Course Catalogue

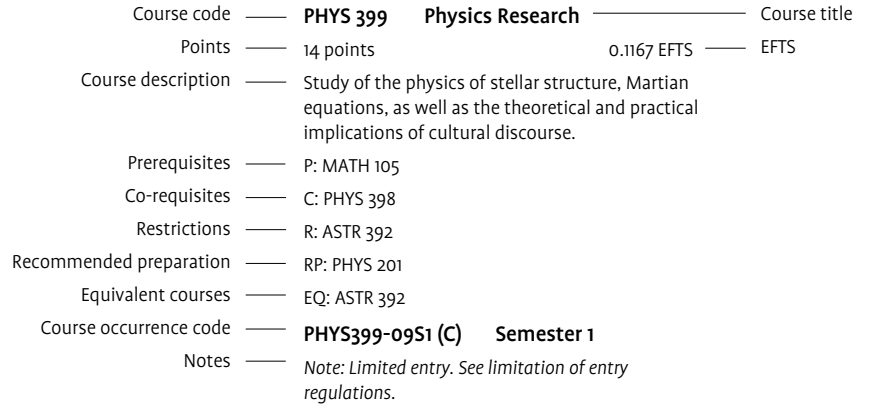
Course information in the UC Calendar is, as far as possible, accurate up to October 2008. However, course information is subject to change. Please check www.canterbury.ac.nz/courses for the latest course information.

Page	Subject
463	Accounting and Information Systems
468	American Studies
474	Antarctic Studies
475	Anthropology
479	Applied Psychology
480	Arabic
481	Art Curatorship
481	Art History and Theory
484	Art History
485	Art Theory
486	Astronomy
488	Audiology
490	Biochemistry
492	Bioengineering
492	Biological Sciences
499	Biosecurity
499	Biotechnology
499	Business Administration
504	Cellular and Molecular Biology
505	Chemical and Process Engineering
509	Chemistry
514	Chinese
517	Civil Engineering
523	Classics
528	Communication Disorders
531	Computational and Applied Mathematics
531	Computer Engineering
532	Computer Science
537	Cultural Studies
541	Development Studies
541	Diplomacy and International Relations
543	Ecology
544	Economics
549	Education
621	Electrical and Electronic Engineering
626	Electronics
628	Engineering
629	Engineering Geology
631	Engineering Management
631	Engineering Mathematics
634	English
640	English for Tertiary Studies (pre-entry)
641	Environmental Science
641	European Languages and Cultures
642	European Union Studies
644	European Studies
646	Film
647	Finance
648	Fine Arts Intermediate
648	Fire Engineering
649	Forest Engineering
651	Forestry
656	Foundation Studies (pre-entry)
658	French
660	Gender Studies
665	Geography
671	Geology
675	German

Page	Subject
678	Graphic Design
678	Hazard and Disaster Management
679	Health Sciences
682	Higher Education
683	History
693	History and Philosophy of Science
695	Human Services
700	International Law and Politics
702	Italian
702	Japanese
707	Journalism
708	Korean
708	Languages and Cultures
708	Law
717	Linguistics
720	Management
726	Management Science
729	Maori and Indigenous Studies
733	Maori
734	Mass Communication
738	Mathematical Physics
738	Mathematics
745	Mathematics and Philosophy
745	Mechanical Engineering
751	Mechatronics Engineering
751	Medical Physics
752	Medical Physics (Clinical)
753	Microbiology
753	Music
760	Natural Resources Engineering
762	Pacific Studies
763	Painting
764	Peace Studies
764	Philosophy
770	Photography
770	Physics
775	Plant Biology
775	Political Science
783	Printmaking
784	Psychology
790	Religious Studies
793	Russian
795	Science and Entrepreneurship
795	Science Education
795	Science, Maori and Indigenous Knowledge
796	Sculpture
796	Seafood Sector: Management and Science
796	Social Work
802	Sociology
812	Soil Science
812	South Asia Studies
814	Spanish
816	Speech and Language Therapy
816	Statistics
819	Te Reo Maori
821	Theatre and Film Studies
823	Transportation Engineering
825	University Preparation
827	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

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 399-08SU2 (C) Summer (Nov08)

The course occurrence code is made up of the course code (eg, PHYS 399), the year it is being offered in (eg, 08 = 2008), a semester indicator (eg, SU2 = Summer course with a November 08 start date) and a site indicator (eg, C = Christchurch) – see page 5 for a list of official course start dates and page 17 for a list of 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 2009 dates

Semester Indicator	Semester Description	Official course start date	Official course finish date
S1	Semester One	23 February	28 June
S2	Semester Two	13 July	15 November
W	Whole Year	23 February	15 November
A	Any Time Start	Various	Various
CY	Cross Year	13 July	4 July 2010
E1	CertETS One	23 February	31 May
E2	CertETS Two	22 June	27 September
E3	CertETS Three	19 October	31 January 2010
F1	Foundation One	23 February	31 May
F2	Foundation Two	22 June	27 September
F3	Foundation Three	19 October	31 January 2010
FY	Full Year	23 February	21 February 2010
M1	MBA One	2 February	3 May
M2	MBA Two	25 May	23 August
M3	MBA Three	7 September	29 November
P1	CUP One	23 February	31 May
P2	CUP Two	22 June	27 September
P3	CUP Three	19 October	31 January 2010
SU1	Summer (January 2009 start)	Various	Various
SU2	Summer (November 2008 start)	Various	Various
T1	Term One	Various	Various
T2	Term Two	Various	Various
T3	Term Three	Various	Various
T4	Term Four	Various	Various
X	General non-calendar-based*	Various	Various
YA	Full Year A	2 February	22 November
YC	Full Year C	9 February	15 November
YC1	Year C First Half	9 February	21 June
YC2	Year C Second Half	6 July	15 November
YD	Full Year D	16 February	15 November
YD1	Year D First Half	16 February	5 July
YD2	Year D Second Half	20 July	15 November

Notes: *These important dates were accurate as at 31 July 2008. All dates are 2008 unless otherwise noted. Any changes will be updated on www.canterbury.ac.nz/enrol/dates.shtml. Please go online to check your dates. Some programmes have special application dates – check pages 52–57 of the Admission Regulations. Final date to enrol and withdraw with full refund is the second Friday from the official course start date with the exception of summer courses, short courses, field trips and teaching practices. There is no provision to withdraw from a teaching practice or field trip once the course has commenced. College of Education semester dates may vary slightly from the dates given.*
**Refer to the Course Information System (www.canterbury.ac.nz/courses) for dates.*

Site codes

Code	Description	Code	Description
C	Christchurch, on-campus	T	Tauranga
D	Distance	Y	New Plymouth
N	Nelson	P	Christchurch Polytechnic Institute of Technology (CPIT)
R	Rotorua	O	Off Campus (TAFS)

Accounting and Information Systems

Department of Accounting and Information Systems

ACIS 102 Accounting and Financial Information

18 points 0.1500 EFTS

An introduction to business information; financial reports; emerging issues in reporting; cost/volume/profit analysis, cost flows, budgeting; time value of money, project evaluation and cost of capital.

R: AFIS 101, AFIS 102, AFIS 111, AFIS 122, AFIS 132, AFIS 188.

ACIS102-09S1 (C) **Semester 1**

ACIS102-09S2 (C) **Semester 2**

ACIS 103 Introduction to Financial Accounting

18 points 0.1500 EFTS

Accounting processes, preparation and analysis of financial reports, the reporting framework.

P: ACIS 102 or AFIS 102 or AFIS 188

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

ACIS103-09SU1 (C) **Summer (Jan 09)**

ACIS103-09S1 (C) **Semester 1**

ACIS103-09S2 (C) **Semester 2**

ACIS 123 Information Systems and Technology

18 points 0.1500 EFTS

Introduction to business information systems and technology; develop a working knowledge of computer systems, business applications and information technology.

R: AFIS 101, AFIS 123, AFIS 124

ACIS123-09S1 (C) **Semester 1**

ACIS123-09S2 (C) **Semester 2**

ACIS 125 Introduction to Programming with Databases

18 points 0.1500 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: AFIS 125

ACIS125-09S2 (C) **Semester 2**

ACIS 152 Law and Business

18 points 0.1500 EFTS

Introduction to the legal environment of business in New Zealand including the Treaty of Waitangi and the Bill of Rights. Concepts of property, aspects of consumer law and the law of torts.

R: AFIS 151, AFIS 152

ACIS152-09S1 (C) **Semester 1**

ACIS 203 Information Systems Analysis and Design

22 points 0.1833 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 alternatives; communication skills and project management.

P: ACIS 123 or AFIS 123 or AFIS 124 or AFIS 101, or 36 points in COSC.

R: AFIS 203, AFIS 223

ACIS203-09S2 (C) **Semester 2**

ACIS 211 Financial Accounting

22 points 0.1833 EFTS

The formation of companies; profit determination; presentation of accounts, including group accounts and cash flow statements.

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

R: AFIS 211

ACIS211-09S2 (C) **Semester 2**

ACIS 213 Object-Oriented Systems Development

22 points 0.1833 EFTS

Object-oriented analysis, design and development. Includes a development project of the student's own choice. Prior programming experience not essential.

P: ACIS 123 or AFIS 123 or AFIS 124 or AFIS 101, or 36 points in COSC. From 2010 ACIS 125 or AFIS 125 will be an additional prerequisite for ACIS 213.

R: AFIS 213 and AFIS 223 after 1996.

ACIS213-09S1 (C) **Semester 1**

ACIS 222 Management Accounting

22 points 0.1833 EFTS

Cost concepts, systems and estimation, inventory control, budgets, strategic planning, cost/volume/profit analysis, pricing.

P: One of AFIS 101, ACIS 103, AFIS 103, AFIS 111, AFIS 122, AFIS 132 or (AFIS 121 and AFIS 102). (For non Accounting Majors either ACIS 102 or AFIS 102 or AFIS 188).

R: AFIS 222

ACIS222-09S1 (C) **Semester 1**

ACIS 233 Foundations of Electronic Commerce

22 points 0.1833 EFTS

An introduction to the principles of electronic commerce and the development of commercial applications based on Internet and World Wide Web technologies.

P: ACIS 123 or AFIS 123 or AFIS 124 or AFIS 101 or 36 points of COSC. From 2010 ACIS 125 or AFIS 125 will be an additional prerequisite for ACIS 233.

R: AFIS 233

ACIS233-09S1 (C) **Semester 1**

ACIS 243 Accounting Information Systems
22 points 0.1833 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 ACIS 103, AFIS 101, AFIS 103, AFIS 111, AFIS 121, AFIS 122, AFIS 131, AFIS 132; (2) ACIS 123, AFIS 123 or AFIS 124.
R: AFIS 243
ACIS243-09S2 (C) **Semester 2**

ACIS 252 Law of Business Contracts
11 points 0.0917 EFTS
This course considers the general principles of contract law and the law of principal and agent.
P: ACIS 152 or AFIS 152 or LAWS 101.
R: AFIS 151, AFIS 252, LAWS 203.
ACIS252-09S2 (C) **Semester 2**

ACIS 254 Introduction to Taxation
22 points 0.1833 EFTS
The general principles of taxation, income tax, goods and services tax, fringe benefits tax, taxation of various entitites, disputes, avoidance and evasion.
P: One of ACIS 103, AFIS 103, AFIS 101, AFIS 111, AFIS 122, AFIS 132 or (AFIS 121 and AFIS 102).
C: One of ACIS 152, AFIS 152, AFIS 151, LAWS 101.
R: AFIS 254
ACIS254-09S1 (C) **Semester 1**

ACIS 255 Law of Marketing and Fair Trading
22 points 0.1833 EFTS
This course considers aspects of marketing law, including the Fair Trading Act 1986 and other relevant statutory and common law provisions.
P: Any 36 points from courses in the BCom Schedule, or LAWS 101.
R: AFIS 251, AFIS 255
RP: AFIS 151, AFIS 152 or ACIS 152
ACIS255-09S2 (C) **Semester 2**

ACIS 256 Law of Business Organisations
11 points 0.0917 EFTS
This course considers aspects of the law relating to companies, partnerships, and other trading structures.
P: One of ACIS 152, AFIS 151, AFIS 152, LAWS 101.
R: AFIS 253, AFIS 256, LAWS 312
ACIS256-09S2 (C) **Semester 2**

ACIS 303 Management of Information Systems and Technology
28 points 0.2333 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) ACIS 203 or AFIS 203 or ACIS 213 or AFIS 213 or ACIS 233 or AFIS 233; (2) 22 points from 200 level ACIS, AFIS, MGMT, COSC or MSCI
R: AFIS 303, AFIS 503
ACIS303-09S1 (C) **Semester 1**

ACIS 311 Financial Accounting Theory
14 points 0.1167 EFTS
Develops understanding of accounting theory and its effect on financial accounting, and of accounting issues facing the profession.
P: ACIS 211 or AFIS 211
R: AFIS 301, AFIS 311, AFIS 501.
ACIS311-09S1 (C) **Semester 1**

ACIS 312 Advanced Financial Accounting
14 points 0.1167 EFTS
Develops advanced understanding and abilities in aspects of financial accounting, including financial instruments, tax effect accounting and foreign exchange.
P: ACIS 211 or AFIS 211
R: AFIS 301, AFIS 312, AFIS 501.
ACIS312-09S2 (C) **Semester 2**

ACIS 313 Information Systems Project Management
28 points 0.2333 EFTS
This course is aimed to develop an understanding of the role and responsibilities of a project manger, the challenges of IS project management, and the tools and techniques for successful IS project management.
P: (ACIS 203 or AFIS 203 or ACIS 213 or AFIS 213 or ACIS 233 or AFIS 233) plus 22 points from (ACIS 203, AFIS 203, ACIS 213, AFIS 213, ACIS 233, AFIS 233, MGMT 206, MGMT 207, MGMT 208, MSCI 210, MSCI 220, or COSC 200-level)
R: AFIS 313, AFIS 513, MSCI 322, MSCI 324
ACIS313-09S2 (C) **Semester 2**

ACIS 316 Public Management
14 points 0.1167 EFTS
Theories and practice of management and governance in the public sector.
P: Any 54 points from (POLS, MGMT, ACIS, AFIS, LAWS 206). At least 22 of these points must be at 200 level.
R: AFIS 316, AFIS 516, POLS 316
ACIS316-09S2 (C) **Semester 2**

ACIS 323 e-Business Systems: Design, Management and Security

28 points 0.2333 EFTS

Analysis and design of secure e-Business systems including security policy and network management.

P: (1) ACIS 233 or AFIS 233; (2) 22 points from (ACIS 203, AFIS 203, ACIS 213, AFIS 213, AFIS 223, COSC 224, COSC 225, COSC 226, COSC 227, COSC 231).

R: AFIS 323, AFIS 523, COSC 332

ACIS323-09W (C) **Whole Year (S1 and S2)**

ACIS 330 Special Topic

28 points 0.2333 EFTS

P: Subject to approval of the Head of Department

ACIS330-09S1 (C) **Semester 1**

ACIS 331 Special Topic

28 points 0.2333 EFTS

P: Subject to approval of the Head of Department

R: AFIS 331

ACIS331-09S1 (C) **Semester 1**

ACIS 332 Advanced Management Accounting

14 points 0.1167 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) (ACIS 222 or AFIS 222) and (2) (ACIS 103 or AFIS 103 or AFIS 121)

R: AFIS 322, AFIS 332, AFIS 522.

ACIS332-09S2 (C) **Semester 2**

ACIS 340 Special Topic: Social and Environmental Reporting

14 points 0.1167 EFTS

Not Offered in 2009

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) 36 points from the following 100-level courses: (ACIS 102 or AFIS 102), AFIS 121, AFIS 122, AFIS 188, ECON 105, MGMT 101 or POLS 103; (2) At least 44 points at 200-level. Students without part (1) of this pre-requisite but with 36 points in other appropriate courses (e.g. in science or technology) may enter the course with the permission of the Head of Department.

R: AFIS 340

ACIS 341 Special Topic: Public Accounting and Finance

14 points 0.1167 EFTS

A student-centred learning experience taking in NZ and other Pacific jurisdictions, to examine the roles and practices of accounting and finance among political, official and professional actors in various branches of governments, social enterprises and multilateral organisations.

P: (1) 36 points from the following (ACIS 102 or AFIS 102), AFIS 121, AFIS 122, AFIS 188, ECON 105, MGMT 101 or POLS 103; (2) A further 44 points of study above 100-level in courses prefixed ACIS, AFIS, ECON, MGMT and POLS. Students without part (1) of this pre-requisite but with 36 points in other appropriate courses may enter the course with the permission of the Head of Department.

R: AFIS 341

ACIS341-09S1 (C) **Semester 1**

ACIS 342 Contemporary Issues in Management Accounting

14 points 0.1167 EFTS

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

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

R: AFIS 322, AFIS 342, AFIS 522.

ACIS342-09S1 (C) **Semester 1**

ACIS 346 Auditing

14 points 0.1167 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) ACIS 123 or AFIS 123, (2) ACIS 211 or AFIS 211.

R: AFIS 306, AFIS 346, AFIS 506.

RP: ACIS 243 or AFIS 243.

ACIS346-09S1 (C) **Semester 1**

ACIS 354 Advanced Taxation

28 points 0.2333 EFTS

This course considers the interpretation of legislation; binding rulings; taxation of capital gains and investments; company tax; tax compliance; investigations and dispute resolution; GST, FBT and other regimes, ethics, tax planning.

P: (1) One of ACIS 254, AFIS 254, LAWS 326, LAWS 352, LAWS 395; (2) One of AFIS 151, ACIS 152, AFIS 152, LAWS 101.

R: AFIS 354, AFIS 554

ACIS354-09S2 (C) **Semester 2**

ACIS 355 Competition Law and Policy

28 points 0.2333 EFTS

Not Offered in 2009

Legal and economic concepts of collusive trade practices, misuse of dominance, anti-competitive mergers, resale price maintenance, and international aspects of competition law.

P: Any 54 points (including at least 22 above 100 level) from (ACIS or AFIS Commercial Law, ECON or LAWS), or any combination thereof approved by the Head of Department.

