an approved equivalent and TEPP 201 (TEPP 251) (or an approved equivalent)

R: EDPS 264, EDEC 265, TEPS 250

EQ: TEPS 250

TEPS 201 Professional Studies 2B

15 Points

0.1250 EFTS

Not offered in 2013

This course addresses issues and practices in early childhood settings. It is closely linked with the practical experience which students will have in early childhood settings during teaching practice. In order to work effectively with children and adults in early childhood settings students need to learn how to integrate the knowledge and skills acquired in courses into their practice. This course is designed to meet these needs.

P: TEPS 200 (TEPS 250) or an approved equivalent

C: TEPP 201 (TEPP 251) or an approved equivalent

R: EDPS 264, TEPS 251

EQ: TEPS 251

TEPS 210 Professional Studies 2

15 Points

0.1250 EFTS

This course specifically addresses the pedagogical (interpersonal) and didactic (instructional methods and techniques) needs of students as they prepare for a greater teaching role within the curriculum and complexities of the classroom. The course design provides experiences in inter and intrapersonal communication and feedback for students to enable them to form an accurate model of themselves and be able to use that model to operate effectively within the profession.

P: 1) TEPS 110 and TEPP 110; or 2) EDPS 151 and EDPS 152 and EDPP 153

R: EDPS 261, EDPI 153, EDPS 262

TEPS210-13YD (D) Full Year D**TEPS 300 Professional Studies 3A**

15 Points

0.1250 EFTS

This course is designed to give pre-service teachers the opportunity to improve their professional practice by examining emerging issues related to teaching. The course aims to develop a rigorous approach to the theory/praxis nexus in relation to teaching.

P: TEPS 200, TEPS 201

TEPS300-13X (C) 18 Feb 2013 - 14 July 2013**TEPS300-13X (D) 18 Feb 2013 - 14 July 2013****TEPS 301 Professional Studies 3B**

15 Points

0.1250 EFTS

This course is designed to give pre-service teachers the opportunity to improve their professional practice by examining the relevant frameworks, guidelines and legislation relevant to the early childhood teaching environment.

P: TEPS 300

TEPS301-13X (C) 29 July 2013 - 17 Nov 2013**TEPS301-13X (D) 29 July 2013 - 17 Nov 2013****TEPS 310 Professional Studies 3**

15 Points

0.1250 EFTS

This compulsory course is the final of the Professional Studies series. It focuses on preparing students for provisional registration as a teacher. The course will provide experiences for students to be prepared as

confident beginning teachers who are able to demonstrate competency as required by the graduating teacher standards.

P: (TEPS 210 AND TEPP 210) OR (EDPS 262 AND EDPP 264)

R: EDPS 371, EDPS 372

TEPS310-13YD (C)**Full Year D****TEPS310-13YD (D)****Full Year D****TEPS310-13YD (R)****Full Year D****TEPS310-13X (D)****29 July 2013 - 17 Nov 2013****TEPS 370 Professional Studies 1**

15 Points

0.1250 EFTS

This compulsory course introduces principles and practices of teaching in New Zealand Secondary Schools. The course addresses issues related to learners and learning and the organisation and management of students in New Zealand Secondary School contexts. This course is a co-requisite with TEPP 370.

C: TEPP 370

R: EDPS 305

TEPS370-13X (C)**11 Feb 2013 - 23 June 2013****TEPS 371 Professional Studies 2**

15 Points

0.1250 EFTS

This compulsory course addresses issues around professional roles and expectations of teachers in New Zealand Secondary Schools. The course further develops from TEPS 371 Professional Studies 2 the principles and practices of teaching and class management for diverse learners in New Zealand Secondary Schools. This course is a co-requisite with TEPP 371 Teaching Practice 2.

P: TEPS 370 and TEPP 370

C: TEPP 371

R: EDPS 305

TEPS371-13T3 (C)**08 July 2013 - 17 Nov 2013**

Te Reo Māori

*Aotahi: School of Māori and Indigenous Studies***TREO 110 Conversational Māori for Absolute Beginners**

15 Points

0.1250 EFTS

A beginner's paper in Māori language for those with no previous background in Te Reo Māori. Students will learn basic informal and formal greetings, marae protocols, introductory songs and vocabulary, how to introduce themselves, express family relationships and converse about basic day-to-day events. 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 in a relaxed, mutually respectful and entertaining manner.