R: AFIS 251, AFIS 355, AFIS 555

ACIS 356 Advanced Auditing
14 points 0.1167 EFTS
A study of advanced topics and contemporary issues in auditing.
P: ACIS 346 or AFIS 346.
R: AFIS 306, AFIS 356, AFIS 506.
ACIS356-09S2 (C) Semester 2

ACIS 360 Special Topic
14 points 0.1167 EFTS
Not Offered in 2009
P: Subject to HOD approval.
R: AFIS 360

ACIS 361 Special Topic
14 points 0.1167 EFTS
Not Offered in 2009
P: Subject to HOD approval.
R: AFIS 361

ACIS 362 Special Topic
14 points 0.1167 EFTS
Not Offered in 2009
P: Subject to HOD approval.
R: AFIS 361

ACIS 363 Special Topic
14 points 0.1167 EFTS
Not Offered in 2009
P: Subject to HOD approval.
R: AFIS 363

ACIS 364 Special Topic
14 points 0.1167 EFTS
Not Offered in 2009
P: Subject to HOD approval.
R: AFIS 364

ACIS 365 Special Topic
14 points 0.1167 EFTS
Not Offered in 2009
P: Subject to HOD approval.
R: AFIS 365

ACIS 367 Special Topic
14 points 0.1167 EFTS
Not Offered in 2009
P: Subject to HOD approval.
R: AFIS 367

ACIS 368 Special Topic
14 points 0.1167 EFTS
Not Offered in 2009
P: Subject to HOD approval.
R: AFIS 368

ACIS 369 Special Topic
14 points 0.1167 EFTS
Not Offered in 2009
P: Subject to HOD approval.
R: AFIS 369

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.

ACIS 614 Research Methodology and Epistemology
0.2500 EFTS
In this course we seek to understand the nature of research, theory building and theory testing. We propose and criticise theories of our own devising, including MCom. thesis proposals.
P: Subject to approval of the Head of Department.
R: AFIS 614
ACIS614-09S1 (C) Semester 1

ACIS 620 Information Systems Management (H)
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: AFIS 620
ACIS620-09S2 (C) Semester 2

ACIS 621 The Law and Economics of Competition Policy (H)
0.1250 EFTS
Not Offered in 2009
P: Subject to approval of the Head of Department.
R: AFIS 621

ACIS 623 Management Accounting (H)
0.1250 EFTS
The course examines current issues in management accounting research.
P: Subject to approval of the Head of Department.
R: AFIS 623
ACIS623-09S2 (C) Semester 2

ACIS 625 Corporate Distress (H)
0.1250 EFTS
Not Offered in 2009
A multi disciplinary approach to the issues of corporate distress.
P: Subject to approval of the Head of Department.
R: AFIS 625

ACIS 626 Advanced Issues in Taxation (H)

0.1250 EFTS

P: Subject to approval of the Head of Department.
R: AFIS 626

ACIS626-09S2 (C) **Semester 2**

ACIS 629 Special Topic (H) 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: AFIS 629

ACIS629-09S1 (C) **Semester 1**

ACIS 631 Special Topic: Issues in Accounting Thought

0.1250 EFTS

This course will use historical techniques and analysis to examine the development of accounting thought from Pacioli in the fifteenth century to today.

P: Subject to approval of the Head of Department.
R: AFIS 631

ACIS631-09S2 (C) **Semester 2**

ACIS 632 Cognitive Science and Artificial Intelligence

0.1250 EFTS

Not Offered in 2009

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: AFIS 632

ACIS 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: AFIS 633

ACIS633-09S1 (C) **Semester 1**

ACIS 634 Special Topic

0.1250 EFTS

P: Subject to approval of the Head of Department
R: AFIS 634

ACIS634-09S2 (C) **Semester 2**

ACIS 644 Special Topic: Financial Management & Accountability in the Public Sector

0.1250 EFTS

This course explores the special features of public and third (charity) sector organisations and the practical implications for accounting and finance. There is an emphasis on contemporary research. The course will also give you the opportunity to carry out assignments on organisations and topics of particular interest to you.

P: Subject to approval of the Head of Department
R: AFIS 644

ACIS644-09S1 (C) **Semester 1**

ACIS 648 Special Topic

0.1250 EFTS

Not Offered in 2009

P: Subject to approval of the Head of Department
R: AFIS 648

ACIS 657 Special Topic: Law, Business and Society

0.1250 EFTS

P: Subject to approval of the Head of Department
R: AFIS 657

ACIS657-09S2 (C) **Semester 2**

ACIS 658 Special Topic: 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 the Head of Department
R: AFIS 658

ACIS658-09S1 (C) **Semester 1**

ACIS 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 the Head of Department
R: AFIS 659

ACIS659-09S2 (C) **Semester 2**

ACIS 680 Research Project

0.2500 EFTS

P: Subject to approval of the Head of Department.
R: AFIS 680

ACIS680-09W (C) **Whole Year (S1 and S2)**

ACIS 690 MCom Thesis

1.0000 EFTS

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

ACIS690-09A (C) **Starts Anytime**

Note: 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.

ACIS790-09A (C) **Starts Anytime**

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

American Studies

College of Arts

AMST 106 Contemporary American Culture

18 points 0.1500 EFTS

Not Offered in 2009

This course examines cultural developments in contemporary America. Exploring a variety of cultural forms, it examines the emergence of "postmodern" culture.

AMST 108 Dissent, Discontent and Difference

18 points 0.1500 EFTS

Not Offered in 2009

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 TV in US Culture

18 points 0.1500 EFTS

This course surveys American motion pictures and television, with particular emphasis on their commerical orientation, their technical and stylistic distinctiveness, and their massive sociocultural influence in America and worldwide.

AMST109-09S2 (C) **Semester 2**

AMST 110 American Literature

18 points 0.1500 EFTS

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

AMST110-09S2 (C) **Semester 2**

AMST 112 From Rags to Swing: the Evolution of Jazz

18 points 0.1500 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: MUSI 109
EQ: MUSI 109

AMST112-09S2 (C) **Semester 2**

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

18 points 0.1500 EFTS

In this course we will critically examine the development of the American corporation, the rise of American consumer culture, the development of advertising and promotionallism 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.

AMST115-09S1 (C) **Semester 1**

AMST 140 Ethnicity and Identity

18 points 0.1500 EFTS

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

AMST140-08SU2 (C) **Summer (Nov 08)**

AMST 141 Rebellious Bodies: Rock and Roll and Postwar American Media Culture

18 points 0.1500 EFTS

Not Offered in 2009

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.

R: AMST 234, AMST 241

AMST 143 Special Topic

18 points 0.1500 EFTS

Not Offered in 2009

AMST 144 Special Topic

18 points 0.1500 EFTS

Not Offered in 2009

AMST 214 Popular Culture and the Media

22 points 0.1833 EFTS

This course introduces key theories and concepts designed to understand contemporary mass 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: One of: AMST 101-AMST 199 (or a B average in 72 points in appropriate courses with the approval of the Programme Director) or ENGL 109 or MUSI 109 or MUSI 110.
R: AMST 330, CULT 204, DRAM 211, AMST 333
EQ: CULT 204

AMST214-09S2 (C) **Semester 2**

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

22 points 0.1833 EFTS

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-AMST 199 (or a B average in 72 points in appropriate courses with the approval of the Programme Director) or ENGL 109 or MUSI 109 or MUSI 110.

AMST215-09S1 (C) **Semester 1**

AMST 216 Contemporary American Literature

22 points 0.1833 EFTS

This course examines contemporary fiction and drama in order to explore and theorize the ways in which American identity and American mythology have been problematized, refigured, and rewritten in postmodern texts.

P: One of: AMST 101-AMST 199 (or a B average in 72 points in appropriate courses with the approval of the Programme Director) or ENGL 109 or MUSI 109 or MUSI 110.
R: AMST 309, AMST 323, ENGL 236
EQ: ENGL 236
RP: AMST 106

AMST216-09S1 (C) **Semester 1**

AMST 217 Society of Persecution: US systems of repression and social control

22 points 0.1833 EFTS

Not Offered in 2009

This course will analyse the negotiation of power relations inherent in definitions and suggested solutions for controlling individuals and groups in the United States, beginning with the Puritans and the Salem witch trials, McCarthyism in the 1950's, the medical and therapeutic industries, and ending with an examination of hackers and the computer antivirus industry.

P: One of: AMST 101-AMST 199 (or a B average in 72 points in appropriate courses with approval of Programme Director) or ENGL 109 or MUSI 109 or MUSI 110.
R: AMST 325

AMST 219 'The War on Terror'

22 points 0.1833 EFTS

Not Offered in 2009

This course will explore terrorism as a post-national phenomenon, terror as spectacle, the future of civil liberties in America and representations of terrorism in film, fiction and media.

P: One of AMST 101-199 or ENGL 109 or MUSI 109 or MUSI 110 or approval of Programme Coordinator.

AMST 221 The Leisure Industry: Disneyfication and Re-working the Politics of Leisure

22 points 0.1833 EFTS

Not Offered in 2009

Since leisure is commonly defined as time away from work, this course will explore the various power relationships inherent in the definitions and assignments of appropriate levels of leisure and work. Analysis will focus on several historical and contemporary standpoints, including the contradictions constructed within New England Puritan society, the nineteenth-century promotion of the "rags to riches" ideal, and Disney's major influence on the tourism, entertainment and technology industries. Central to the topics under investigation will be the dynamics of gender, race, and class as they revealed in interactions with the leisure industry.

P: EITHER 18 points of AMST OR 72 points in appropriate courses with the permission of the Programmes Director.
R: AMST 321, CULT 305

AMST 223 Hardboiled LA: Los Angeles in Literature and Film

22 points 0.1833 EFTS

This course examines modern and postmodern representations of Los Angeles. Specifically, the course explores ways in which the genre of "L.A. Noir" (in fiction and film) has been refigured as Los Angeles increasingly becomes the postmodern environment par excellence.

P: One of: AMST 101-AMST 199 (or a B average in 72 points in appropriate courses with the approval of the Programme Director) or ENGL 109 or MUSI 109 or MUSI 110.
R: AMST 326, ENGL 237

AMST223-09S2 (C) **Semester 2**

AMST 230 Africa, Race and the American Imagination

22 points 0.1833 EFTS

Not Offered in 2009

This course explores American popular consciousness of Africa from the mid 19th century through the present, focusing on how representations of Africa in American popular culture have shaped and reflected American thinking about "race".

P: One of: AMST 101-AMST 199 (or a B average in 72 points in appropriate courses with the approval of the Programme Director) or ENGL 109 or MUSI 109 or MUSI 110.
R: AMST 312

AMST 231 African American Women Writers

22 points 0.1833 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: One of: AMST 101-AMST 199 (or a B average in 72 points in appropriate courses with the approval of the Programme Director) or ENGL 109 or MUSI 109 or MUSI 110.
R: AMST 311, ENGL 251, FMST 304, CULT 304, GEND 209, GEND 304
EQ: ENGL 251

AMST231-09SU1 (C) Summer (Jan 09)

AMST 233 American Science Fictions and Intelligent Technologies

22 points 0.1833 EFTS

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: EITHER 18 points of AMST OR 44 points in appropriate courses with the permission of the Programmes Director.
R: AMST 345

AMST233-09S1 (C) Semester 1

AMST 235 Special Topic

22 points 0.1833 EFTS

P: One of AMST 101-AMST 199 or ENGL 109 or MUSI 109 or MUSI 110.

AMST235-09S2 (C) Semester 2

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

22 points 0.1833 EFTS

This course provides an introduction to human-animal studies through an analysis of cinematic representations of animals and the environment across horror and science fiction genres, animation, comedy and documentary.

P: Any 36 points from the Arts schedule, or with approval of Programme Director.
R: AMST 331, CULT 206, ENGL 243, GEND 213, GEND 311
EQ: CULT 206, ENGL 243, GEND 213

AMST236-09S2 (C) Semester 2

AMST 238 Crime and Punishment in American Popular Culture

22 points 0.1833 EFTS

This course explores the social construction of crime and punishment in American popular culture. We will focus on popular representations - in films, novels, song, true crime narratives, reality television, television docudramas and news media - of crime and punishment with particular emphasis on the role class, race, gender, and sexuality play in the production and consumption of such popular representations.

P: Either 18 points of AMST at 100-level or ENGL 109 with a B pass; or 36 points of AMSTat 100-level; or any 54 points from the Arts Schedule
R: AMST 338

AMST238-09S1 (C) Semester 1

AMST 240 Ethnicity and Identity

22 points 0.1833 EFTS

Not Offered in 2009

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.

P: One of AMST 101-AMST 199 or ENGL 109 or MUSI 109 or MUSI 110 or a B average in 72 points of appropriate courses with the approval of the Programme Director.
R: AMST 105, AMST 140

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

22 points 0.1833 EFTS

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: One of AMST 100-AMST 199 or ENGL 109 or MUSI 109 or MUSI 110 or a B average in 72 points and with the approval of the Programme Director.
R: AMST 141, AMST 234

AMST241-09S1 (C) Semester 1

AMST 242 Memory, Trauma, Narrative

22 points 0.1833 EFTS

This course focuses on the way in which traumatic events in US history are remembered and commemorated with special emphasis on hisotrical, fiction and documentary narratives. Topics include slavery, Native American removal and forced assimilation, the 1890 Massacre at Wounded Knee, the American Civil War, Pearl Harbor, Japanese internment, the Holocaust in American culture, Vietnam veterans, the assassination of JFK, and September 11th.

P: 18 points in American Studies or a B average in 72 points in appropriate courses subject to the approval of the Course Coordinator.
R: AMST 342

AMST242-09S2 (C) Semester 2

AMST 310 American Film Genres

28 points 0.2333 EFTS

Not Offered in 2009

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 Director or CULT programme co-ordinator.
R: DRAM 310, CULT 313, ARTT 306
EQ: CULT 313

AMST 311 African-American Women Writers

28 points 0.2333 EFTS

Not Offered in 2009

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: One of AMST 201-AMST 299 or ENGL 236 or ENGL 237 or one of GEND 201-GEND 299 or a B average in appropriate Arts subjects at 200 level with the approval of the Programme Director.
R: AMST 231, FMST 304, CULT 304, GEND 209, GEND 304
EQ: GEND 304, CULT 304

AMST 312 Africa, Race and the American Imagination

28 points 0.2333 EFTS

Not Offered in 2009

This course explores American popular consciousness of Africa from the mid 19th century through the present, focusing on how representations of Africa in American popular culture have shaped and reflected American thinking about "race".

P: One of AMST 201-AMST 299 or ENGL 236 or ENGL 237 or at least a B average in appropriate Arts courses with the approval of the Programme Director.
R: AMST 230

AMST 313 Cultures of the Supernatural

28 points 0.2333 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: 22 points of ENGL at 200-level with a B pass, or 44 points of ENGL at 200-level, or any 66 points from the Arts Schedule.
R: ENGL 313, CULT 317, AMST 413, ENGL 413, CULT 417
EQ: ENGL 313, CULT 317

AMST313-09S2 (C) **Semester 2**

AMST 321 The Leisure Industry: Disneyfication and Re-working the Politics of Leisure

28 points 0.2333 EFTS

Not Offered in 2009

Since leisure is commonly defined as time away from work, this course will explore the various power relationships inherent in the definitions and assignments of appropriate levels of leisure and work. Analysis will focus on several historical and contemporary standpoints, including the contradictions constructed within New England Puritan society, the nineteenth-century promotion of the "rags to riches" ideal, and Disney's major influence on the tourism, entertainment and technology industries. Central to the topics under investigation will be the dynamics of gender, race, and class as they revealed in interactions with the leisure industry.

P: One of AMST 201-AMST 299, or ENGL 236 or ENG237, or at least B average in appropriate Arts courses with the approval of the Programme Director.
R: AMST 221, CULT 305
EQ: CULT 305

AMST 323 Contemporary American Literature

28 points 0.2333 EFTS

This course examines contemporary fiction and drama in order to explore and theorise the ways in which American identity and American mythology have been problematised, refigured, and rewritten in postmodern texts.

P: One of AMST 201-AMST 299, or ENGL 237, or at least a B average in appropriate Arts courses with the approval of the Programme Director.
R: AMST 216, AMST 309, ENGL 236

AMST323-09S1 (C) **Semester 1**

AMST 326 Hardboiled LA: Los Angeles in Literature and Film

28 points 0.2333 EFTS

This course examines modern and postmodern representations of Los Angeles. Specifically, the course explores ways in which the genre of "L.A. Noir" (in fiction and film) has been refigured as Los Angeles increasingly becomes the postmodern environment par excellence.

P: One of AMST 201-AMST 299 or ENGL 236 or at least a B average in appropriate Arts courses with the approval of the Programme Director.
R: AMST 223, ENGL 237

AMST326-09S2 (C) **Semester 2**

AMST 327 Culture, Power, Bodies: Understanding the Popular

28 points 0.2333 EFTS

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 at least a B average in appropriate Arts courses at 200 level with the approval of the Programme Director.
R: AMST 431, CULT 301

AMST327-09S1 (C) **Semester 1**

AMST 331 From Bambi to Kong: The Animal in American Popular Culture

28 points 0.2333 EFTS

This course provides an introduction to human-animal studies through an analysis of cinematic representations

of animals and the environment across horror and science fiction genres, animation, comedy and documentary.

P: Any 44 points from the Arts schedule at 200 level, or with approval of Programme Director.
R: AMST 236, CULT 206, ENGL 243, GEND 213, GEND 311
EQ: GEND 311

AMST331-09S2 (C) **Semester 2**

AMST 332 Sexualities in Culture

28 points 0.2333 EFTS

Not Offered in 2009

This course analyses representations and models of 'normal' and 'abnormal' sexuality as these occur in sexology, psychiatry, self-help psychology, cinema and popular culture, and queer activism.

P: Any 44 points from the Arts schedule at 200 level, or with approval of Programme Director.
R: CULT 303, ENGL 332, GEND 307, GEND 211
EQ: CULT 303, ENGL 332, GEND 307

AMST 333 Popular Culture and the Media

28 points 0.2333 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: One of AMST 201-299, or ENGL 236 or ENGL 237; or at least a B average in appropriate Arts courses at 200 level with the approval of the Programme Director.
R: AMST 214, AMST 330, CULT 204, DRAM 211

AMST333-09S2 (C) **Semester 2**

AMST 334 Special Topic: Rebellious Bodies: Rock and Roll and Postwar American Media Culture

28 points 0.2333 EFTS

P: One of AMST 201-99 or a B average in 80 points in appropriate courses subject to the approval of the Course Coordinator.
R: AMST 141, AMST 241

AMST334-09S1 (C) **Semester 1**

AMST 338 Crime and Punishment in American Popular Culture

28 points 0.2333 EFTS

This course explores the social construction of crime and punishment in American popular culture. We will focus on popular representations - in films, novels, song, true crime narratives, reality television, television docudramas and news media - of crime and punishment with particular emphasis on the role class, race, gender, and sexuality play in the production and consumption of such popular representations.

P: Either 22 points of AMST at 200-level or ENGL 236 or ENGL 237 with a B pass; or 44 points of AMST at 200-level; or any 66 points from the Arts Schedule at 200-level.
R: AMST 238

AMST338-09S1 (C) **Semester 1**

AMST 342 Memory, Trauma, Narrative

28 points 0.2333 EFTS

This course focuses on the way in which traumatic events in US history are remembered and commemorated with special emphasis on historical, fiction and documentary narratives. Topics include slavery, Native American removal and forced assimilation, the 1890 Massacre at Wounded Knee, the American Civil War, Pearl Harbor, Japanese internment, the Holocaust in American culture, Vietnam veterans, the assassination of JFK, and September 11th.