R: MAOR 105, MAOR 110, MAOR 111, MAOR 112, MAOR 115, MAOR 124, MAOR 125, TREG 111, TREG 112

TREG110-13SU1 (C) Summer (Jan 13)

TREG110-13S1 (C) Semester 1

TREG110-13S2 (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 TREG 111, TREG 112, TREG 180, TREG 260, TREG 280, TREG 360 or TREG 380 cannot subsequently be credited with TREG 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, which will be granted only if the course is appropriate to the level of competence of the student

TREG 111 Te Reo: Te Kakano - Introductory Language 1

15 Points 0.1250 EFTS

An entry level course for those who already have some background in Te Reo Māori and who wish to develop better writing and speaking skills. Students learn a wider array of informal and formal greetings, songs and karakia, 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. Some background such as secondary school Māori language or a suitable equivalent is advised.

P: Students wishing to enter TREG 111 must have a basic knowledge of te reo Māori including an understanding of correct pronunciation, basic greetings, days of the week, parts of the body etc (i.e. knowledge that can be gained through successfully completing TREG 110). Students that are more competent in te reo Māori may be asked to complete an oral test to assess their level appropriate course for the student. In some instances this may mean that a student enters the TREG Programme at a higher level.
R: MAOR 105, MAOR 110, MAOR 111, MAOR 115, MAOR 124, MAOR 125

TREG111-13S1 (C) Semester 1

TREG 112 Te Reo: Te Kakano - Introductory Language 2

15 Points 0.1250 EFTS

A second level beginners' course in Māori language. Students learn a range of more complex constructions and extend their vocabulary, enabling them to talk and write about future events, incorporating commands, passives, negatives, categories of possession and possessive sentences and pronouns.

P: TREG 111, or MAOR 111, or MAOR 124 or MAOR 125 or 18 credits in NCEA Te Reo Māori level 1, mostly excellence, or a pass in a school placement test, or by permission of Head of School

R: MAOR 106, MAOR 110, MAOR 112, MAOR 115, MAOR 125, MAOR 126.

TREG112-13S2 (C) Semester 2

TREG 180 He Wananga Reo - Immersion 1 15 Points 0.1250 EFTS

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 and 3 students in a tuakana/teina based environment to actively promote conversational Māori language that has been learnt in previous language courses. Students will also learn skills associated with basic conversation; mihimihi and games to accentuate their language knowledge foundation. Students must have already attained a beginners level of te reo Māori at a tertiary level to enrol in this course.

P: With the permission of the Head of School or the Undergraduate Te Reo Māori Coordinator.

TREG180-13SU1 (C) Summer (Jan 13)

TREG 220 Māori and Indigenous Language Revitalisation

15 Points 0.1250 EFTS

Not offered in 2013

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: Any 15 points in 100-level course in Aotahi: School of Māori and Indigenous Studies or 30 points in 100-level courses in Arts, Education, Fine Arts, Music and Social Work, or by permission of the Head of School.

R: MAOR 220, LING 209

EQ: MAOR 220

TREG 260 Te Reo: Te Pihinga - Intermediate Language

45 Points 0.3750 EFTS

This course continues the study of the structure of the language and extends your speaking skills. The course aims to increase the range and fluency of conversational ability to help acquire the skills for formal speech at an appropriate level and lay the groundwork for future growth.

P: MAOR 110 or MAOR 112 or MAOR 115 or MAOR 125 or MAOR 126 or MAOR 160 or MAOR 251 or TREG 112, or 18 credits NCEA Te Reo Rangatira level 1, or a placement test, or with prior learning and ability by permission of Head of School.

R: MAOR 260

EQ: MAOR 260

TREG260-13W (C) Whole Year (S1 and S2)

TREG 280 He Wananga Reo - Immersion 2 15 Points 0.1250 EFTS

A paper 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 and 3 students in a tuakana/teina based system to encourage conversational Māori language that has been learnt in previous language papers. Students will also learn skills including mihimihi; korero paki; whakatauki and kiwaha and the use of waiata to add to their knowledge of te reo Māori. Students must have already attained an

intermediate level of te reo Māori at a tertiary level to successfully participate in this paper.

P: TREO 260 or equivalent via approval of the Undergraduate Te Reo Māori Coordinator.

TREO280-13SU1 (C) Summer (Jan 13)

TREO 282 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 a-ringa (action song), haka and the art of warfare, mau rakau (weaponry - ti rakau, titi torea, hapai rakau, taihaha, 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, Ruaumoko, E rere te ao, Kā eke ki Wairaka.

P: Any 15 points in 100-level course in Aotahi: School of Māori and Indigenous Studies or or 30 points in 100-level courses in Arts, Education, Fine Arts, Music and Social Work, or by permission of the Head of School.

R: MAOR 265, MAOR 282, TREO 382

EQ: MAOR 282

TREO282-13S2 (C) Semester 2

TREO 360 Te Reo: Te Mahuri: Advanced Māori Language

60 Points 0.5000 EFTS

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 ancient 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 topics to be decided. The language of instruction is the Māori language. At times work will be done in groups, pairs or individually.

P: TREO 260, MAOR 260, MAOR 325 or MAOR 350 or 20 credits NCEA Te Reo Rangatira Level 2, or a placement test, or with prior learning and ability by permission of Head of School.

R: MAOR 325, MAOR 350, MAOR 360

EQ: MAOR 360

TREO360-13W (C) Whole Year (S1 and S2)

TREO 380 He Wananga Reo - Immersion 3

30 Points 0.2500 EFTS

This paper is aimed at students who have an advanced understanding in speaking te reo Māori. Set in a total immersion environment and based on a tuakana/teina system, an integral part of this course is to support and work with level 1 and 2 students to promote conversational Māori language that has been learnt in previous language papers. Students will also learn techniques related to mihi; korero opaki and nga korero o te kauta to emphasise their

knowledge base of te reo Māori. Students must have already attained a level of te reo Māori at a tertiary level where they can converse in te reo to successfully participate in this paper

P: With the permission of the Head of School or the Undergraduate Te Reo Māori Coordinator.

TREO380-13SU1 (C) Summer (Jan 13)

TREO 382 Mahi-a-Rehia: Advanced Māori Performing Arts

30 Points 0.2500 EFTS

Not offered in 2013

Designed for experienced performers, this course explores advanced elements of moteatea, waiata a-ringa, poi, haka, mau rakau. New material includes taonga puoro (purerehua, hue, putatara, pukaea, koauau and putorino), kakahu (costume), te whare tapere (performance space), drama and theatre, and Polynesian performing arts (Hawaii, Tahiti). Students learn ancient, historical and sacred classic tribal anthems including: Ka riro ra Pou, Wairangi, Te tau o Mataatua, Hei te po, Mangumangu taipo, Pinepine te kura, Ka eke ki Wiwi, Poia Taku Poi and Kura tiwaka. Students are taught composition, texts and the poetry, imagery and symbolism of song and compose a short original waiata.

P: Any 15 points in 200-level courses in Aotahi: School of Māori and Indigenous Studies or 30 points in 200-level courses in Arts, Education, Fine Arts, Music and/or Social Work, or by permission of the Head of School.

R: MAOR 382

EQ: MAOR 382

ARTS 395 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: Special application and interview, with permission of Internship Director.

RP: Students should attend UC Careers CV writing and Interview skills workshops prior to submitting internship application.

ARTS395-13S1 (C)

Semester 1

ARTS395-13A (C)

Starts Any time

ARTS395-13S2 (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 www.arts.canterbury.ac.nz/internship 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.

TREO 401 Te Reo: Te Kohure

0.2500 EFTS

This is an advanced-level course in te reo Māori. Te Kohure is the final level of the Te Whanake language programme. The course aims to attain high language proficiency and fluency. Topics include: kiwaha/idioms, whakatauki and whakatauaki/proverbs, kupu whakarite/analogy, tongi and kupu whakaari/prophetic sayings, korero paki/humorous sayings; korero o nehera, whakapapa, mana and tapu, religious beliefs, te taenga mai a te Pakeha, the study of celestial bodies, leadership, the teachings of prophets and tohunga, haka and waiata; composing and delivering formal and informal prose such as whaikorero, poroporoaki mihi mate (eulogies), invitations, notices, advertisements and general speech-making.

P: Subject to approval of the Head of School.