P: One of AMST 201-99 or a B average in 80 points in appropriate courses subject to the approval of the Course Coordinator.
R: AMST 242

AMST342-09S2 (C) **Semester 2**

AMST 345 American Science Fictions and Intelligent Technologies

28 points 0.2333 EFTS

From Frankenstein movies, to Agent Smith in the Matrix, to 7 of 9 in Star Trek, to the viruses in Neal 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: EITHER 22 points of AMST at 200-level with a B pass, OR 48 points of AMST at 200-level OR any 66 points from the Arts Schedule at 200-level.
R: AMST 233

AMST345-09S1 (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.

AMST 413 Cultures of the Supernatural

0.2500 EFTS

Not Offered in 2009

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: Subject to approval of Programme Director.
R: AMST 313, CULT 317, ENGL 313, CULT 417 and ENGL 413
EQ: CULT 417, ENGL 413

AMST 422 Postmodernism

0.2500 EFTS

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.

AMST422-09S2 (C) **Semester 2**

AMST 429 The Body in American Culture

0.2500 EFTS

This course marshals a variety of theoretical perspectives - race and ethnicity, feminism and queer theory, cultural studies and poststructuralism - in order to understand the importance of sport in society. It moves outside "traditional" academic texts and knowledge, employing sport biographies, movies, news clips, sports pages and magazines to forge an understanding of contemporary issues on race and gender in America.

P: Subject to approval of the Programme Director.

AMST429-09S1 (C) **Semester 1**

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

AMST430-09S1 (C) **Semester 1**
AMST430-09S2 (C) **Semester 2**

AMST 431 Culture, Power, Bodies: Understanding the Popular

0.2500 EFTS

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

AMST431-09S1 (C) **Semester 1**

AMST 432 American Film and TV

0.2500 EFTS

Not Offered in 2009

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 433 Nature, Culture and Technology

0.2500 EFTS

Not Offered in 2009

This course will apply the tools of social science and cultural studies to the terrain of technology and the natural world. Biological and technological "facts" take on meaning only in the context of human culture, language and institutions; this course will examine the implications of this interface in the context of American culture. Topics will be selected from sociological analyses of information technologies, human-animal studies, science studies, environmental politics and nature writing.

P: Subject to approval of the Programme Director.

AMST 434 Contemporary Cultural and Media Theories

0.2500 EFTS

Not Offered in 2009

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 Race, Ethnicity & Identity

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

AMST436-09S2 (C) **Semester 2**

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

0.2500 EFTS

Not Offered in 2009

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 438 Environment, Culture and Politics: The American Context

0.2500 EFTS

Not Offered in 2009

Through lenses of postcolonial analysis and critical science studies this course charts changes in American (including Native American) representations of nature from the 18th to the 21st centuries. The human-nature relation is considered with special attention issues of power, economy, politics, representation, and ethnicity from early colonialist appropriation of native lands to the development of nuclear culture in the mid-20th century to the construction of the human genome project today.

P: Subject to approval of the Programme Director.

AMST 439 Subjectivity and Difference in American Cinema

0.2500 EFTS

Not Offered in 2009

Analyses of cultural difference within media and cultural studies have tended to focus upon objective markers and visible performances - race as colour, femininity as object of the male gaze, and queerness as spectacle. This course, however, will explore the unique capacity of moving

image technologies (specifically cinema) to situate us, as spectators, within the subject positions of others whose cultural differences are expressed in the structures of their experience with regards to perception

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

AMST440-09S1 (C) **Semester 1**

AMST440-09S2 (C) **Semester 2**

AMST 441 Special Topic

0.2500 EFTS

P: Subject to approval of the Programme Director.

AMST441-09W (C) **Whole Year (S1 and S2)**

AMST 442 Special Topic

0.2500 EFTS

P: Subject to approval of the Programme Director.

AMST442-09W (C) **Whole Year (S1 and S2)**

AMST 443 Special Topic

0.2500 EFTS

P: Subject to approval of the Programme Director.

AMST443-09S2 (C) **Semester 2**

AMST 690 MA Thesis

1.0000 EFTS

P: Subject to approval of the Programme Director.

AMST690-09A (C) **Starts Anytime**

Note: 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.

AMST790-09A (C) **Starts Anytime**

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

**From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Antarctic Studies

Gateway Antarctica

ANTA 101 Antarctic Studies

18 points 0.1500 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. Nineteen Antarctic researchers from ten University departments contribute to the course, which is open to students from all faculties.

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

ANTA101-09W (C) **Whole Year (S1 and S2)**

ANTA 102 Antarctic Studies: The Cold Continent

9 points 0.0750 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

ANTA102-09S1 (C) **Semester 1**

ANTA 103 Antarctic Studies: Life in the Cold

9 points 0.0750 EFTS

This introductory course focuses on biology and explores how plants, animals and humans adapt to living in the extreme environments of the Antarctic and sub-Antarctic with low temperatures and periods of total darkness. The course includes psychology, human interaction with, and invention in, the polar region.

R: INCO 103, ANTA 101, ANTA 113

ANTA103-09S2 (C) **Semester 2**

ANTA 201 Antarctica and Global Change

22 points 0.1833 EFTS

This course provides a multidisciplinary approach to understanding how Antarctica will be affected by global change. It will take a Science System approach and investigate 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, and 36 points from the BSc schedule.

ANTA201-09S2 (C) **Semester 2**

ANTA 202 Experiencing Antarctica

11 points 0.0917 EFTS

ANTA202 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

ANTA202-09S2 (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.

ANTA 401 Antarctic Global Connections

0.3750 EFTS

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.

ANTA401-09W (C) **Whole Year (S1 and S2)**

ANTA 402 Antarctic Legal System

0.1250 EFTS

An examination of the international legal system that governs Antarctica.

P: Subject to approval of the Head of Department.

ANTA402-09S1 (C) **Semester 1**

ANTA 601 Antarctica: Contemporary Issues, Perspectives Part 1

0.1600 EFTS

Not Offered in 2009

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.

P: Subject to approval of the Head of Department.
R: ANTA 501

Note: Limited entry. See limitation of entry regulations.

ANTA 602 Antarctica: Contemporary Issues, Perspectives Part 2

0.1200 EFTS

Not Offered in 2009

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.

P: Subject to approval of the Head of Department.
R: ANTA 502

Note: Limited entry. See limitation of entry regulations.

ANTA 603 Antarctica Field Work

0.1000 EFTS

Not Offered in 2009

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.

P: Subject to approval of the Head of Department.
R: ANTA 503

Note: Additional compulsory fee of $3434 for domestic students and $10200 for international students (2008). Limited entry. See limitation of entry regulations.

ANTA 604 Supervised Project in Antarctic Studies

0.1200 EFTS

Not Offered in 2009

A major written project on an approved topic relating to Antarctica and the Southern Ocean.

P: Subject to approval of the Head of Department.
R: ANTA 504

Note: 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.

ANTA690-09A (C) **Starts Anytime**

Note: 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.

ANTA790-09A (C) **Starts Anytime**

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

Anthropology

College of Arts

ANTH 102 Exploring Cultural Diversity - Anthropological Perspectives

18 points 0.1500 EFTS

An introduction to a broad range of topics and issues of relevance to social and cultural anthropology.

ANTH102-09S1 (C) **Semester 1**

ANTH 103 Identity, Ritual and Power - An Anthropological Introduction

18 points 0.1500 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

ANTH103-09S2 (C) **Semester 2**

ANTH 104 Endangered Peoples? Cultural Survival and Anthropology

18 points 0.1500 EFTS

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

ANTH104-09S1 (C) **Semester 1**

ANTH 105 Human Evolution

18 points 0.1500 EFTS

This course is an introduction to the biological, behavioural, and cultural evolution of hominids from the earliest evidence to the emergence of the Neolithic revolution.

ANTH105-09S2 (C) **Semester 2**

ANTH 202 The Anthropology of Politics and Power

22 points 0.1833 EFTS

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

P: 18 points of Anthropology at 100 level. Students with at least a B average in 36 points of appropriate courses may be admitted with the approval of the Director of the Anthropology programme.
R: ANTH 302

ANTH202-09S2 (C) **Semester 2**

ANTH 203 Ritual and Symbolism: theoretical and practical

22 points 0.1833 EFTS

Not Offered in 2009

P: 18 points of Anthropology at 100 level. Students with 72 points and at least a B average in other appropriate courses may be admitted with the approval of the co-ordinator of the Anthropology programme.
R: ANTH 303

ANTH 205 The Politics of Cultural Performance

22 points 0.1833 EFTS

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: 18 points of Anthropology at 100 level. Students with at least a B average in 36 points of appropriate courses may be admitted with the approval of the Director of the Anthropology programme.
R: ANTH 305

ANTH205-09S1 (C) **Semester 1**

ANTH 206 The Modernity of Religion

22 points 0.1833 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: 18 points of Anthropology at 100 level. Students with at least a B average in 36 points of appropriate courses may be admitted with the approval of the Director of the Anthropology programme.
R: ANTH 306, SOCI 260, SOCI 360, RELS 217
EQ: SOCI 260, RELS 217

ANTH206-09S2 (C) **Semester 2**

ANTH 207 Visual Anthropology

22 points 0.1833 EFTS

Not Offered in 2009

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: 18 points of Anthropology at 100 level. Students with at least a B average in 36 points of appropriate courses may be admitted with the approval of the Director of the Anthropology programme.
R: ANTH 307

ANTH 208 Food and Eating

22 points 0.1833 EFTS

Not Offered in 2009

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: 18 points of Anthropology at 100 level. Students with at least a B average in 36 points of appropriate courses may be admitted with the approval of the Director of the Anthropology programme.
R: GEND 224, ANTH 308, SOCI 262, GEND 324, SOCI 362
EQ: SOCI 262, GEND 224

ANTH 209 The Anthropology of Palaeolithic Cave Art

22 points 0.1833 EFTS

Not Offered in 2009

This course examines the significance of Palaeolithic cave art and its role in the cultural evolution of homo sapiens.

P: 18 points of Anthropology at 100 level. Students with at least a B average in 36 points of appropriate courses may be admitted with the approval of the Director of the Anthropology programme.
R: ANTH 309

ANTH 212 Kinship and Family in Comparative Perspective

22 points 0.1833 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: 18 points of Anthropology at 100 level. Students with at least a B average in 36 points of appropriate courses

may be admitted with the approval of the Director of the Anthropology programme.
R: ANTH 312, GEND 218, GEND 318, SOCI 212, SOCI 312
EQ: SOCI 212, GEND 218
ANTH212-09S1 (C) **Semester 1**

ANTH 215 The Pacific Islands: European and Polynesian Visions

22 points 0.1833 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: 18 points of Anthropology at 100 level. Note: Students with 72 points and at least a B average in other appropriate courses may be admitted with the approval of the Director of the Anthropology programme.
R: HIST 266
EQ: HIST 266
ANTH215-09SU1 (C) **Summer (Jan 09)**

ANTH 223 Ethnicity

22 points 0.1833 EFTS

This course presents a study of race, ethnic and indigenous relations with particular emphasis on the challenges and changes that confront the politics of diversity on Aotearoa/New Zealand.

P: 18 points of Anthropology at 100 level. Students with at least a B average in 36 points of appropriate courses may be admitted with the approval of the Director of the Anthropology programme.
R: HIST 283, MAOR 230, SOCI 223, SOCI 323
EQ: HIST 283, MAOR 230, SOCI 223
ANTH223-09S2 (C) **Semester 2**

ANTH 238 Exploring the Past

22 points 0.1833 EFTS

This course provides students with a framework for structured reflection on the relationship between history, anthropology and sociology.

P: 18 points of Anthropology at 100 level. Students with at least a B average in 36 points of appropriate courses may be admitted with the approval of the Director of the Anthropology programme.
R: HIST 288, SOCI 238, SOCI 338
EQ: HIST 288, SOCI 238
ANTH238-09S1 (C) **Semester 1**

ANTH 240 Cultures and Knowledge

22 points 0.1833 EFTS

The course introduces knowledge as cultural product and form of social praxis by examining the relationship between scientific and so-called traditional knowledge. It explores culture-specific forms of intellectual and practical knowledge in different world regions and critically discusses the appropriation and utilization of traditional knowledge and the issue of intellectual property rights from an anthropological perspective.

P: 18 points of Anthropology at 100 level. Students with at least a B average in 36 points of appropriate courses may be admitted with the approval of the Director of the Anthropology programme.
R: ANTH 340
ANTH240-09SU1 (C) **Summer (Jan 09)**

ANTH 250 Travel and Tourism: Intercultural Perspectives

22 points 0.1833 EFTS

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: 18 points of Anthropology at 100 level. Students with at least a B average in 36 points of appropriate courses may be admitted with the approval of the Director of the Anthropology programme.
R: ANTH 350, SOCI 275, SOCI 375
EQ: SOCI 275
ANTH250-09S2 (C) **Semester 2**

ANTH 301 Ethnography

28 points 0.2333 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: 40 points of ANTH, including at least 22 points at 200-level.
R: SOCI 353
EQ: SOCI 353
ANTH301-09S1 (C) **Semester 1**

ANTH 302 The Anthropology of Politics and Power

28 points 0.2333 EFTS

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

P: 40 points of ANTH, including at least 22 points at 200-level.
ANTH302-09S2 (C) **Semester 2**

ANTH 303 Ritual and Symbolism: theoretical and practical

28 points 0.2333 EFTS

Not Offered in 2009

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

P: 40 points of ANTH, including at least 22 points at 200-level.
R: ANTH 203

ANTH 305 The Politics of Cultural Performance

28 points 0.2333 EFTS

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: 40 points of Anthropology including at least 22 points at 200 level.
R: ANTH 205

ANTH305-09S1 (C) **Semester 1**

ANTH 306 The Modernity of Religion

28 points 0.2333 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: 40 points of ANTH, including at least 22 points at 200-level.
R: ANTH 206, RELS 217, SOCI 260, SOCI 360
EQ: SOCI 360

ANTH306-09S2 (C) **Semester 2**

ANTH 307 Visual Anthropology

28 points 0.2333 EFTS

Not Offered in 2009

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: 40 points of ANTH, including at least 22 points at 200-level.
R: ANTH 207

ANTH 308 Food and Eating

28 points 0.2333 EFTS

Not Offered in 2009

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: 40 points of ANTH, including at least 22 points at 200-level.
R: GEND 224, GEND 324, ANTH 208, SOCI 262 and SOCI 362
EQ: SOCI 362, GEND 324

ANTH 309 The Anthropology of Palaeolithic Cave Art

28 points 0.2333 EFTS

Not Offered in 2009

This course examines the significance of Palaeolithic cave art and its role in the cultural evolution of homo sapiens

P: 40 points of ANTH, at least 22 at 200 level.
R: ANTH 209

ANTH 312 Kinship and Family in Comparative Perspective

28 points 0.2333 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: 40 points of ANTH, at least 22 at 200 level.
R: ANTH 212, GEND 218, GEND 318, SOCI 212, SOCI 312
EQ: GEND 318, SOCI 312

ANTH312-09S1 (C) **Semester 1**

ANTH 340 Cultures and Knowledge

28 points 0.2333 EFTS

Not Offered in 2009

The course introduces knowledge as cultural product and form of social praxis by examining the relationship between scientific and so-called traditional knowledge. It explores culture-specific forms of intellectual and practical knowledge in different world regions and critically discusses the appropriation and utilization of traditional knowledge and the issue of intellectual property rights from an anthropological perspective.

P: 40 points of ANTH, including at least 22 points at 200-level.
R: ANTH 240

ANTH 350 Travel and Tourism: Intercultural Perspectives

28 points 0.2333 EFTS

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: 40 points of ANTH with at least 22 points at 200-level.
R: ANTH 250, SOCI 275, SOCI 375
EQ: SOCI 375

ANTH350-09S2 (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.

ANTH 401 Research Paper

0.2500 EFTS

The research paper will normally involve empirical research, rather than archival or library research, conducted under the guidance of a supervisor, and result in a report not exceeding 12,000 words in length. This paper is compulsory for students wanting to enrol in the Anthropology Honours programme.

P: Subject to approval of the Anthropology Programme Director.

ANTH401-09W (C) **Whole Year (S1 and S2)**

ANTH 402 Issues in Contemporary Anthropological Theory

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.

ANTH402-09S1 (C) **Semester 1**

ANTH 403 Ritual Performance: Sacred and Secular

0.2500 EFTS

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.

ANTH403-09S2 (C) **Semester 2**

ANTH 405 The Anthropology of Food

0.2500 EFTS

Not Offered in 2009

P: Subject to approval of the Anthropology Programme Director.

ANTH 406 Supervised Reading

0.2500 EFTS

Not Offered in 2009

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.

ANTH 407 People and Things

0.2500 EFTS

Not Offered in 2009

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
EQ: SOCI 401

ANTH 408 Global Anthropology

0.2500 EFTS

P: Subject to approval of the Anthropology Programme Director.

ANTH408-09S1 (C) **Semester 1**

ANTH 690 MA Thesis

1.0000 EFTS

P: Subject to approval of the Anthropology Programme Director.

ANTH690-09A (C) **Starts Anytime**

Note: 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.

ANTH790-09A (C) **Starts Anytime**

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

Applied Psychology

Department of Psychology

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

APSY 601 Advanced Industrial and Organisational Psychology

0.2500 EFTS

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.

APSY601-09W (C) **Whole Year (S1 and S2)**

Note: Limited entry. See limitation of entry regulations.

APSY 602 Theoretical and Methodological Issues in Industrial-Organisational Psychology

0.2500 EFTS

Not Offered in 2009

Work motivation, individual and organisation decision-making, leadership, selection and recruitment, organisational justice and ethics.

P: Subject to approval of the Head of Department.

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.

APSY607-09W (C) **Whole Year (S1 and S2)**

Note: 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.

APSY608-09W (C) **Whole Year (S1 and S2)**

Note: Limited entry. See limitation of entry regulations.

APSY 611 Special Topic: Training and Learning at Work

0.1250 EFTS

This course considers how workplace training and learning is changing in a service-led and knowledge-driven economy. What are the implications for managers, trainers, and the learners themselves? It will draw on recent international research. Key topics covered include: evolving models of training and learning, changing skills in the knowledge economy, different forms of training intervention, the role of technology, evaluating the effectiveness of interventions. The course will be practical in approach and there will be extensive use of case studies.

P: Subject to approval of the Head of Department

APSY611-09S1 (C) **Semester 1**

Note: Limited entry. See limitation of entry regulations.

APSY 612 Special Topic

0.1250 EFTS

P: Subject to approval of the Head of Department.

APSY612-09S2 (C) **Semester 2**

Note: Limited entry. See limitation of entry regulations.

APSY 613 Special Topic

0.1250 EFTS

P: Subject to approval of the Head of Department

APSY613-09S1 (C) **Semester 1**

Note: Limited entry. See limitation of entry regulations.

APSY 614 Special Topic

0.1250 EFTS

P: Subject to approval of the Head of Department

APSY614-09S2 (C) **Semester 2**

Note: Limited entry. See limitation of entry regulations.

APSY 615 Special Topic

0.1250 EFTS

P: Subject to approval of the Head of Department

APSY615-09S2 (C) **Semester 2**

Note: Limited entry. See limitation of entry regulations.

APSY 616 Special Topic: Small Group Theory and Team Building

0.1250 EFTS

This course focuses on the interpersonal relationships and task interdependencies in organizations, and how these are developed around team/group structures. Topics covered will include: team building, team productivity, team leadership, decision-making, conflict, virtual teams, coaching.

P: Subject to approval of the Head of Department

APSY616-09S2 (C) **Semester 2**

Note: Limited entry. See limitation of entry regulations.

APSY 630 Organisation and Change

0.2500 EFTS

Not Offered in 2009

The effects of external and internal change on organisations. The management of change and the changing nature of work in contemporary society. Job attitude theory and measurement.

P: Subject to approval of the Head of Department.
R: PSYC 632
EQ: PSYC 632

Note: Limited entry. See limitation of entry regulations.

APSY 631 Psychology and Human Resource Management

0.2500 EFTS

Applications from personnel psychology in human resource management. Human resource forecasting and planning, personnel decision making, developments in industrial relations and organisational and professional ethics.

P: APSY 601. Subject to approval of the Head of Department.
R: PSYC 631
EQ: PSYC 631

APSY631-09W (C) **Whole Year (S1 and S2)**

Note: Limited entry. See limitation of entry regulations.

APSY 660 Dissertation

0.7500 EFTS

A supervised research project. Candidates enrolled for APSY660 Research Project must present a report on the project to the Registrar no later than the first Monday in March of the year following enrolment in the course. Students enrolled for the project are also expected to attend a weekly professional seminar on organisational issues.

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

APSY660-09A (C) **Starts Anytime**

APSY 790 Applied Psychology PhD

1.0000 EFTS

P: Subject to approval of Head of Department

APSY790-09A (C) **Starts Anytime**

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

Arabic

College of Arts

ARAB 101 Arabic Language and Islamic Culture

36 points 0.3000 EFTS

Not Offered in 2009

R: RELS 106, INCO 106
EQ: RELS 106

ARAB 201 Intermediate Arabic and Islamic Texts A

22 points 0.1833 EFTS

Not Offered in 2009

P: ARAB 101 or RELS 106 or INCO 106 or by placement test with the permission of the Programme Director.
R: RELS 201

ARAB 202 Intermediate Arabic and Islamic Texts B

22 points 0.1833 EFTS

Not Offered in 2009

P: ARAB 201 or RELS 201 or by placement test with the permission of the Programme Director.
R: RELS 202

Art Curatorship

College of Arts

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

ARTC 401 Practicum

0.2500 EFTS

This course combines a seminar series and a period of internship, of approximately four weeks, at an approved art gallery or museum (under the guidance of professional gallery staff).

P: Subject to approval of the Programme Convenor.

ARTC401-09S2 (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

ARTC402-09S1 (C) **Semester 1**

ARTC 404 Special Project

0.2500 EFTS

A project concerning some aspect of museum and/or exhibition practice.

P: Subject to approval of the Programme Convenor.

ARTC404-09S2 (C) **Semester 2**

Art History and Theory

College of Arts

ARTH 103 Issues in Twentieth Century Art

18 points 0.1500 EFTS

This course examines developments in western visual culture from the beginning of the 20th century, looking in particular at activities in France, Germany, Britian, Italy, the USSR and the USA.

ARTH103-09S1 (C) **Semester 1**

ARTH 104 Maori Art: Taonga Tuku Iho

18 points 0.1500 EFTS

Not Offered in 2009

Taonga Tuku Iho (Treasures handed down from the ancestors) is an introductory survey of traditional Maori art forms within their social, historical and cultural contexts.

ARTH 105 Worlds of Art

18 points 0.1500 EFTS

This course presents a wide range of artistic works from outside the Western tradition. The course focuses on the arts of Africa, the Americas, Asia, the Pacific and the Maori tradition. Individual works are discussed to provide insight into the cultures, histories, and artistic practices of these cultures.

R: ARTT 103

ARTH105-09S2 (C) **Semester 2**

ARTH 106 Worlds of Architecture

18 points 0.1500 EFTS

Not Offered in 2009

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.

ARTH 107 Worlds of Western Art

18 points 0.1500 EFTS

Not Offered in 2009

This course examines key works of European art and architecture from Antiquity to the Renaissance and beyond, with the survey ending in c.1800. These works are studied in their historical and artistic contexts.

R: ARTH 102 (before 2001).

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

18 points 0.1500 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

ARTH108-08SU2 (C) **Summer (Nov 08)**

ARTH 109 Formations of Contemporary Art: Visual Culture since 1945

18 points 0.1500 EFTS

Not Offered in 2009

This course will provide an overview of the key theoretical concepts and practices of contemporary art from 1945 to present.

R: ARTT 102

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

18 points 0.1500 EFTS

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.

ARTH110-09S2 (C) **Semester 2**

ARTH 202 Art in the Age of Revolutions

22 points 0.1833 EFTS

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

P: 18 points at 100 level Art History and Theory and 18 points from any Humanities/Social Science Faculty course.

ARTH202-09S1 (C) **Semester 1**

ARTH 204 Te Taura Whakairo: The Continuum of Maori and Indigenous Art

22 points 0.1833 EFTS

This course documents the influence of new ideas, and changing perceptions of identity , on contemporary examples of Maori and Indigenous art. These examples are discussed within their political and spiritual contexts.

P: 18 points at 100-level Art History and Theory or Maori and Indigenous Studies and 18 points for any Humanities/Social Science Faculty course.
R: MAOR 225
EQ: MAOR 225

ARTH204-09S1 (C) **Semester 1**

ARTH 205 Architecture in the Twentieth Century

22 points 0.1833 EFTS

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: 18 points at 100 level Art History and Theory and 18 points for any Humanities/Social Science Faculty course.

ARTH205-09S2 (C) **Semester 2**

ARTH 207 Aspects of Art in Aotearoa New Zealand

22 points 0.1833 EFTS

A survey of art in Aotearoa New Zealand from the colonial to the modern period. This course pays particular attention to the following aspects: art and colonialism, the relation between Pakeha and Maori art and culture, landscape painting and cultural identity, art and gender, and the critical perspectives that have shaped art history in this country.

P: 18 points at 100 level Art History and Theory and 18 points from any Humanities and Social Sciences Faculty course.
R: ARTH 316

ARTH207-08SU2 (C) **Summer (Nov 08)**

ARTH 208 Arts of the Pacific

22 points 0.1833 EFTS

Not Offered in 2009

This course is a survey of the indigenous arts of the Pacific, comprising Polynesia, Melanesia, Micronesia, and Australia inclusive. It will look at the roles that art played in the lives of Pacific peoples at the time of contact with the West.

P: 18 points at 100 level Art History and Theory and 18 points for any Humanities/Social Science Faculty course.

ARTH 209 Medieval Art: Pilgrims, Crusaders and Monastics

22 points 0.1833 EFTS

Not Offered in 2009

This course is structured around the art of the twelfth century in France, Spain and Britain. It examines the effects of pilgrimage on medieval art; the part played by the Crusades in the spread of artistic ideas, as well as the ways in which monasticism contributed to the development of the art and architecture of the period.

P: 18 points at 100 level Art History and Theory and 18 points for any Humanities/Social Science Faculty course.
R: ARTH 319

ARTH 210 Japanese Art

22 points 0.1833 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: 18 points at 100 level Art History and Theory and 18 points for any Humanities/Social Science Faculty course.

ARTH210-09S2 (C) **Semester 2**

Please check www.canterbury.ac.nz/courses for the latest course information.

ARTH 211 Theory of Criticism
22 points 0.1833 EFTS

Not Offered in 2009

An examination, description, interpretation and evaluation of work of art.

P: 18 points at 100 level Art History and Theory and 18 points for any Humanities/Social Science Faculty course.
R: ARTT 202

ARTH 212 Early and Classical Cinema
22 points 0.1833 EFTS

An introduction to the theory and history of film from early cinema to the classical Hollywood system. Practical film/video work is required.

P: Any 72 points, or equivalent preparation with approval of the Head of Department.
R: ARTT 205, TAFS 215, TAFS 216
EQ: TAFS 216

ARTH212-09S1 (C) **Semester 1**

ARTH 213 Popular and Art Film
22 points 0.1833 EFTS

An investigation into the relationships between popular or genre film and the art film. Practical film/video work is required.

P: Any 72 points, or equivalent preparation with approval of the Head of Department.
R: TAFS 215, TAFS 217, ARTT 206
EQ: TAFS 217

ARTH213-09S2 (C) **Semester 2**

ARTH 214 Art in New Zealand since 1940
22 points 0.1833 EFTS

Not Offered in 2009

The course provides a historical and theoretical survey of key art practices, concepts, and critical debates in New Zealand art from 1940 to the present.

P: 18 points at 100 level Art History and Theory and 18 points from any Humanities / Social Sciences Faculty course.
R: ARTH 322

ARTH 304 He Korero Toi Whiriwhiria: Maori Art in Theoretical and Educational Contexts
28 points 0.2333 EFTS

An engagement with art theory, aesthetic theory, postcolonial theory and pedagogical theory relevant to Maori and other indigenous art.

P: 22 points at 200-level Art History and Theory or equivalent (subject to Head of Department approval) and 22 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 Head of School approval.

ARTH304-09S2 (C) **Semester 2**

ARTH 306 Art and Artists in Victorian Britain
28 points 0.2333 EFTS

Not Offered in 2009

This course describes and examines the practice of painting, sculpture, and architecture in Britain from 1840 to 1910. These, and the 'lesser arts' such as photography and illustration, are seen in their social and political context.

P: 22 points at 200 level Art History and Theory and 22 points at 200 level from any Humanities/Social Science Faculty course.
R: ARTH 206 (prior to 2006)

ARTH 311 Frank Lloyd Wright and the Modern Movement
28 points 0.2333 EFTS

Not Offered in 2009

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: 22 points at 200 level Art History and Theory and 22 points at 200 level from any Humanities/Social Science Faculty course.

ARTH 318 Issues in Pacific Art
28 points 0.2333 EFTS

Not Offered in 2009

This course will investigate a number of issues of current interest to indigenous peoples within the Pacific.Offering priority to an indigenous perspective, this course will provide insight into the politics of art and will introduce students to key theoretical concepts and practices of contemporary Pacific art.

P: 22 points at 200 level Art History and Theory and 22 points at 200 level from any Humanities/Social Science Faculty course.
R: ARTT 305, CULT 308
EQ: CULT 308

ARTH 320 Architecture in New Zealand
28 points 0.2333 EFTS

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: 22 points at 200 level Art History and Theory and 22 points at 200 level from any Humanities/Social Science Faculty course.

ARTH320-09S1 (C) **Semester 1**

ARTH 323 Painting in France 1830 - 1900
28 points 0.2333 EFTS

Not Offered in 2009

This course examines aspects of painting in France between about 1830 and 1900.

P: 22 points at 200 level Art History and Theory and 22 points at 200 level from any Humanities/Social Science Faculty course.
R: ARTH 203, FREN 323
EQ: FREN 323

ARTH 324 Topics in American Art
28 points 0.2333 EFTS

This course investigates the history of the visual arts in the United States, focusing on art from 1900 to the present.

P: 22 points at 200 level Art History and Theory and 22 points at 200 level from any Humanities/Social Science Faculty course.

ARTH324-09S1 (C) **Semester 1**

ARTH 325 Aesthetic Theory
28 points 0.2333 EFTS

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

P: 22 points at 200 level Art History and Theory and 22 points at 200 level from any Humanities/Social Science Faculty course.

ARTH325-09S2 (C) **Semester 2**

Art History

College of Arts

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

ARTH 401 Te Mahi Taonga: Maori Art in Perspective
0.2500 EFTS

This course interprets Maori 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, Maori art.

P: Subject to approval of the Programme Convenor.
R: PACS 412
EQ: PACS 412

ARTH401-09S2 (C) **Semester 2**

ARTH 402 Aspects of New Zealand Art
0.2500 EFTS

Not Offered in 2009

This course subjects a selection of topics drawn from modern and contemporary New Zealand art history to revisionist and intercultural analysis and interpretation.

P: Subject to approval of the Programme Convenor.

ARTH 403 New Zealand Architecture
0.2500 EFTS

Not Offered in 2009

An examination of selected topics in the history of New Zealand architecture from c.1820 to c.1980. Emphasis is placed on primary research and on the utilisation of the resources available in the Canterbury region.

P: Subject to approval of the Programme Convenor.

ARTH 404 Medieval Art
0.2500 EFTS

Not Offered in 2009

This course examines the stylistic and iconographical developments of mosaics in Eastern and Western Europe.

P: Subject to approval of the Programme Convenor.

ARTH 406 Art and Literature in 19th Century France
0.2500 EFTS

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

P: Subject to approval of the Programme Convenor.

ARTH406-09S1 (C) **Semester 1**

ARTH 410 Women Artists and Modernism
0.2500 EFTS

Not Offered in 2009

This course considers the period from Impressionism to the establishment of abstraction, scrutinising the careers of female artists from many different countries. It asks questions about the validity of Modernism, the importance of female artists, and the way in which modern art has been defined.

P: Subject to approval of the Programme Convenor.
R: GEND 410
EQ: GEND 410

ARTH 413 The Art of the Pacific
0.2500 EFTS

Not Offered in 2009

This course offers an in-depth study of the arts of Polynesia, Melanesia, Micronesia and Australia from 1965 to the present day. Issues include: gender, representation, cultural and political identity, the appropriation of art and the politicisation of art.

P: Subject to approval of the Programme Convenor.
R: PACS 413
EQ: PACS 413

ARTH 414 Seeing Women Artists
0.2500 EFTS

Not Offered in 2009

This course examines how the female artist has been defined by and in the western tradition between the Renaissance and the rise of feminism in the 1970s. Its analysis and discussion will concentrate on allegory, portraiture and self-portraiture, images of the art world and artists' own writings.

P: Subject to approval of the Programme Convenor.

ARTH 415 Arts and Crafts Architecture

0.2500 EFTS

Not Offered in 2009

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 416 Modern and Contemporary Prints

0.2500 EFTS

Not Offered in 2009

This course looks at the history and development of modern and contemporary prints in Japan, England, Australia and New Zealand. It considers four important aspects of the print: its social history; its development to fine art status; avant-garde printmaking; the decline, divergence and digitalization of the print.

P: Subject to the 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

ARTH417-09S1 (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

ARTH418-09S2 (C) **Semester 2**

ARTH 419 Aesthetics in Cross-Cultural Perspective

0.2500 EFTS

Not Offered in 2009

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

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 backgound in Art History but with other relevant qualifications (e.g. BArch) may also apply.

ARTH420-09S1 (C) **Semester 1**

ARTH 480 Research Paper

0.2500 EFTS

P: Subject to approval of the Programme Convenor.

ARTH480-09S1 (C) **Semester 1**
ARTH480-09S2 (C) **Semester 2**

ARTH 690 MA Thesis

1.0000 EFTS

P: Subject to approval of the Programme Convenor.

ARTH690-09A (C) **Starts Anytime**

Note: 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.

ARTH790-09A (C) **Starts Anytime**

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

Art Theory

College of Arts

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

ARTT 410 Aesthetics in Cross-Cultural Perspective

0.2500 EFTS

Not Offered in 2009

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

ARTT 415 Art Theory

0.2500 EFTS

Not Offered in 2009

P: Subject to approval of the Programme Convenor.
R: PACS 414
EQ: PACS 414

ARTT 425 Research Paper

0.2500 EFTS

Not Offered in 2009

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.

ARTT480-09S1 (C) **Semester 1**
ARTT480-09S2 (C) **Semester 2**

ARTT 481 Research Essay

0.2500 EFTS

P: Subject to approval of the Programme Convenor.

ARTT481-09S1 (C) **Semester 1**

ARTT 611 Research Paper

0.2500 EFTS

P: Subject to approval of the Programme Convenor.

ARTT611-09W (C) **Whole Year (S1 and S2)**

ARTT 690 MA Thesis

1.0000 EFTS

P: Subject to approval of the Programme Convenor.

ARTT690-09A (C) **Starts Anytime**

Note: 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.

ARTT790-09A (C) **Starts Anytime**

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

Astronomy

Department of Physics and Astronomy

ASTR 109 The Cosmos: Birth and Evolution

18 points 0.1500 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

ASTR109-09S2 (C) **Semester 2**

ASTR 112 Astrophysics

18 points 0.1500 EFTS

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

ASTR112-09S1 (C) **Semester 1**

ASTR 211 Imaging the Universe

11 points 0.0917 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 make up 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: 18 points from MATH 100-level, STAT 100-level, PHYS 100-PHYS 106, PHYS 111-PHYS 116 or ASTR 112. 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.

ASTR211-09S2 (C) **Semester 2**

Note: Offered in odd-numbered years.

ASTR 212 The Solar System and Dynamical Astronomy

11 points 0.0917 EFTS

Not Offered in 2009

Orbital dynamics, the solar system and planetary exploration.

P: 18 points of MATH 100-level, STAT 100-level, PHYS 100-106, PHYS 111-116 or ASTR 112. 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.

Note: Offered in even-numbered years.

Please check www.canterbury.ac.nz/courses for the latest course information.

ASTR 321 Techniques in Observational Astronomy

14 points 0.1167 EFTS

Not Offered in 2009

Stellar spectroscopy, stellar photometry.

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

R: PHYS 321

EQ: PHYS 321

Note: Offered in even-numbered years.

ASTR 322 Theoretical and Observational Cosmology

14 points 0.1167 EFTS

The nature, origin and evolution of the universe.

P: (1) 33 points from PHYS 221-224, PHYS 310; (2) MATH 109 or equivalent

R: PHYS 322

ASTR322-09S1 (C) **Semester 1**

ASTR 323 Stellar Structure and Evolution

14 points 0.1167 EFTS

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

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

R: PHYS 323

EQ: PHYS 323

ASTR323-09S2 (C) **Semester 2**

Note: Offered in odd-numbered years.

ASTR 324 Special Topic

14 points 0.1167 EFTS

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

ASTR324-09S2 (C) **Semester 2**

ASTR 325 Special Topic

14 points 0.1167 EFTS

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

ASTR325-09S1 (C) **Semester 1**

ASTR 381 Advanced Experiments in Physics and Astronomy

14 points 0.1167 EFTS

Execution and write-up of selected laboratory experiments.