R: MAOR 408, EDEM 660

EQ: MAOR 408, EDEM 660

TREO401-1352 (C)

Semester 2

TREO 402 Te Reo me Te Tikanga o Te Marae

0.2500 EFTS

Not offered in 2013

The emphasis of this course is to learn about key Māori protocols of the marae, particularly the whaikorero, karanga and kawa. Topics include: The realms of Tu and Rongo, tauutuutu and paeke, and tapu and noa. Students will also study the appropriate use of rakau and weaponry to emphasise whaikorero, waiata, whakapapa, karakia, pepeha, whakatauki, kupu whakarite and tauparapara.

P: Subject to approval of the Head of School.

R: MAOR 407

EQ: MAOR 407

TREO 403 He Wananga

0.2500 EFTS

Not offered in 2013

An advanced course in Māori philosophical and conceptual thought and beliefs. Students will examine manuscripts from traditional wananga. The course includes noho teaching with experts in te reo Māori from other universities and institutions. Wananga will critically examine conceptual paradigms in terms of their traditional origins, adaptations and applications in the contemporary world.

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

TREO 404 Mahi-a-Rehia: Moteatea

0.2500 EFTS

Not offered in 2013

This course examines the texts and singing of traditional moteatea (Māori poetry and song). It focuses on the context, style and purpose of moteatea, the pre-European and post-European history of moteatea, and composition and performance. The course will enhance the ability of

students to transcribe, translate and annotate and therefore understand the ancient texts of moteatea, while teaching them how to perform these to a high level.

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

R: MAOR 405

EQ: MAOR 405

TREO 405 Te Whakaora: Language Revitalisation

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: Kohanga 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 the approval of the Head of School.

R: EDEM 657, EDHP 702

EQ: EDEM 657, EDHP 702

TREO405-1352 (C)

Semester 2

TREO 406 Special Topic: Nga Tuhinga Tuaiho: Manuscripts in Māori

0.2500 EFTS

Not offered in 2013

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 the approval of the Head of School.

R: MAOR 415

EQ: MAOR 415

TREO 407 Waka Huia

0.2500 EFTS

A transcription, translation and annotation project using the School's collection of Waka Huia tapes.

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

R: MAOR 416

EQ: MAOR 416

TREO407-1351 (C)

Semester 1

TREO 480 Rangahau - Research Project

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: Students need to obtain a supervisor from the School and submit a two to three page research proposal and have

this approved by the Head of School and/or postgraduate coordinator before the beginning of the first week of the semester.

TREO480-13W (C)	Whole Year (S1 and S2)
TREO480-13S1 (C)	Semester 1
TREO480-13S2 (C)	Semester 2

TREO 690 MA Thesis 1.0000 EFTS

P: Subject to the Head of Department.

TREO690-13A (C) Starts Any time
Part-time enrolment (0.65 EFTS) is available on approval.

TREO 590 Rangahau - Major Research Dissertation 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: Students need to obtain a supervisor from the School and submit a proposal for approval by the Head of School by the beginning of the academic year.

RP: Dialogue with an appropriate staff member in Aotahi and 2-3 page proposal.

TREO590-13W (C) Whole Year (S1 and S2)

TREO 591 Rangahau - Minor Research Dissertation 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: Students need to obtain a supervisor from the School and submit a proposal for approval by the Head of School by the beginning of the academic year.

RP: Dialogue with an appropriate staff member in Aotahi. 2-3 page proposal.

TREO591-13W (C) Whole Year (S1 and S2)

TREO 592 Rangahau - Research Paper 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: Students need to obtain a supervisor from the School and submit a proposal for approval by the Head of School by the beginning of the academic year.

RP: Dialogue with an appropriate staff member in Aotahi and 2-3 page proposal.

TREO592-13S1 (C) Semester 1

TREO 593 Rangahau - Research Paper 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: Students need to obtain a supervisor from the School and submit a proposal for approval by the Head of School by the beginning of the academic year.

RP: Dialogue with an appropriate staff member in Aotahi and 2-3 page proposal.

TREO593-13S2 (C) Semester 2

Theatre and Film Studies

Centre for Fine Arts, Music and Theatre

TAFS 101 Performance 0.1250 EFTS

15 Points
An introduction to theatre and film as performance studies. Practical work required.

TAFS101-13S1 (C) Semester 1

TAFS 103 New Zealand Theatre and Performance 0.1250 EFTS

15 Points
Not offered in 2013
This course studies theatre and performance as manifestations and explorations of cultural identity in New Zealand. Practical work is required.