P: (1) PHYS 281 and PHYS 282 or PHYS 283; (2) 22 points from any of the following courses PHYS 221-226, ASTR 211, ASTR 212; (3) MATH 109 or equivalent.

R: PHYS 381

EQ: PHYS 381

ASTR381-09S1 (C) **Semester 1**

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

ASTR381-09S2 (C) **Semester 2**

Note: 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

14 points 0.1167 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 109 or equivalent; (2) 44 points from any 200-level astronomy and physics courses; (3) Entry subject to a supervisor approved by the Head of Department, being available.

R: ASTR 392, ASTR 393

ASTR391-09S1 (C) **Semester 1**

Note: 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.

ASTR391-09S2 (C) **Semester 2**

Note: 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 2009

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

ASTR422-09S1 (C) **Semester 1**

ASTR 423 Stellar Structure and Evolution

0.1250 EFTS

P: Subject to approval of the Head of Department.

ASTR423-09S2 (C) **Semester 2**

Note: 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

ASTR424-09S2 (C) **Semester 2**

ASTR 425 Special Topic

0.1250 EFTS

P: Subject to approval of the Head of Department.

ASTR425-09S2 (C) **Semester 2**

ASTR 426 Special Topic

0.1250 EFTS

P: Subject to approval of the Head of Department.

ASTR426-09S1 (C) **Semester 1**

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.

ASTR430-09S1 (C) **Semester 1**
ASTR430-09S2 (C) **Semester 2**

ASTR 480 Astronomy Research Project

0.3750 EFTS

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: Subject to approval of the Head of Department.

ASTR480-09A (C) **Starts Anytime**

ASTR 690 MSc Thesis

1.0000 EFTS

P: Subject to approval of the Head of Department.

ASTR690-09A (C) **Starts Anytime**

Note: 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.

ASTR790-09A (C) **Starts Anytime**

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

Audiology

Department of Communication Disorders

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

CMDS604-09W (C) **Whole Year (S1 and S2)**

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, Communications Disorders.
R: CMDS 630, CMDS 640

CMDS610-09W (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, Communications Disorders.
R: CMDS 660, CMDS 670

CMDS620-09W (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

CMDS629-09S1 (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

CMDS631-09S1 (C) **Semester 1**

CMDS 632 Acoustics and Psychoacoustics

0.0900 EFTS

Study of the principles, procedures, and research of acoustic phonetics and psychoacoustics; the relationships between the physical dimensions of auditory stimuli and the resultant perceptual experience with normal and impaired hearing.

P: Entry subject to approval by the Head of Department

CMDS632-09S1 (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

CMDS633-09S1 (C) **Semester 1**

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

CMDS634-09S2 (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

CMDS635-09S2 (C) **Semester 2**

CMDS 636 Advanced Audiological Assesment

0.0900 EFTS

Study of signal detection theory and clinical decision making to objectively evaluate, select, and interpret the usefulness of different audiological test batteries. The course also provides advanced training in the areas of immittance audiometry and differential diagnosis of aural pathologies.

P: Entry subject to approval by the Head of Department

CMDS636-09S2 (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.

P: Entry subject to approval by the Head of Department

CMDS637-09S2 (C) **Semester 2**

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

CMDS638-09S1 (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 assesment on electronystagmography with associated la. Provides overview of rotational and posturography measures of balance function.

P: Entry subject to approval by the Head of Department

CMDS639-09S2 (C) **Semester 2**

CMDS 642 Auditory Processing Disorders

0.0410 EFTS

Study of central nervous system processing leading to perception of an auditory event. Neurogogical bases of auditory perception, speech perception, understanding of language, normal and abnormal processing strategies, and neurological disorders. Evaluation and diagnostic testing of normal and abnormal central auditory processing and treatment of central auditory processing disorders.

P: Entry subject to approval by the Head of Department

CMDS642-09S1 (C) **Semester 1**

CMDS 650 Externship

0.0900 EFTS

Not Offered in 2009

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

CMDS 680 Clinical Practice III

0.0410 EFTS

Not Offered in 2009

Supervised clinical practice in a variety of settings.

P: Entry subject to approval by the Head of Department

CMDS 690 MAud Thesis

0.7500 EFTS

Thesis to be carried out under the guidence 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

CMDS690-09A (C) **Starts Anytime**

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

Biochemistry

School of Biological Sciences

BCHM 201 Biochemistry 1

22 points 0.1833 EFTS

The chemistry and metabolic function of the major constituents of living organisms. Metabolic pathways. Protein structure and enzymology. Energy production.

P: (1) BIOL 111; (2) Either (a) CHEM 114 and CHEM 115 or (b) CHEM 112.

BCHM201-09W (C) **Whole Year (S1 and S2)**

BCHM 202 Biochemistry 2

11 points 0.0917 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. For students enrolled before 2002, CHEM 112 alone.
R: BIOL 230, BIOL 231
EQ: BIOL 231

BCHM202-09S1 (C) **Semester 1**

BCHM 205 Bio-organic Chemistry

12 points 0.1000 EFTS

Molecular structure, bonding, stereochemistry and reactivity. Chemistry of naturally occurring and synthetic materials.

P: CHEM 112 or CHEM 115
R: CHEM 222, CHEM 232, CHEM 262, ENCH 241
EQ: CHEM 232

BCHM205-09S1 (C) **Semester 1**

BCHM 206 Organic Chemistry

12 points 0.1000 EFTS

Reaction mechanisms, synthesis and biosynthesis of organic compounds.

P: BCHM 205 or CHEM 232 or ENCH 241
R: CHEM 222, CHEM 242, CHEM 262, CHEM 272
EQ: CHEM 242

BCHM206-09S2 (C) **Semester 2**

BCHM 207 Special Topic

11 points 0.0917 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

BCHM207-09W (C) **Whole Year (S1 and S2)**

BCHM 281 Synthetic, Chemical and Biochemical Techniques

11 points 0.0917 EFTS

Experimental biochemistry, synthetic organic and inorganic chemistry with an emphasis on preparation, separation, isolation, and characterisation techniques that are used in chemistry and biochemistry. Safety and library elements will be integrated into the course, biochemistry and chemistry options will be available.

P: CHEM 112 or CHEM 115
R: CHEM 281
EQ: CHEM 281

BCHM281-09S2 (C) **Semester 2**

BCHM 301 Biochemistry 3

28 points 0.2333 EFTS

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

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

BCHM301-09W (C) **Whole Year (S1 and S2)**

BCHM 302 Biological Chemistry

28 points 0.2333 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, BCHM 206, CHEM 222, CHEM 232, CHEM 242, CHEM 262, CHEM 272, ENCH 241; or (2) BCHM 201 and either BCHM 205 or CHEM 232 or ENCH 241.
R: CHEM 325, ENCH 445
EQ: CHEM 325

BCHM302-09W (C) **Whole Year (S1 and S2)**

BCHM 303 Special Topic

14 points 0.1167 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.

BCHM303-09W (C) **Whole Year (S1 and S2)**

BCHM 381 Biochemical Techniques

14 points 0.1167 EFTS

Biochemical experiments and analysis such as transport kinetics, DNA sequence analysis and manipulation, lipid

Please check www.canterbury.ac.nz/courses for the latest course information.

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

BCHM381-09S2 (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

BCHM401-09W (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

BCHM403-09W (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

BCHM405-09W (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

BCHM406-09W (C) **Whole Year (S1 and S2)**

BCHM 407 Special Topic

0.2500 EFTS

P: Subject to approval of the Head of Department.

BCHM407-09W (C) **Whole Year (S1 and S2)**

BCHM 408 Special Topic

0.2500 EFTS

P: Subject to approval of the Head of Department.

BCHM408-09W (C) **Whole Year (S1 and S2)**

BCHM 409 Special Topic

0.2500 EFTS

P: Subject to approval of the Head of Department.

BCHM409-09S2 (C) **Semester 2**

BCHM 410 Bioorganic Chemistry

0.1250 EFTS

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

P: Subject to approval of the Head of Department.
R: CHEM 405
EQ: CHEM 405.

BCHM410-09W (C) **Whole Year (S1 and S2)**

BCHM 411 Bioinorganic Chemistry

0.1250 EFTS

Contemporary research areas such as metals in biological systems and biomimetic coordination chemistry.

P: Subject to approval of the Head of Department.
R: CHEM 411
EQ: CHEM 411

BCHM411-09W (C) **Whole Year (S1 and S2)**

BCHM 412 Structural Chemistry and Biology

0.1250 EFTS

Topics such as X-ray diffraction and nmr methods; methodology for studying macromolecular structure and function.

P: Subject to approval of the Head of Department.
R: CHEM 412
EQ: CHEM 412

BCHM412-09W (C) **Whole Year (S1 and S2)**

BCHM 413 Special Topic: Independent Course of Study

0.6000 EFTS

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

BCHM413-09A (C) **Starts Anytime**

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.

BCHM480-09W (C) **Whole Year (S1 and S2)**

BCHM 690 MSc Thesis

1.0000 EFTS

P: Subject to approval of the Head of Department.

BCHM690-09A (C) **Starts Anytime**

Note: 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.

BCHM790-09A (C) **Starts Anytime**

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

**From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Bioengineering

Department of Mechanical Engineering

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

ENBI 601 Medical Bioengineering

0.1000 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.

ENBI601-09S2 (C) **Semester 2**

ENBI 605 Biomedical Engineering Simulations

0.1000 EFTS

P: Subject to approval of the Head of Department.

R: ENME 605

ENBI605-09S1 (C) **Semester 1**

ENBI 690 Bioengineering ME Thesis

1.0000 EFTS

P: Subject to approval of the Head of Department

ENBI690-09A (C) **Starts Anytime**

Note: 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

ENBI790-09A (C) **Starts Anytime**

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

**From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Biological Sciences

School of Biological Sciences

BIOL 111 Cellular Biology and Biochemistry

18 points 0.1500 EFTS

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

R: BIOL 101

BIOL111-09S1 (C) **Semester 1**

BIOL 112 Ecology, Evolution and Conservation

18 points 0.1500 EFTS

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

R: BIOL 102

BIOL112-09S2 (C) **Semester 2**

Note: Fieldwork is required.

BIOL 113 Diversity of Life

18 points 0.1500 EFTS

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

R: BIOL 103, BIOL 104

BIOL113-09S1 (C) **Semester 1**

BIOL 116 Human Biology

18 points 0.1500 EFTS

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

BIOL116-09S2 (C) **Semester 2**

BIOL 209 Introduction to Biological Data Analysis

11 points 0.0917 EFTS

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

P: 36 points 100 level BIOL.
R: BIOL 301

BIOL209-09S1 (C) **Semester 1**

BIOL 210 Vertebrate Biology

11 points 0.0917 EFTS

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

P: BIOL 112 and BIOL 113
R: ZOOL 202

BIOL210-09S2 (C) **Semester 2**

BIOL 211 Insect Biology

11 points 0.0917 EFTS

The biology of insects and other non-marine arthropods, with emphasis on environmental relationships and management.

P: BIOL 112 and BIOL 113
R: ZOOL 205

BIOL211-09S2 (C) **Semester 2**

BIOL 212 Marine Biology

22 points 0.1833 EFTS

Biology of marine invertebrates with emphasis on structure and function, life histories, behaviour and ecology.

P: (1) BIOL 113 or BIOL 114; (2) BIOL 111 or BIOL 112.
R: ZOOL 204, ZOOL 214

BIOL212-09S1 (C) **Semester 1**

Note: Fieldwork is required.

BIOL 213 Microbiology 1

11 points 0.0917 EFTS

An introduction to microbiology. An overview of the history of microbiology shows how it has contributed to contemporary applications. The nature and major groups of microrganisms are reviewed together with consideration of their growth, physiology and ecology.

P: BIOL 111, BIOL 113
R: PAMS 206

BIOL213-09S2 (C) **Semester 2**

BIOL 214 Diversity of Algae

11 points 0.0917 EFTS

Diversity of algae in freshwater, marine and terrestrial habitats with emphasis on those of ecological and biotechnological importance.

P: BIOL 113
R: PAMS 205

BIOL214-09S1 (C) **Semester 1**

BIOL 215 Plant Diversity

11 points 0.0917 EFTS

Diversity of plants, with an emphasis on understanding New Zealand seed plants in a global context.

P: BIOL 113, or with the approval of the Head of School.
R: PAMS 205

BIOL215-09S2 (C) **Semester 2**

BIOL 231 Molecular Genetics

11 points 0.0917 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: BIOL 230, BCHM 202
EQ: BCHM 202

BIOL231-09S1 (C) **Semester 1**

BIOL 232 Genetics

11 points 0.0917 EFTS

Principles of genetics including molecular, cytological, classical and developmental genetics with reference to micro-organisms, plants, humans and animals.

P: BIOL 111 and 112; plus one of either BIOL 113 or CHEM 114
R: BIOL 230

BIOL232-09S1 (C) **Semester 1**

BIOL 250 Principles of Animal Physiology

22 points 0.1833 EFTS

An introduction to the mechanisms of how the body works, concentrating on gas exchange, blood and circulation, osmoregulation, digestion, nervous and muscle systems, and endocrinology.

P: BIOL 111
R: ZOOL 206

BIOL250-09S1 (C) **Semester 1**

BIOL 251 Exercise and Health

22 points 0.1833 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.

BIOL251-09S2 (C) **Semester 2**

Note: Limited entry. See limitation of entry regulations.

BIOL 252 Plant Organisation and Physiology

22 points 0.1833 EFTS

Plant cell organisation and function. Plant form, growth, development and physiology. The physiology of plants under stress. Experimental manipulation of plants.

P: BIOL 111
R: PAMS 202, FORE 214, FORE 219

BIOL252-09S2 (C) **Semester 2**

BIOL 270 Ecology

22 points 0.1833 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: PAMS 204, FORE 202
EQ: FORE 202

BIOL270-09S1 (C) **Semester 1**

Note: Fieldwork is required.

BIOL 271 Evolution

11 points 0.0917 EFTS

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

P: BIOL 112. This prerequisite may be replaced by a high level of achievement in an equivalent course as determined by the Head of the School of Biological Sciences.
R: PAMS 205

BIOL271-09S1 (C) **Semester 1**

BIOL 272 Principles of Animal Behaviour

11 points 0.0917 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 104, or PSYC 105 and PSYC 106

BIOL272-09S2 (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: 36 points at 100 level
R: BIOL 114

BIOL273-09S2 (C) **Semester 2**

Note: Fieldwork is required.

BIOL 302 Special Topic: Conservation Genetics

14 points 0.1167 EFTS

"Gene pools are becoming diminished and fragmented into gene puddles" - Thomas Foose. Conservation geneticists seek to minimise the loss of genetic diversity within small and fragmented populations. The theory and practice of conservation genetics will be explored using case studies of threatened New Zealand flora and fauna. Tutorials to be arranged.

P: BIOL 271 or subject to approval from the Head of the School of Biological Sciences

BIOL302-09SU1 (C) **Summer (Jan 09)**

BIOL 303 Forensic Genetics

14 points 0.1167 EFTS

The goal of the course is to provide students an opportunity to gain knowledge in forensic genetics and to understand how genetic applications can be used in forensic research. The course will cover a history of development of forensic genetics, the principles of forensic genetics and the applications of genetics in forensic science. The lecture course will include crime scene investigation, the biochemistry and genetics of blood groups, fingerprint analysis, the application of DNA analysis in forensic investigation, population genetics, the legal aspects of DNA evidence, the ethics of DNA database and New Zealand case studies. The practical content of the course will include latent fingerprint detection and analysis, methods of DNA extraction from crime scene samples and cheek swabs, analysis of microsatellites by the polymerase chain reaction.

P: Entry subject to approval from Head of the School of Biological Sciences

BIOL303-09SU1 (C) **Summer (Jan 09)**

Note: Limited entry. See limitation of entry regulations.

BIOL 304 Special Topic

14 points 0.1167 EFTS

Not Offered in 2009

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 Taxonomy for Field Biologists

14 points 0.1167 EFTS

Not Offered in 2009

A residential field course focussing on identification of organisms, particularly plants, in practical (field) conditions.

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

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

BIOL 306 Special Topic

14 points 0.1167 EFTS

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

BIOL306-09W (C) **Whole Year (S1 and S2)**

BIOL 307 Special Topic

14 points 0.1167 EFTS

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

BIOL307-09S2 (C) **Semester 2**

Please check www.canterbury.ac.nz/courses for the latest course information.

BIOL 308 Special Topic
28 points 0.2333 EFTS
Selected lectures, tutorials and assignments from courses relevant to Biology. 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.

BIOL308-09S2 (C) **Semester 2**

BIOL 309 Experimental Design and Data Analysis for Biologists
14 points 0.1167 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.

R: BIOL 301

BIOL309-09S2 (C) **Semester 2**

BIOL 313 Microbiology 2
28 points 0.2333 EFTS
Applied and environmental microbiology.

P: BIOL 213

R: PAMS 303

BIOL313-09S2 (C) **Semester 2**

BIOL 330 Advanced Concepts in Genetics
28 points 0.2333 EFTS
Advanced molecular genetics of animals, plants, bacteria and viruses, with an emphasis on recombinant DNA and genomic technologies and their applications, and population, quantitative and evolutionary genetics with a conservation emphasis.

P: Either (1) BIOL 230; or (2) BIOL 231 and BIOL 232 and BIOL 271

R: PAMS 309/ZOOL 309

BIOL330-09S1 (C) **Semester 1**

BIOL 331 Biochemistry 3
28 points 0.2333 EFTS
Protein conformation and function. Further studies of lipid, carbohydrate and amino acid metabolism. Metabolic control. Biochemical genetics.

P: (1) BCHM 201; (2) BCHM 202 or BIOL 230 or BIOL 231

R: PAMS 308, BCHM 301

EQ: BCHM 301

BIOL331-09W (C) **Whole Year (S1 and S2)**

BIOL 332 Invasive Systems: Genetics
14 points 0.1167 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

BIOL332-09S2 (C) **Semester 2**

BIOL 351 Cell Biology
28 points 0.2333 EFTS
Advanced study of cellular organisation and interactions with emphasis on the relationships between molecular structure and organelle and cell function.

P: Either (1) BIOL 231 and 232; or (2) BIOL 230 or BIOL 250 or BIOL 252 or BCHM 201

R: ZOOL 306

BIOL351-09S2 (C) **Semester 2**

BIOL 352 Plant Biotechnology
28 points 0.2333 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. For students enrolled before 2004, (1) BCHM 201 (2) either PAMS 202 or BIOL 252 (3) either BCHM 202 or PAMS 203/ZOOL 203 or BIOL 230. For students enrolled before 2003, 44 points from BCHM 201, PAMS 202, PAMS 203/ZOOL 203, PAMS 206.

R: PAMS 310

BIOL352-09S1 (C) **Semester 1**

BIOL 353 Comparative Physiology of Exercise
14 points 0.1167 EFTS
The study of vertebrate animals at their limits of energy expenditure, and environmental factors that affect their performance. The course will use the wealth of information available on exercise physiology in different vertebrate species to place human performance in perspective.

P: BIOL 250 or BIOL 251

R: BIOL 350, ZOOL 301

BIOL353-09S1 (C) **Semester 1**

BIOL 354 Animal Ecophysiology
14 points 0.1167 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 or ZOOL 206

R: BIOL 350, ZOOL 301

BIOL354-09S2 (C) **Semester 2**

BIOL 371 Evolutionary Ecology
14 points 0.1167 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

BIOL371-09S1 (C) **Semester 1**

BIOL 373 Behavioural Ecology
28 points 0.2333 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. For students enrolled before 2004, 44 points from 200 level FORE, PAMS, PSYC, ZOOL, BIOL.
R: ZOOL 307

BIOL373-09S1 (C) **Semester 1**

Note: Fieldwork is required.

BIOL 374 Marine Ecosystems
28 points 0.2333 EFTS
Advanced theories, concepts and applications of marine ecology to current issues.

P: BIOL 270 and BIOL 209. For students enrolled before 2004, 44 points from PAMS 204, BIOL 270, FORE 202, ZOOL 202, BIOL 210, ZOOL 204, ZOOL 205, BIOL 211, ZOOL 214, BIOL 212.
R: BIOL 372, PAMS 311/ZOOL 311
RP: BIOL 212

BIOL374-09S2 (C) **Semester 2**

Note: Fieldwork is required.

BIOL 375 Freshwater Ecosystems
28 points 0.2333 EFTS
Advanced theories and concepts of freshwater ecology and their practical application to current issues.

P: BIOL 270 and BIOL 209. For students enrolled before 2004, 44 points from PAMS 204, BIOL 270, FORE 202, ZOOL 202, BIOL 210, ZOOL 204, ZOOL 205, BIOL 211, ZOOL 214, BIOL 212
R: BIOL 372, PAMS 311/ZOOL 311

BIOL375-09S2 (C) **Semester 2**

Note: Fieldwork is required.

BIOL 377 Global Change and Biosecurity
28 points 0.2333 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

BIOL377-09S1 (C) **Semester 1**

Note: Fieldwork is required.

BIOL 378 Population Ecology and Conservation
14 points 0.1167 EFTS
Advanced concepts in population ecology, especially those most relevant to the New Zealand region and to the conservation of the New Zealand biota. Topics include life history tradeoffs, dispersal and metapopulations, species interactions, population regulation, population modelling, management of populations, and issues for species conservation in New Zealand.

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

BIOL378-09S1 (C) **Semester 1**

Note: Fieldwork is required.

BIOL 379 Sustaining Biodiversity on Private Land
14 points 0.1167 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

BIOL379-09S2 (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

Not Offered in 2009

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.

BIOL 402 Special Topic: Field Research Project
0.2500 EFTS

Not Offered in 2009

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.

BIOL 404 Special Topic
0.2500 EFTS

P: Subject to approval of the Head of School.

BIOL404-09W (C) **Whole Year (S1 and S2)**

BIOL 405 Special Topic
0.2500 EFTS

P: Subject to approval of the Head of School.

BIOL405-09W (C) **Whole Year (S1 and S2)**

BIOL 406 Special Topic

0.2500 EFTS

P: Subject to approval of the Head of School.

BIOL406-09W (C) **Whole Year (S1 and S2)**

BIOL 407 Special Topic

0.2500 EFTS

P: Subject to approval of the Head of School.

BIOL407-09W (C) **Whole Year (S1 and S2)**

BIOL 408 Special Topic

0.2500 EFTS

P: Subject to approval of the Head of School.

BIOL408-09W (C) **Whole Year (S1 and S2)**

BIOL 409 Special Topic

0.2500 EFTS

P: Subject to approval of the Head of School.

BIOL409-09W (C) **Whole Year (S1 and S2)**

BIOL 421 Principles of Taxonomy and Systematics

0.2500 EFTS

The roots of modern taxonomy; species concepts; variation and classification below the species level; development of plant classification in NZ; hybridisation in relation to taxonomy and evolution; early angiosperm evolution; origin and evolution of monocots.

P: Subject to approval of the Head of School.

BIOL421-09W (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

BIOL430-09W (C) **Whole Year (S1 and S2)**

BIOL 431 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.

BIOL431-09W (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.

BIOL432-09W (C) **Whole Year (S1 and S2)**

BIOL 434 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 School.
R: BCHM 405
EQ: BCHM 405

BIOL434-09W (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

BIOL435-09W (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

BIOL436-09W (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.

BIOL451-09W (C) **Whole Year (S1 and S2)**

BIOL 453 Plant Environmental Physiology

0.2500 EFTS

The course considers resource utilisation in natural and managed ecosystems, plant physiology in variable environments (stress physiology), the use of stable isotopes in ecological research, terrestrial ecosystem processes and the responses of plants to global environmental change.

P: Subject to approval of the Head of School.

BIOL453-09W (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.

BIOL470-09W (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.

BIOL471-09W (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.

BIOL472-09W (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.

BIOL473-09W (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 NZ 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.

BIOL474-09W (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.

BIOL476-09W (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 friugivory), 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.

BIOL478-09W (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

BIOL479-09W (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 those 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.

BIOL490-09W (C) **Whole Year (S1 and S2)**

BIOL 491 Plant Biotechnology

0.2500 EFTS

To examine recent advances in plant biology research and, wherever appropriate, their implications for biotechnological applications. Examples of possible topics for tutorials include sugar signals, carbohydrate metabolism and

developmental regulation in plants, phytoremediation, jasmonic acid and wonding response in plants.

P: Subject to approval of the Head of School.

BIOL491-09W (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.

BIOL492-09W (C) **Whole Year (S1 and S2)**

BIOL 493 Applied Microbiology

0.2500 EFTS

Selected topics in applied microbiology including plant pathology, industrial microbiology and medical microbiology.

P: Subject to approval of the Head of School.

BIOL493-09W (C) **Whole Year (S1 and S2)**

Biosecurity

School of Forestry

BIOS 101 Issues in New Zealand Biosecurity

18 points 0.1500 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.

R: INCO 122, INCO 222

BIOS101-08SU2 (C) **Summer (Nov 08)**

BIOS101-09S2 (C) **Semester 2**

BIOS 201 Issues in New Zealand Biosecurity

22 points 0.1833 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: 36 points at 100 level approved by the course co-ordinator.

R: INCO 122, INCO 222

BIOS201-08SU2 (C) **Summer (Nov 08)**

BIOS201-09S2 (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 BIOL401-493 (refer to degree schedule).

P: Subject to approval of Head of Department

BIOT480-09W (C) **Whole Year (S1 and S2)**

BIOT 690 MSc Thesis

1.0000 EFTS

P: Subject to approval of the Head of School.

BIOT690-09A (C) **Starts Anytime**

Note: 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.

BIOT790-09A (C) **Starts Anytime**

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

**From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Business Administration

Master of 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.

MBAD601-09M1 (C) **MBA 1**

Note: Special MBA fee also applies.

MBAD 602 Quantitative Methods

0.0830 EFTS

P: Subject to approval of the Head of Department.

MBAD602-09M1 (C) **MBA 1**

Note: 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.

MBAD603-09M3 (C) **MBA 3**

Note: Special MBA fee also applies.

MBAD 604 Business Economics

0.0830 EFTS

P: Subject to approval of the Head of Department.

MBAD604-09M1 (C) **MBA 1**

Note: Special MBA fee also applies.

MBAD 605 Human Resource Management

0.0830 EFTS

P: Subject to approval of the Head of Department.

MBAD605-09M2 (C) **MBA 2**

Note: Special MBA fee also applies.

MBAD 606 Marketing Principles

0.0830 EFTS

P: Subject to approval of the Head of Department.

MBAD606-09M2 (C) **MBA 2**

Note: Special MBA fee also applies.

MBAD 611 Managerial Finance

0.0830 EFTS

P: Subject to approval of the Head of Department.

MBAD611-09M2 (C) **MBA 2**

Note: Special MBA fee also applies.

MBAD 612 Operations Management

0.0830 EFTS

P: Subject to approval of the Head of Department.

MBAD612-09M1 (C) **MBA 1**

Note: Special MBA fee also applies.

MBAD 615 Organisational Behaviour

0.0830 EFTS

P: Subject to approval of the Head of Department.

MBAD615-09M1 (C) **MBA 1**

Note: Special MBA fee also applies.

MBAD 616 Market Research

0.0830 EFTS

P: Subject to approval of the Head of Department. MBAD 606

MBAD616-09M3 (C) **MBA 3**

Note: Special MBA fee also applies.

MBAD 631 Strategic Management

0.0830 EFTS

P: Subject to approval of the Head of Department.

MBAD631-09M2 (C) **MBA 2**

Note: Special MBA fee also applies.

MBAD 632 Strategy and International Business

0.0830 EFTS

P: Subject to approval of the Head of Department.

MBAD632-09M2 (C) **MBA 2**

Note: Special MBA fee also applies.

MBAD 641 Human Resource Management II

0.0830 EFTS

P: Subject to approval of the Head of Department.

MBAD641-09M3 (C) **MBA 3**

Note: Special MBA fee also applies.

MBAD 642 Managerial Leadership

0.0830 EFTS

P: Subject to approval of the Head of Department.

MBAD642-09M2 (C) **MBA 2**

Note: Special MBA fee also applies.

MBAD 643 Change Management

0.0830 EFTS

This course will give you an insight into the excitement and challenge associated with introducing change, especially strategic change, in organisations.

P: Subject to approval of the Head of Department.

MBAD643-09M1 (C) **MBA 1**

Note: Special MBA fee also applies.

MBAD 644 Group Dynamics

0.0830 EFTS

P: Subject to approval of the Head of Department.

MBAD644-09M3 (C) **MBA 3**

Note: Special MBA fee also applies.

MBAD 645 Special Topic

0.0830 EFTS

P: Subject to approval of the Head of Department.

MBAD645-09M3 (C) **MBA 3**

Note: Special MBA fee also applies.

MBAD 646 Strategic Marketing

0.0830 EFTS

P: Subject to approval of the Head of Department.

MBAD646-09M3 (C) **MBA 3**

Note: Special MBA fee also applies.

MBAD 647 Marketing Research

0.0830 EFTS

Not Offered in 2009

P: Subject to approval of the Head of Department.

Note: 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.

MBAD648-09M3 (C) **MBA 3**

Please check www.canterbury.ac.nz/courses for the latest course information.

MBAD 649 Services Marketing

0.0830 EFTS

P: Subject to approval of the Head of Department.

MBAD649-09M3 (C) **MBA 3**

Note: Special MBA fee also applies.

MBAD 650 Advanced Manufacturing Management

0.0830 EFTS

P: Subject to approval of the Head of Department.

MBAD650-09M3 (C) **MBA 3**

Note: Special MBA fee also applies.

MBAD 651 Managing Quality

0.0830 EFTS

P: Subject to approval of the Head of Department.

MBAD651-09M3 (C) **MBA 3**

Note: Special MBA fee also applies.

MBAD 652 Special Topic: Project Management

0.0830 EFTS

P: Subject to approval of the Head of Department.

MBAD652-09M3 (C) **MBA 3**

Note: Special MBA fee also applies.

MBAD 653 Special Topic: International Business Negotiation

0.0830 EFTS

P: Subject to approval of the Head of Department.

MBAD653-09M3 (C) **MBA 3**

Note: Special MBA fee also applies.

MBAD 654 Entrepreneurship and Small Business

0.0830 EFTS

P: Subject to approval of the Head of Department.

MBAD654-09M3 (C) **MBA 3**

Note: Special MBA fee also applies.

MBAD 655 Special Topic

0.0830 EFTS

P: Subject to approval of the Head of Department.

MBAD655-09M3 (C) **MBA 3**

Note: Special MBA fee also applies.

MBAD 656 Strategic Information Systems

0.0830 EFTS

P: Subject to approval of the Head of Department.

MBAD656-09M3 (C) **MBA 3**

Note: Special MBA fee also applies.

MBAD 657 Contemporary Issues

0.0830 EFTS

P: Subject to approval of the Head of Department.

MBAD657-09M3 (C) **MBA 3**

Note: Special MBA fee also applies.

MBAD 658 Business Law

0.0830 EFTS

P: Subject to approval of the Head of Department.

MBAD658-09M3 (C) **MBA 3**

Note: Special MBA fee also applies.

MBAD 659 Corporate Finance

0.0830 EFTS

P: Subject to approval of the Head of Department.

MBAD659-09M3 (C) **MBA 3**

Note: Special MBA fee also applies.

MBAD 660 International Business and Society

0.0830 EFTS

P: Subject to approval of the Head of Department.

MBAD660-09M3 (C) **MBA 3**

Note: Special MBA fee also applies.

MBAD 661 Special Topic: Corporate Governance

0.0830 EFTS

Special MBA fee also applies.

P: Subject to approval of the Head of Department.

MBAD661-09M3 (C) **MBA 3**

MBAD 662 Special Topic: Investment and Portfolio Management

0.0830 EFTS

P: Subject to approval of the Head of Department.

MBAD662-09M3 (C) **MBA 3**

Note: Special MBA fee also applies.

MBAD 663 Special Topic: Sustainable Enterprises

0.0830 EFTS

P: Subject to approval of the Head of Department.

MBAD663-09M3 (C) **MBA 3**

Note: Special MBA fee also applies.

MBAD 664 Special Topic

0.0830 EFTS

Special MBA fee also applies.

P: Subject to approval of the Head of Department.

MBAD664-09M3 (C) **MBA 3**

MBAD 665 Special Topic

0.0830 EFTS

Special MBA fee also applies.

P: Subject to approval of the Head of Department.

MBAD665-09M3 (C) **MBA 3**

MBAD 666 Special Topic

0.0830 EFTS

P: Subject to approval of the Head of Department.

MBAD666-09M3 (C) **MBA 3**

Note: Special MBA fee also applies.

MBAD 667 Special Topic
0.0830 EFTS
P: Subject to approval of the Head of Department.
MBAD667-09M3 (C) MBA 3
Note: Special MBA fee also applies.

MBAD 668 Special Topic
0.0830 EFTS
P: Subject to approval of the Head of Department.
MBAD668-09M3 (C) MBA 3
Note: Special MBA fee also applies.

MBAD 669 Special Topic
0.0830 EFTS
P: Subject to approval of the Head of Department.
MBAD669-09M3 (C) MBA 3
Note: Special MBA fee also applies.

MBAD 670 Special Topic
0.0830 EFTS
P: Subject to approval of the Head of Department.
MBAD670-09M3 (C) MBA 3
Note: Special MBA fee also applies.

MBAD 671 Special Topic
0.0830 EFTS
P: Subject to approval of the Head of Department.
MBAD671-09M3 (C) MBA 3
Note: Special MBA fee also applies.

MBAD 672 Special Topic
0.0830 EFTS
P: Subject to approval of the Head of Department.
MBAD672-09M3 (C) MBA 3
Note: Special MBA fee also applies.

MBAD 673 Special Topic
0.0830 EFTS
P: Subject to approval of the Head of Department.
MBAD673-09M3 (C) MBA 3
Note: Special MBA fee also applies.

MBAD 674 Special Topic
0.0830 EFTS
P: Subject to approval of the Head of Department.
MBAD674-09M3 (C) MBA 3
Note: Special MBA fee also applies.

MBAD 675 Special Topic
0.0830 EFTS
P: Subject to approval of the Head of Department.
MBAD675-09M3 (C) MBA 3
Note: Special MBA fee also applies.

MBAD 676 Special Topic
0.0830 EFTS
P: Subject to approval of the Head of Department.
MBAD676-09M3 (C) MBA 3
Note: Special MBA fee also applies.

MBAD 677 Special Topic
0.0830 EFTS
P: Subject to approval of the Head of Department.
MBAD677-09M3 (C) MBA 3
Note: Special MBA fee also applies.

MBAD 678 Special Topic
0.0830 EFTS
P: Subject to approval of the Head of Department.
MBAD678-09M3 (C) MBA 3
Note: Special MBA fee also applies.

MBAD 679 Special Topic
0.0830 EFTS
P: Subject to approval of the Head of Department.
MBAD679-09M3 (C) MBA 3
Note: Special MBA fee also applies.

MBAD 680 MBA Project (6 courses)
0.5000 EFTS
P: Subject to approval of the Head of Department.
MBAD680-09M4 (C) MBA 4
Note: The MBA project shall normally be submitted no later than 30 April of the year in which a full-time student first enrols in the project and 15 August of the year in which a part-time student first enrols in the project. In special circumstances the Programme Director may approve a different submission date.

Business Management 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.

MBUS 611 Accounting for Managers
0.1000 EFTS
The programme focuses on the generation and interpretation of published financial statements as well as the use of financial information for managerial planning and control purposes.
R: MBAD 601
MBUS611-09S1 (C) Semester 1
Note: Special MBA fee also applies.

MBUS 612 Quantitative Methods for Business
0.1000 EFTS
In this course students will be able to advance their analytical and decision making skills. Students will be introduced to a variety of decision-making models and operations

research tools, including basic statistics, simulation, queuing, decision trees and optimisation techniques. Students will also gain practical experience in using statistical packages.

R: MBAD 602

MBUS612-09S1 (C) **Semester 1**

Note: Special MBA fee also applies.

MBUS 613 Leadership

0.1000 EFTS

The purpose of the course is to introduce you to the process of managerial leadership and to help you apply the principles of leadership in your life and work.

R: MBAD 642

MBUS613-09S1 (C) **Semester 1**

Note: Special MBA fee also applies.

MBUS 614 Managerial Economics

0.1000 EFTS

An introduction to economic principles, concepts and models and how these are applied to a range of real world situations.

R: MBAD 604

MBUS614-09S1 (C) **Semester 1**

Note: Special MBA fee also applies.

MBUS 615 Organisational Behaviour

0.1000 EFTS

This course enables students to analyse in depth complex organisational behaviour topics and problems at individual, group and organisational level. The course is focussed on accurate problem analysis as well as intervention.

R: MBAD 615

MBUS615-09S1 (C) **Semester 1**

Note: Special MBA fee also applies.

MBUS 621 Managerial Finance

0.1000 EFTS

The course covers sources of debt and equity finance, capital structures, capital expenditure appraisal, takeovers, currency and interest rate risks and management techniques.

R: MBAD 611

MBUS621-09S2 (C) **Semester 2**

Note: Special MBA fee also applies.

MBUS 622 Operations and Supply Chain Management

0.1000 EFTS

This course exposes students to a range of operations management concepts, tools and techniques through lectures, case studies and plant visits. Topics covered include: operations strategy, designing of production / service processes, quality management, lean manufacturing, theory of constraints, supply-chain management and production planning and control.

R: MBAD 612

MBUS622-09S2 (C) **Semester 2**

Note: Special MBA fee also applies.