TAFS 105 Special Topic: Puppets, Animated Film & Gaming 0.1250 EFTS

15 Points
An introduction to the performance of the inanimate through theatre, film and digital technologies. Practical work is required.

R: TAFS 322 (for 2012 only)

TAFS105-13S2 (C) Semester 2

TAFS 231 Theatre: Mask and Character 0.2500 EFTS

30 Points
An introduction to the history of theatre from religious ritual to social role. Practical work is required.

P: Any 60 points, or equivalent preparation with approval of the Programme Coordinator.

R: TAFS 208

RP: TAFS 101

TAFS231-13S1 (C) Semester 1

TAFS 232 Theatre: Realism and Beyond

30 Points 0.2500 EFTS

An investigation of imitation and representation in theatre from European naturalism to New Zealand drama. Practical work is required.

P: Any 60 points, or equivalent preparation with permission of the Programme Coordinator.

R: TAFS 209

RP: TAFS 101

TAFS232-13S2 (C) Semester 2

TAFS 241 Film As Spectacle and As Story

30 Points 0.2500 EFTS

An introduction into performance of and in film: from the attraction of the moving pictures to the illusion of narrative cinema. Practical work required.

P: Any 60 points, or equivalent preparation with permission of the Programme Coordinator.

R: TAFS 216, TAFS 320 (in 2012 only)

RP: TAFS 101

TAFS241-13S1 (C) Semester 1

TAFS 242 Popular and Art Film

30 Points 0.2500 EFTS

An exploration of generic and authentic performance modes and of the alternate kinds of pleasure afforded by the genre film and the auteur film. Practical work required.

P: Any 60 points, or equivalent preparation with permission of the Programme Coordinator.

R: TAFS 217; TAFS 321 for 2012 only

RP: TAFS 101

TAFS242-13S2 (C) Semester 2

TAFS 243 Animated Film

30 Points 0.2500 EFTS

Not offered in 2013
This course offers an in-depth exploration of the history and theory of animated film from popular culture to the avant-garde. Practical work is required.

P: Any 60 points, or equivalent preparation with permission of the Programme Coordinator.

R: TAFS 218

RP: TAFS 101

TAFS 250 Performing the Holocaust in Theatre & Film

30 Points 0.2500 EFTS

An investigation into what happens when the Holocaust is made into theatrical or filmic entertainment. Practical work required.

P: Any 60 points, or equivalent preparation with permission from the Programme Coordinator.

R: TAFS 350

RP: TAFS 101

TAFS250-13S1 (C) Semester 1

TAFS 251 The Performance of the Body in Theatre & Film

30 Points 0.2500 EFTS

This course investigates the ways the body is presented both as a meaningful object in itself and as a vehicle for the production of meaning in theatre and film. Practical work is required.

P: Any 60 points, or equivalent preparation with permission from the Programme Coordinator.

R: TAFS 351

RP: TAFS 101

TAFS251-13S2 (C) Semester 2

TAFS 301 Theory and Practice of Modern Theatre

60 Points 0.5000 EFTS

Not offered in 2013

The purpose of this course is to study the foremost exponents of modern theatre and to test their theories in experimental group work. Practical theatre work is required. Interview required.

P: 1) Both TAFS 231 and TAFS 232; or both TAFS 208 and TAFS 209; or equivalent preparation with approval of the Programme Coordinator. 2) Interview with Course Coordinator and approval by Programme Coordinator required. Students should contact the Programme Coordinator for Theatre and Film Studies.

TAFS 311 Film and Modernity

30 Points 0.2500 EFTS

Not offered in 2013

An investigation into avant-garde and popular constructions of modernity in film and into major modes of modernist performance. Practical work required.

P: Both TAFS 241 and TAFS 242; or both TAFS 216 and TAFS 217; or appropriate courses in film studies or related areas as approved by the Programme Coordinator.

R: CULT 311.

EQ: CULT 311

TAFS 320 Special Topic: Film As Spectacle and As Story

30 Points 0.2500 EFTS

Not offered in 2013

P: Appropriate courses in film studies or related areas at 200-level as approved by the Programme Coordinator.

TAFS 321 Special Topic: Popular and Art Film

30 Points 0.2500 EFTS

Not offered in 2013

P: Appropriate courses in film studies or related areas at 200-level as approved by the Programme Coordinator.