MBUS 623 Marketing

0.1000 EFTS

This course provides an overview of basic marketing terminology and concepts which are important for any business person to know regardless of his or her functional specialty or geographic location. It also discusses how contextual factors affect the choice of marketing strategy and tactics.

R: MBAD 606

MBUS623-09S2 (C) **Semester 2**

Note: Special MBA fee also applies.

MBUS 624 Business Strategy

0.1000 EFTS

An application-focused course detailing a toolkit of techniques and how they can be applied in business situations. It aims to develop the holistic, long-term perspective and the skills in analysis, presentation and debate required by effective strategic managers.

R: MBAD 631

MBUS624-09S2 (C) **Semester 2**

Note: Special MBA fee also applies.

MBUS 625 Managing People and Teams

0.1000 EFTS

The effective management of the human resource, and its sustainability, are major concerns of any organisation. This course stresses critical thinking and reflection on those issues, and uses a web-based reading and dialogue process called R9 to move through reading, reflection, response, and discussion cycles on a variety of key questions. It will also cover small group and interpersonal dynamics.

R: MBAD 605

MBUS625-09S2 (C) **Semester 2**

Note: Special MBA fee also applies.

MBUS 631 Managing Information Technology

0.1000 EFTS

In this course you will learn how to apply Information Systems and Technology (IST) for business advantage by covering key areas such as business process re-engineering, knowledge management, enterprise, etc. The course explores these areas by focusing on technologies that change how work is done. The course also focuses on project management skills that include: setting strategies, evaluating options, planning, risk management, implementation control and reporting.

P: 120 points from MBUS 611-625

R: MBAD 603

MBUS631-09S1 (C) **Semester 1**

Note: Special MBA fee also applies.

MBUS 632 International Business

0.1000 EFTS

Case studies of international and global businesses, including the financial, marketing, technological and political issues. The course also covers ethical issues in the context of business theory and practice.

P: 120 points from MBUS 611-625
R: MBAD 632

MBUS632-09S1 (C) **Semester 1**

Note: Special MBA fee also applies.

MBUS 633 Managing Change

0.1000 EFTS

This course will give you an insight into the excitement and challenge associated with introducing and managing change, especially strategic change, in organisations.

P: 120 points from MBUS 611-625
R: MBAD 643

MBUS633-09S1 (C) **Semester 1**

Note: Special MBA fee also applies.

MBUS 634 Business Law

0.1000 EFTS

The course will give participants an overview of selected areas of the law including: how the laws are made and the legal system, and commercial, contractual, employment taxation and consumer law relevant to the business environment.

P: 120 points from MBUS 611-625
R: MBAD 658

MBUS634-09S1 (C) **Semester 1**

Note: Special MBA fee also applies.

MBUS 635 Business Development

0.1000 EFTS

A course designed for those interested in developing comprehensive business plans, whether establishing their own business or for presenting a business case within a larger organisation. The course discusses issues of entrepreneurship, finance, business development, commercialisation and management. At the end of the module, the student will be able to put a comprehensive document together that can be used to persuade and justify investment in a business opportunity by other parties. This will also draw on skills learned within previous modules.

P: 120 points from MBUS 611-625

MBUS635-09S1 (C) **Semester 1**

Note: Special MBA fee also applies.

MBUS 641 Project Management

0.1000 EFTS

This course is designed to teach the basic principles of good project management and will provide students with the knowledge and skills to orchestrate projects to completion.

P: 120 points from MBUS 611-625
R: MBAD 652

MBUS641-09S2 (C) **Semester 2**

Note: Special MBA fee also applies.

MBUS 642 Business Research Methods

0.1000 EFTS

This course will introduce you to the process of conducting empirical business research using qualitative and quantitative methods. The course will cover all stages of the research process including conceptualization, design, measurement, and collecting, analysing, interpreting, and presenting data. The goal of the course is to help you develop the ability to design and critically assess scientific research.

P: 120 points from MBUS 611-625

MBUS642-09S2 (C) **Semester 2**

Note: Special MBA fee also applies.

MBUS 680 Research Project

0.3000 EFTS

A supervised individual business based research project. Students will be encouraged to undertake the research project in conjunction with a business.

P: 120 points from: MBUS 611-625

MBUS680-09S2 (C) **Semester 2**

Note: Special MBA fee also applies.

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 chosen from BIOL430-432, BIOL434, BIOL437, BIOL491.

P: Subject to approval of the Head of School.
EQ: CEMB 473

CEMB480-09W (C) **Whole Year (S1 and S2)**

CEMB 690 MSc Thesis

1.0000 EFTS

P: Subject to approval of the Head of School.

CEMB690-09A (C) **Starts Anytime**

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

Please check www.canterbury.ac.nz/courses for the latest course information.

CEMB 790 Cellular and Molecular Biology PhD

1.0000 EFTS

P: Subject to approval of the Head of School.

CEMB790-09A (C) **Starts Anytime**

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

**From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Chemical and Process Engineering

Department of Chemical and Process Engineering

Note: Timetable information for professional engineering courses will be available at www.engf.canterbury.ac.nz/timetables.html from 1 February 2009.

ENCH 241 Engineering Chemistry 2

15 points 0.1200 EFTS

Organic, inorganic, analytical and physical chemistry.

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

ENCH241-09S1 (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

ENCH281-09S2 (C) **Semester 2**

ENCH 291 Chemical Process Technology

18 points 0.1500 EFTS

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

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

R: ENCH 250, ENCH 252

ENCH291-09S1 (C) **Semester 1**

ENCH 292 Transfer Operations and Thermodynamics

18 points 0.1500 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.

R: ENCH 252, ENCH 253

ENCH292-09S2 (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.

R: ENCH 254

ENCH293-09S1 (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.

ENCH294-09S2 (C) **Semester 2**

ENCH 323 Special Topic: Engineering Biochemistry

12 points 0.1000 EFTS

P: Subject to approval of the Head of Department.

ENCH323-09W (C) **Whole Year (S1 and S2)**

ENCH 350 Process System Engineering

18 points 0.1500 EFTS

Process dynamics, optimisation, matlab, effective computation, differential equations and linear systems.

P: EMTH 210 and EMTH 271

ENCH350-09W (C) **Whole Year (S1 and S2)**

ENCH 351 Chemical Reaction Engineering

12 points 0.1000 EFTS

Chemical reaction engineering, process modelling.

P: ENCH 241

ENCH351-09S2 (C) **Semester 2**

ENCH 352 Thermodynamics 2

12 points 0.1000 EFTS

Further topics in chemical and process thermodynamics.

P: ENCH 252

ENCH352-09S2 (C) **Semester 2**

ENCH 353 Heat Transfer Operations

12 points 0.1000 EFTS

Heat transfer, heat exchanger design, evaporators.

P: ENCH 253

ENCH353-09S1 (C) **Semester 1**

ENCH 354 Fluid Mechanics 2

12 points 0.1000 EFTS

Momentum, CFD, mixing, non-Newtonian, gas-liquid, solid-liquid flow.

P: ENCH 254

ENCH354-09S1 (C) **Semester 1**

ENCH 355 Particle Technology
12 points 0.1000 EFTS

Not Offered in 2009

Flow and processing of particulate solids, atomisation, flow with two phases.

P: ENCH 254

ENCH 357 Special Topic
12 points 0.1000 EFTS

Not Offered in 2009

P: Subject to approval of the Head of Department.

ENCH 360 Chemical Engineering Separations
18 points 0.1500 EFTS

Mass transfer, stage processes, distillation and column design, liquid extraction, psychometrics, drying, membranes, batch processes, other separations, selecting separation processes.

P: ENCH 253

ENCH360-09W (C) **Whole Year (S1 and S2)**

ENCH 363 Process Engineering Design 2
12 points 0.1000 EFTS

Mass and energy balances, problem solving, industrial safety, design project on unit operations.

P: ENCH 250

ENCH363-09W (C) **Whole Year (S1 and S2)**

ENCH 371 Chemical Engineering Laboratories
12 points 0.1000 EFTS

Laboratory and pilot-plant experiments.

P: ENCH 271

ENCH371-09W (C) **Whole Year (S1 and S2)**

ENCH 380 BioProcess Engineering
12 points 0.1000 EFTS

Not Offered in 2009

Principles of enzyme and cell biology and their kinetic behaviour in an engineering context; engineering challenges of large-scale processing of biologically active materials and cultures; engineering transport processes in biological fluids and materials; engineering rheology of biological fluids; transport processes in biological systems.

P: Subject to approval of the Head of Department.

ENCH 421 Industrial Pollution Control
12 points 0.1000 EFTS

Industrial pollution control, waste effects, pollution prevention

P: Subject to approval of the Head of Department.
R: ENCH 321

ENCH421-09S2 (C) **Semester 2**

ENCH 422 Energy Resource Management
12 points 0.1000 EFTS

Energy resources, their efficient utilisation and integration in the process industries.

P: Subject to approval of the Head of Department.
R: ENCH 322

ENCH422-09S2 (C) **Semester 2**

ENCH 427 Wood Process Science (Chemical)
12 points 0.1000 EFTS

Not Offered in 2009

Wood anatomy, physics and chemistry. Conversion of wood.

P: Subject to approval of the Head of Department.

ENCH 429 Engineered Wood Products
12 points 0.1000 EFTS

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.

P: Subject to approval of the Head of Department.
R: FORE 441

ENCH429-09S2 (C) **Semester 2**

ENCH 450 Process Control
12 points 0.1000 EFTS

An introduction to process control technology.

P: ENCH 350

ENCH450-09S1 (C) **Semester 1**

ENCH 451 Advanced Process Control
12 points 0.1000 EFTS

More advanced topics in process control technology.

P: ENCH 450

ENCH451-09S2 (C) **Semester 2**

ENCH 452 Thermodynamics 3
12 points 0.1000 EFTS

Advanced topics in chemical and process thermodynamics.

P: ENCH 352

ENCH452-09S2 (C) **Semester 2**

ENCH 455 Engineering Systems
12 points 0.1000 EFTS

Not Offered in 2009

A General Systems approach to analysis and modelling of complex systems and processes in nature, technology and society. The aim is to enable students to adopt a critical and creative response to complex system problems ranging from hard technical systems to softer systems relating to the interface between technology and its social and physical environment.

P: Subject to approval of the Head of Department.

ENCH 457 Special Topic in Chemical and Process Engineering

12 points 0.1000 EFTS

P: Subject to approval of the Head of Department.

ENCH457-09S1 (C) **Semester 1**

ENCH457-09W (C) **Whole Year (S1 and S2)**

ENCH457-09S2 (C) **Semester 2**

ENCH 458 Advanced Chemical Engineering Materials

12 points 0.1000 EFTS

Manufacture, properties and uses of nanomaterials.

P: Subject to approval of the Head of Department.

R: ENCH 358

ENCH458-09S2 (C) **Semester 2**

ENCH 459 Chemical Engineering Mathematics

12 points 0.1000 EFTS

Not Offered in 2009

Ordinary and partial differential equation methods, optimization.

P: ENCH 350

ENCH 460 Process Management

12 points 0.1000 EFTS

Process economics and other economic topics; operations research principles and practice and process project management.

P: Subject to approval of the Head of Department.

ENCH460-09S1 (C) **Semester 1**

ENCH 463 Process Engineering Design 3

36 points 0.3000 EFTS

Process systems, computer-aided process design, project management and process plant design projects.

P: ENCH 363

ENCH463-09W (C) **Whole Year (S1 and S2)**

ENCH 467 Special Topic

12 points 0.1000 EFTS

P: Subject to approval of Head of Department.

ENCH467-09S2 (C) **Semester 2**

ENCH 471 Research Project 1

12 points 0.1000 EFTS

Independent research project

P: ENCH 371

ENCH471-08SU2 (C) **Summer (Nov 08)**

ENCH471-09S1 (C) **Semester 1**

ENCH471-09S2 (C) **Semester 2**

ENCH 472 Research Project II

12 points 0.1000 EFTS

Independent research project

P: ENCH 471. Subject to approval of Head of Department

R: ENCH 473

ENCH472-09S1 (C) **Semester 1**

Note: Limited entry. See limitation of entry requirements.

ENCH472-09S2 (C) **Semester 2**

Note: Limited entry. See limitation of entry requirements.

ENCH 473 Research Project III

24 points 0.2000 EFTS

Independent research project.

P: Subject to approval of Head of Department

C: ENCH 471

R: ENCH 472

ENCH473-09S2 (C) **Semester 2**

Note: Limited entry. See limitation of entry regulations.

ENCH 475 Independent Course of Study

12 points 0.1000 EFTS

P: Subject to approval of the Head of Department.

ENCH475-09S1 (C) **Semester 1**

Note: Limited entry. See limitation of entry regulations.

ENCH475-09W (C) **Whole Year (S1 and S2)**

Note: Limited entry. See limitation of entry regulations.

ENCH475-09S2 (C) **Semester 2**

Note: Limited entry. See limitation of entry regulations.

ENCH 480 Industrial BioProcess Engineering

12 points 0.1000 EFTS

Fermenter design; bioreactor design; mechanical design; instrumentation and control; mixing and aeration in fermenters; sterile processing; CIP protocols; separation processes.

P: ENCH 380

ENCH480-09S1 (C) **Semester 1**

ENCH 481 BioProcess Engineering II

12 points 0.1000 EFTS

Bioprocessing in industry: beverages; pharmaceuticals; fuels and solvents; organic acids; biogas, polysaccharides; amino acids; secondary metabolites; biopolymers; food biotechnology; environmental biotechnology; bio-transformation; process improvements; commercial exploitation of genetic engineering.

P: ENCH 480

ENCH481-09S2 (C) **Semester 2**

ENGR 401 Introduction to Computational Fluid Dynamics

12 points 0.1000 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 and ENME 354 or (2) ENCH 354, or (3) Subject to Head of Department Approval.

ENGR401-09S1 (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 601 Advanced Thermodynamics and Statistical Thermodynamics

0.1000 EFTS

Applied statistical thermodynamics including the ideal gas state, non-ideal fluids and fluid mixtures and electrolyte solutions.

P: Subject to approval of the Head of Department.

ENCH601-09S2 (C) **Semester 2**

ENCH 602 Introduction to Computational Fluid Dynamics

0.1000 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.

ENCH602-09S1 (C) **Semester 1**

ENCH 603 Physical, Chemical and Analytical Techniques

0.1000 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.

ENCH603-09S2 (C) **Semester 2**

ENCH 604 Advanced Separation Processes

0.1000 EFTS

Not Offered in 2009

Advanced concepts in separation operations including design variable analysis, distillation, solvent extraction, ion exchange, and membrane separations.

P: Subject to approval of the Head of Department.

ENCH 605 Biological Waste Processing

0.1000 EFTS

Engineering aspects of the use of biological methods used to treat waste solid, liquid and gas streams including composting, land farming, bioventing, activated sludge, anaerobic digestion, trickle beds, biofiltration and bioscrubbing.

P: Subject to approval of the Head of Department.

ENCH605-09S2 (C) **Semester 2**

ENCH 606 Advanced Process Simulation

0.1000 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.

ENCH606-09S2 (C) **Semester 2**

ENCH 607 Modelling and Numerical Methods

0.1000 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.

ENCH607-09S1 (C) **Semester 1**

ENCH 611 Special Topic in Chemical and Process Engineering

0.1000 EFTS

P: Subject to approval fo the Head of Department.

ENCH611-09S1 (C) **Semester 1**
ENCH611-09W (C) **Whole Year (S1 and S2)**
ENCH611-09S2 (C) **Semester 2**

ENCH 612 Special Topic in Chemical and Process Engineering

0.1000 EFTS

P: Subject to approval of the Head of Department.

ENCH612-09S1 (C) **Semester 1**
ENCH612-09W (C) **Whole Year (S1 and S2)**
ENCH612-09S2 (C) **Semester 2**

ENCH 613 Special Topic

0.1000 EFTS

P: Subject to approval of the Head of Department.

ENCH613-09S1 (C) **Semester 1**
ENCH613-09S2 (C) **Semester 2**

ENCH 614 Special Topic

0.1000 EFTS

P: Subject to approval of the Head of Department.

ENCH614-09S1 (C) **Semester 1**
ENCH614-09S2 (C) **Semester 2**

ENCH 615 Special Topic

0.1000 EFTS

P: Subject to approval of the Head of Department.

ENCH615-09S1 (C) **Semester 1**
ENCH615-09S2 (C) **Semester 2**

ENCH 616 Special Topic
0.1000 EFTS

P: Subject to approval of the Head of Department.

ENCH616-09S1 (C) **Semester 1**
ENCH616-09S2 (C) **Semester 2**

ENCH 620 Clean Technology and Processes
0.1000 EFTS

Not Offered in 2009
P: Subject to approval of the Head of Department.

ENCH 621 Fundamentals for Sustainable Processes
0.1000 EFTS

Not Offered in 2009
P: Subject to approval of the Head of Department.

ENCH 622 Environmental Process Engineering
0.1000 EFTS

Not Offered in 2009
P: Subject to approval of the Head of Department.

ENCH 623 Environmental Management Systems
0.1000 EFTS

P: Subject to approval of the Head of Department.

ENCH623-09S2 (C) **Semester 2**

ENCH 675 Independent Course of Study
0.1000 EFTS

P: Subject to approval of the Head of Department.

ENCH675-09S1 (C) **Semester 1**
ENCH675-09W (C) **Whole Year (S1 and S2)**
ENCH675-09S2 (C) **Semester 2**

ENCH 680 Chemical and Process Engineering (ME Project) (full-time)
0.6000 EFTS

P: Subject to approval of the Head of Department.

ENCH680-09A (C) **Starts Anytime**
ENCH680-09W (C) **Whole Year (S1 and S2)**

ENCH 682 Special Topic in Chemical and Process Engineering - Project
0.2000 EFTS

P: Subject to approval of the Head of Department.

ENCH682-09S1 (C) **Semester 1**
ENCH682-09W (C) **Whole Year (S1 and S2)**
ENCH682-09S2 (C) **Semester 2**

ENCH 690 Chemical and Process Engineering ME Thesis
1.0000 EFTS

P: Subject to approval of the Head of Department.

ENCH690-09A (C) **Starts Anytime**

Note: 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.

ENCH790-09A (C) **Starts Anytime**

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

Chemistry

Department of Chemistry

CHEM 111 General Chemistry A
18 points 0.1500 EFTS

Atoms, molecules and the chemical bond; chemistry of the atmosphere; introduction to physical chemistry; thermodynamics; kinetics; aqueous chemistry; chemical equilibria; electrochemistry.