R: TAFS 221

TAFS 322 Special Topic: Puppets, Animated Film & Gaming

30 Points 0.2500 EFTS

Not offered in 2013

P: Appropriate courses in film studies or related areas at 200-level as approved by the Programme Coordinator.

TAFS 323 Independent Course of Study
 30 Points 0.2500 EFTS
 P: Permission of the Programme Coordinator required.
TAFS323-13S1 (C) Semester 1

TAFS 350 Performing the Holocaust in Theatre & Film
 30 Points 0.2500 EFTS
 An investigation into what happens when the Holocaust is made into theatrical or filmic entertainment. Practical work required.
 P: Any 60 points, or equivalent preparation with permission from the Programme Coordinator.
 R: TAFS 250
 RP: TAFS 101
TAFS350-13S1 (C) Semester 1

TAFS 351 The Performance of the Body in Theatre & Film
 30 Points 0.2500 EFTS
 P: Any 60 points, or equivalent preparation with permission from the Programme Coordinator.
 R: TAFS 251
 RP: TAFS 101
TAFS351-13S2 (C) Semester 2

ARTS 395 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: Special application and interview, with permission of Internship Director.
 RP: Students should attend UC Careers CV writing and Interview skills workshops prior to submitting internship application.
ARTS395-13S1 (C) Semester 1
ARTS395-13A (C) Starts Any time
ARTS395-13S2 (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 www.arts.canterbury.ac.nz/internship 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.

TAFS 401 Detailed Study of a Theatre/Film Director
 0.2500 EFTS
 Students are given the opportunity to study the work and ideas of selected theatre and film directors in depth. Practical theatre/film work is required.
 P: Subject to approval of the Head of Department.
TAFS401-13S1 (C) Semester 1

TAFS 402 The Display of the Body in Performance
 0.2500 EFTS
 This course explores the presentation of the human body as it represents aesthetic, philosophical and cultural values. Fieldwork is required.
 P: Subject to approval of the Head of Department.
 R: CULT 403
 EQ: CULT 403
TAFS402-13S2 (C) Semester 2

TAFS 403 Greek and Roman Theatre
 0.2500 EFTS
 Studies in text and theory of performance.
 P: Subject to approval of the Head of Department.
 R: CLAS 412
 EQ: CLAS 412
TAFS403-13S1 (C) Semester 1

TAFS 404 Special Topic
 0.2500 EFTS
 P: Subject to approval of the Head of Department.
TAFS404-13W (C) Whole Year (S1 and S2)

TAFS 405 Supervised Research
 0.2500 EFTS
 P: Subject to approval of the Head of Department.
TAFS405-13W (C) Whole Year (S1 and S2)
TAFS405-13S1 (C) Semester 1
TAFS405-13S2 (C) Semester 2

TAFS 410 Special Topic: Transitional City
 0.2500 EFTS
 P: Subject to approval of the Head of Department.
TAFS410-13S1 (C) Semester 1

TAFS 411 Special Topic: Performing Māori
 0.2500 EFTS
 This course introduces students to performance ethnography. Fieldwork is required.
 P: Subject to approval of the Head of Department.
TAFS411-13S1 (C) Semester 1

TAFS 412 Special Topic

0.2500 EFTS

P: Subject to approval of the Head of Department.

TAFS412-13S2 (C) Semester 2

TAFS 480 Practical Research Project: Direction of a Project

0.2500 EFTS

Each student will be involved in producing and directing a stage or film project during the graduate year. All TAFS 480 projects must be as approved by the Head of Department.

P: Subject to approval of the Head of Department.

TAFS480-13S2 (C) Semester 2

TAFS 690 M.A. Thesis

1.0000 EFTS

P: Subject to approval of the Head of Department.

TAFS690-13A (C) Starts Any time

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

TAFS 790 Theatre and Film Studies PhD

1.0000 EFTS

P: Subject to approval of the Head of Department.

TAFS790-13A (C) Starts Any time

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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Transportation Engineering

Department of Civil and Natural Resources Engineering

ENTR 401 Fundamentals of Transport Engineering

15 Points 0.1250 EFTS

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: ENCI 412

ENTR401-13A (C) Starts Any time

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.

ENTR 602 Accident Reduction and Prevention

0.1000 EFTS

Not offered in 2013

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.

ENTR 603 Advanced Pavement Design

0.1000 EFTS

Not offered in 2013

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.

ENTR 604 Road Asset Management

0.1000 EFTS

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.

ENTR604-13A (C) Starts Any time

ENTR 607 Special Topic in Transport Engineering

0.1000 EFTS

Used for one off courses or individualised study for a student. Please refer to the Director of Transportation Engineering regarding availability.

P: Subject to approval of the Programme Director.

ENTR607-13A (C) Starts Any time

ENTR607-13S1 (C) Semester 1

ENTR 608 Special Topic in Transport Engineering

0.1000 EFTS

Used for one off courses or individualised study for a student. Please refer to the Director of Transportation Engineering regarding availability.

P: Subject to approval of the Programme Director.

ENTR608-13A (C) Starts Any time

ENTR608-13S2 (C) Semester 2

ENTR 609 Special Topic

0.1000 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.

ENTR609-13A (C) Starts Any time
ENTR609-13W (C) Whole Year (S1 and S2)

ENTR 610 Special Topic

0.1000 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.

ENTR610-13A (C) Starts Any time

ENTR 611 Planning and Managing for Transport

0.1000 EFTS

Road and transport administration in New Zealand; Transport legislative environment in New Zealand; 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.

ENTR611-13A (C) Starts Any time

ENTR 612 Transport Policy and Demand Management

0.1000 EFTS

Not offered in 2013

Transport economics; Travel demand management; Transport policy objectives and instruments; Traffic management modelling.

P: Subject to approval of the Programme Director.

R: ENTR 601

ENTR 613 Highway Geometric Design

0.1000 EFTS

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.

ENTR613-13A (C) Starts Any time

ENTR 614 Planning and Design of Sustainable Transport

0.1000 EFTS

Not offered in 2013

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.

ENTR 615 Transport Network Modelling

0.1000 EFTS

Not offered in 2013

Principles of transport modelling; Road network modelling; Macro-simulation and microsimulation; Traffic intersection modelling; Transport network analysis and reliability.

P: Subject to approval of the Programme Director.

ENTR 616 Advanced Transport Planning and Modelling

0.1000 EFTS

Urban transport planning models; Geographic information systems; Travel demand modelling and prediction; Project appraisal; Advanced traffic/transport modelling.

P: Subject to approval of the Programme Director.

R: ENTR 605

ENTR616-13A (C) Starts Any time

ENTR 617 Traffic Engineering and Design

0.1000 EFTS

Traffic flow and queuing theory; Traffic study design and analysis; Local area traffic management; Traffic signal design and implementation; Intersection safety and case studies; Parking planning and design; Traffic detection and Intelligent Transport Systems.

P: Subject to approval of the Programme Director.

R: ENTR 606

ENTR617-13A (C) Starts Any time

ENTR 618 Transport and Freight Logistics

0.1000 EFTS

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.

ENTR618-13A (C) Starts Any time

ENTR 620 Independent Course of Study

0.1000 EFTS

Independent course of study in a special topic.

P: Subject to approval of the Programme Director.

ENTR620-13A (C) Starts Any time
ENTR620-13W (C) Whole Year (S1 and S2)
ENTR620-13S1 (C) Semester 1
ENTR620-13S2 (C) Semester 2

ENTR 680 Project

0.5000 EFTS

P: Subject to approval of the Programme Director.

ENTR680-13A (C) Starts Any time
ENTR680-13W (C) Whole Year (S1 and S2)

ENTR 690 MET Thesis (full-time)

1.0000 EFTS

P: Subject to approval of the Programme Director.

ENTR690-13A (C) Starts Any time

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

ENTR 790 Transportation Engineering PhD

1.0000 EFTS

P: Subject to approval of the Programme Director.

ENTR790-13A (C) Starts Any time

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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Zoology

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.

ZOOL 480 Research Project

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 BIOL 401-409, BIOL 430-433, BIOL 450-452, BIOL 470-476, BIOL 490.

P: Subject to approval of the Head of School.

EQ: ZOOL 471

ZOOL480-13W (C) Whole Year (S1 and S2)

ZOOL 690 MSc Thesis

1.0000 EFTS

P: Subject to approval of the Head of School.

ZOOL690-13A (C) Starts Any time

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

ZOOL 790 Zoology PhD

1.0000 EFTS

P: Subject to approval of the Head of School.

ZOOL790-13A (C) Starts Any time

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 Student Visa pay the Domestic Fee for this course. International fees apply for all other courses.*