R: CHEM 113, CHEM 121
EQ: CHEM 121

CHEM111-09S1 (C) **Semester 1**

CHEM 112 General Chemistry B
18 points 0.1500 EFTS

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

P: CHEM 111 or CHEM 113 or CHEM 121. Entry without one of these prerequisites is possible with the permission of the Head of Department.
R: CHEM 115

CHEM112-09S2 (C) **Semester 2**

CHEM 113 Engineering Chemistry
18 points 0.1500 EFTS

The scientific method; atoms, molecules, the chemical bond and the periodic table; materials; ideal gas laws; thermodynamics; chemical equilibria; electrochemistry; physical equilibria; kinetics.

R: CHEM 111, CHEM 121

CHEM113-09S1 (C) **Semester 1**

CHEM 114 Introductory Chemistry
18 points 0.1500 EFTS

A preparatory course for biological sciences and other non-specialists, assuming minimal preparation in Chemistry.

There is an emphasis on the properties of materials and biological systems. Atoms, molecules, mole concept, chemical equations, stoichiometry; electron configuration, bonding; molecular structure; energy changes and kinetic factors in chemical reactions; aqueous chemistry; introductory organic chemistry.

R: CHEM 105

CHEM114-09S1 (C) **Semester 1**

CHEM 115 General Chemistry C

18 points 0.1500 EFTS

A course that complements CHEM114 for those students who wish to advance in chemistry, biochemistry or biological sciences. Organic reactions and syntheses; stereochemistry; reaction mechanism; non-metallic elements; transition metal chemistry; chemical equilibria; electrochemistry.

P: CHEM 114. Entry without this pre-requisite is possible with permission of the Head of Department.

R: CHEM 112

CHEM115-09S2 (C) **Semester 2**

CHEM 121 General Chemistry A

18 points 0.1500 EFTS

Atoms, molecules and the chemical bond; chemistry of the atmosphere; introduction to physical chemistry; thermodynamics; kinetics; aqueous chemistry; chemical equilibria; electrochemistry.

P: Satisfactory performance in the laboratory component of CHEM 111 or CHEM 113, or a pass in both CHEM 114 and CHEM 115.

R: CHEM 111, CHEM 113

EQ: CHEM 111

CHEM121-09SU1 (C) **Summer (Jan 09)**

CHEM 224 Analytical and Environmental Chemistry

22 points 0.1833 EFTS

Principles of analytical and environmental chemistry. Spectroscopic, electroanalytical, chromatographic and flow techniques with emphasis on environmental applications. Environmental aquatic, redox, acid/base and metal ion chemistry; environmental toxicology; trace organic analysis. Speciation.

P: (1) CHEM 112 or CHEM 115, and (2) CHEM 111 or CHEM 113 or CHEM 121

C: Any single missing pre-requisite may be taken as a co-requisite.

R: ENCH 241

CHEM224-09W (C) **Whole Year (S1 and S2)**

CHEM 231 Introduction to Inorganic Chemistry

12 points 0.1000 EFTS

Atomic theory and bonding; properties of transition metal compounds.

P: CHEM 112 or CHEM 115.

R: CHEM 221, CHEM 261.

CHEM231-09S1 (C) **Semester 1**

CHEM 232 Bioorganic Chemistry

12 points 0.1000 EFTS

Molecular structure, bonding, stereochemistry and reactivity. Chemistry of naturally occurring and synthetic materials.

P: CHEM 112 or CHEM 115.

R: CHEM 222, CHEM 262, ENCH 241, BCHM 205.

EQ: BCHM 205

CHEM232-09S1 (C) **Semester 1**

CHEM 233 Introduction to Physical Chemistry

12 points 0.1000 EFTS

Introduction to physical chemistry measurements, chemical kinetics, energy changes, and equilibria.

P: CHEM 111 or CHEM 113 or CHEM 121

R: CHEM 223, CHEM 263, ENCH 241 (if credited prior to 2004)

CHEM233-09S1 (C) **Semester 1**

CHEM 241 Inorganic Chemistry

12 points 0.1000 EFTS

Chemistry of the main group elements; bioinorganic chemistry.

P: CHEM 231

R: CHEM 221, CHEM 261, CHEM 271

CHEM241-09S2 (C) **Semester 2**

CHEM 242 Organic Chemistry

12 points 0.1000 EFTS

Reaction mechanisms; synthesis and biosynthesis of organic compounds.

P: CHEM 232 or BCHM 205 or ENCH 241.

R: CHEM 222, CHEM 262, CHEM 272, BCHM 206

EQ: BCHM 206

CHEM242-09S2 (C) **Semester 2**

CHEM 243 Physical Chemistry

12 points 0.1000 EFTS

Thermodynamics, kinetics, properties of matter, spectroscopy and an introduction to quantum theory.

P: CHEM 111 or CHEM 113 or CHEM 121

R: CHEM 223, CHEM 263, CHEM 273

CHEM243-09S2 (C) **Semester 2**

CHEM 271 Inorganic Chemistry (Pre-Honours)

12 points 0.1000 EFTS

Chemistry of the main group elements; bioinorganic chemistry; molecular symmetry.

P: (1) CHEM 111 or CHEM 113 or CHEM 121; and (2) CHEM 231; and (3) subject to the approval of the Head of Department.

R: CHEM 221, CHEM 261, CHEM 241

CHEM271-09S2 (C) **Semester 2**

Please check www.canterbury.ac.nz/courses for the latest course information.

CHEM 272 Organic Chemistry (Pre-Honours)

12 points 0.1000 EFTS

Reaction mechanisms; synthesis and biosynthesis of organic compounds.

P: (1) CHEM 111 or CHEM 113 or CHEM 121; and (2) CHEM 232 or BCHM 205 or ENCH 241; and (3) subject to the approval of the Head of Department.

R: CHEM 222, CHEM 242, CHEM 262, BCHM 206

CHEM272-09S2 (C) Semester 2

CHEM 273 Physical Chemistry (Pre-Honours)

12 points 0.1000 EFTS

Thermodynamics, chemical kinetics, electrochemistry, conductance, visible and infrared spectroscopy of diatomic and polyatomic molecules, introduction to quantum theory.

P: (1) CHEM 111 or CHEM 113 or CHEM 121; and (2) subject to approval of the Head of Department.

R: CHEM 223, CHEM 243, CHEM 263

CHEM273-09S2 (C) Semester 2

CHEM 281 Synthetic, Chemical and Biochemical Techniques

11 points 0.0917 EFTS

Experimental biochemistry, synthetic organic and inorganic chemistry with an emphasis on preparation, separation, isolation, and characterisation techniques that are used in chemistry and biochemistry. Safety and library elements will be integrated into the course, biochemistry and chemistry options will be available.

P: CHEM 112 or CHEM 115

R: BCHM 281

EQ: BCHM 281

CHEM281-09S2 (C) Semester 2

CHEM 282 Measurement and Analysis

11 points 0.0917 EFTS

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

CHEM282-09S1 (C) Semester 1

CHEM 321 Inorganic and Structural Chemistry

28 points 0.2333 EFTS

The structure, bonding and chemistry of organometallic complexes and clusters. Homogenous and heterogeneous catalysis. Symmetry and structure. X-ray diffraction. Inorganic stereochemistry. Inorganic reaction mechanisms. Metal-ligand equilibrium concepts. Bioinorganic chemistry.

P: 22 points from CHEM 221, CHEM 231, CHEM 241, CHEM 261, CHEM 271

R: CHEM 361, ENCH 441

CHEM321-09W (C) Whole Year (S1 and S2)

CHEM 322 Organic Chemistry

28 points 0.2333 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, CHEM 222, CHEM 232, CHEM 242, CHEM 262, CHEM 272, ENCH 241.

R: CHEM 362, ENCH 442

CHEM322-09W (C) Whole Year (S1 and S2)

CHEM 324 Analytical and Environmental Chemistry

28 points 0.2333 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 223 or CHEM 224 or CHEM 263; or (2) CHEM 233 and either CHEM 243 or CHEM 273

R: ENCH 444

CHEM324-09W (C) Whole Year (S1 and S2)

CHEM 325 Biological Chemistry

28 points 0.2333 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 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 CHEM 232 or ENCH 241.

R: BCHM 302, ENCH 445

EQ: BCHM 302

CHEM325-09W (C) Whole Year (S1 and S2)

CHEM 327 Special Topic

14 points 0.1167 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.

CHEM327-09S1 (C) Semester 1

CHEM327-09S2 (C) Semester 2

CHEM 328 Special Topic

14 points 0.1167 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.

CHEM328-09S1 (C) **Semester 1**
CHEM328-09S2 (C) **Semester 2**

CHEM 333 General Physical Chemistry

14 points 0.1167 EFTS

A selection of topics will be offered from the following list: chain reactions and explosions. photochemistry and lasers; electrode kinetics; polymer chemistry.

P: (1) CHEM 223 or CHEM 263; or (2) CHEM 233 and either CHEM 243 or CHEM 273.
C: Any single missing pre-requisite may be taken as a co-requisite with the permission of the Head of Department.
R: CHEM 323, CHEM 363, ENCH 443, ENCH 446.

CHEM333-09S1 (C) **Semester 1**

CHEM 343 Applied Physical Chemistry

14 points 0.1167 EFTS

A selection of topics will be offered from the following list: industrial chemistry; surface chemistry and catalysis; atmospheric chemistry; instrumentation; metallurgy; ceramics.

P: (1) CHEM 223 or CHEM 263; or (2) CHEM 233 and either CHEM 243 or CHEM 273.
C: Any single missing pre-requisite may be taken as a co-requisite with the permission of the Head of Department.
R: CHEM 323, ENCH 443.

CHEM343-09S2 (C) **Semester 2**

CHEM 361 Inorganic and Structural Chemistry (Pre-Honours)

28 points 0.2333 EFTS

The structure, bonding and chemistry of organometallic complexes and clusters. Homogenous and heterogeneous catalysis. Symmetry and structure. X-ray diffraction. Inorganic stereochemistry. Inorganic reaction mechanisms. Metal-ligand equilibrium concepts. Bioinorganic chemistry.

P: (1) 22 points from CHEM 221*, CHEM 231, CHEM 241*, CHEM 261, CHEM 271; and (2) CHEM 281 or BCHM 281. *Entry with this prerequisite only with the permission of the HOD.
C: CHEM 381
R: CHEM 321 and ENCH 441

CHEM361-09W (C) **Whole Year (S1 and S2)**

CHEM 362 Organic Chemistry (Pre-Honours)

28 points 0.2333 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: (1) 22 points from BCHM 205, BCHM 206*, CHEM 222*, CHEM 232, CHEM 242*, CHEM 262, CHEM 272; and (2) CHEM 281 or BCHM 281 *Entry with this prerequisite only with the permission of the HOD
C: CHEM 381
R: CHEM 322, ENCH 442

CHEM362-09W (C) **Whole Year (S1 and S2)**

CHEM 373 Chemical Physics (Pre-Honours)

14 points 0.1167 EFTS

A selection of topics will be offered: molecular symmetry and group theory; electronic spectroscopy; quantum mechanics.

P: (1) CHEM 223* or CHEM 263; or (2) CHEM 233 and either CHEM 243* or CHEM 273; and (3) CHEM 282; and (4) 36 points from courses in Mathematics, Statistics or ENGR 102.
* Entry with this prerequisite only with the approval of the Head of Department.
C: Any single missing pre-requisite may be taken as a co-requisite with the permission of the Head of Department.
R: CHEM 363, ENCH 446

CHEM373-09S2 (C) **Semester 2**

CHEM 381 Advanced Synthetic Techniques

14 points 0.1167 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

CHEM381-09S1 (C) **Semester 1**

CHEM 382 Instrumental Methods

14 points 0.1167 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

CHEM382-09S2 (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 401 Inorganic Chemistry

0.1250 EFTS

Topics such as organometallic and transition metal chemistry.

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

CHEM401-09W (C) **Whole Year (S1 and S2)**

CHEM 402 Organic Chemistry

0.1250 EFTS

Contemporary research areas in organic chemistry such as organic synthesis.

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

CHEM402-09W (C) **Whole Year (S1 and S2)**

CHEM 403 Chemical Dynamics and Spectroscopy

0.1250 EFTS

Contemporary research areas such as molecular beams; single-collision reaction dynamics; advanced spectroscopy.

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

CHEM403-09W (C) **Whole Year (S1 and S2)**

CHEM 404 Analytical and Environmental Chemistry

0.1250 EFTS

Contemporary research areas such as new analytical methodology; environmental chemistry.

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

CHEM404-09W (C) **Whole Year (S1 and S2)**

CHEM 405 Bioorganic Chemistry

0.1250 EFTS

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

P: Subject to the approval of the Head of Department.
R: BCHM 410
EQ: BCHM 410

CHEM405-09W (C) **Whole Year (S1 and S2)**

CHEM 406 Theoretical Chemistry

0.1250 EFTS

Topics such as quantum chemistry; advanced quantum mechanics; group theory.

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

CHEM406-09W (C) **Whole Year (S1 and S2)**

CHEM 407 Supramolecular Chemistry

0.1250 EFTS

Contemporary research areas such as supramolecular structures; ligand design and synthesis; molecular self-assembly.

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

CHEM407-09W (C) **Whole Year (S1 and S2)**

CHEM 408 Reaction Mechanisms

0.1250 EFTS

Contemporary research areas such as mechanistic studies on organic reactions; enzyme catalysed processes.

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

CHEM408-09W (C) **Whole Year (S1 and S2)**

CHEM 409 Rate Processes

0.1250 EFTS

Contemporary research areas such as the kinetics of polymerisation and non-equilibrium systems.

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

CHEM409-09W (C) **Whole Year (S1 and S2)**

CHEM 410 Nanoscience and Nanotechnology

0.1250 EFTS

Contemporary research areas associated with nanotechnology and nanoscience.

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

CHEM410-09W (C) **Whole Year (S1 and S2)**

CHEM 411 Bioinorganic Chemistry

0.1250 EFTS

Contemporary research areas such as metals in biological systems and biomimetic coordination chemistry.

P: Subject to the approval of the Head of Department.
R: BCHM 411
EQ: BCHM 411

CHEM411-09W (C) **Whole Year (S1 and S2)**

CHEM 412 Structural Chemistry and Biology

0.1250 EFTS

Topics such as X-ray diffraction and nmr methods; methodology for studying macromolecular structure and function.

P: Subject to the approval of the Head of Department.
R: BCHM 412
EQ: BCHM 412

CHEM412-09W (C) **Whole Year (S1 and S2)**

CHEM 413 Special Topic

0.1250 EFTS

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

CHEM413-09W (C) **Whole Year (S1 and S2)**

CHEM 414 Special Topic

0.1250 EFTS

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

CHEM414-09W (C) **Whole Year (S1 and S2)**

CHEM 415 Special Topic

0.1250 EFTS

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

CHEM415-09W (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.

CHEM416-09W (C) **Whole Year (S1 and S2)**

CHEM 468 Special Topic

0.2500 EFTS

P: Subject to approval of the Head of Department.

CHEM468-09W (C) **Whole Year (S1 and S2)**

CHEM 469 Special Topic

0.2500 EFTS

P: Subject to approval of the Head of Department.

CHEM469-09W (C) **Whole Year (S1 and S2)**

CHEM 470 Special Topic

0.2500 EFTS

P: Subject to approval of the Head of Department.

CHEM470-09W (C) **Whole Year (S1 and S2)**

CHEM 471 Special Topic

0.2500 EFTS

P: Subject to approval of the Head of Department.

CHEM471-09W (C) **Whole Year (S1 and S2)**

CHEM 472 Special Topic

0.2500 EFTS

P: Subject to approval of the Head of Department.

CHEM472-09W (C) **Whole Year (S1 and S2)**

CHEM 473 Special Topic

0.2500 EFTS

P: Subject to approval of the Head of Department.

CHEM473-09W (C) **Whole Year (S1 and S2)**
CHEM473-09S1 (C) **Semester 1**
CHEM473-09S2 (C) **Semester 2**

CHEM 474 Special Topic

0.2500 EFTS

P: Subject to approval of the Head of Department.

CHEM474-09W (C) **Whole Year (S1 and S2)**
CHEM474-09S1 (C) **Semester 1**
CHEM474-09S2 (C) **Semester 2**

CHEM 480 Research Project

0.2500 EFTS

P: Subject to approval of the Head of Department.

CHEM480-09W (C) **Whole Year (S1 and S2)**
CHEM480-09S1 (C) **Semester 1**
CHEM480-09S2 (C) **Semester 2**

CHEM 690 MSc Thesis

1.0000 EFTS

P: Subject to approval of the Head of Department.

CHEM690-09A (C) **Starts Anytime**

Note: 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.

CHEM790-09A (C) **Starts Anytime**

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

**From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Chinese

College of Arts

CHIN 101 Elementary Chinese Language

36 points 0.3000 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.

CHIN101-09W (C) **Whole Year (S1 and S2)**

CHIN 102 Introduction to Chinese Civilization

18 points 0.1500 EFTS

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.

CHIN102-09S2 (C) **Semester 2**

CHIN 105 Chinese Language 1

18 points 0.1500 EFTS

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 CHIN201. 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

CHIN105-09S2 (C) **Semester 2**

CHIN 110 Oral Chinese 1

18 points 0.1500 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.

CHIN110-09SU1 (C) **Summer (Jan 09)**

CHIN 201 Chinese Language 2

44 points 0.3667 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

CHIN201-09W (C) **Whole Year (S1 and S2)**

CHIN 202 Chinese Linguistics

22 points 0.1833 EFTS

This course provides a general introduction to the linguistic study of Chinese. Topics include the Chinese sound system, word formation, sentence structure, Chinese script, and sociolinguistic aspects of Chinese. Some prior knowledge of Chinese or Linguistics would be an advantage.

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.

CHIN202-09S1 (C) **Semester 1**

CHIN 203 Introduction to Chinese Literature in Translation

22 points 0.1833 EFTS

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: 18 points of CHIN at 100-level with a B pass or above, or 36 points of CHIN at 100-level, or any 54 points from the Arts Schedule.

CHIN203-09S2 (C) **Semester 2**

CHIN 205 Business Chinese

22 points 0.1833 EFTS

This course introduces those elements of Chinese language and Chinese language skills particularly useful for communication for business purposes, and the relevant social and cultural aspects of modern China. The course is for students who have passed CHIN 201 or who are native speakers of Chinese dialects other than Mandarin with limited proficiency in Mandarin. Such students will be admitted to the course by approval of the Programme Director only if the course is deemed appropriate to their level of proficiency.

P: A placement test, with the permission of the Programme Director, or CHIN 201.

CHIN205-09S1 (C) **Semester 1**

CHIN 206 Chinese Film

22 points 0.1833 EFTS

This course surveys Chinese cinema and examines the first one hundred years of the Chinese film industry, major Chinese film genres, the social implications of film, and the Chinese culture reflected through film. The paper will be taught in English and all films are subtitled.

P: 18 points of CHIN at 100-level with a B pass or above, or 36 points of CHIN at 100-level, or any 54 points from the Arts Schedule.

R: CHIN 306

CHIN206-09S1 (C) **Semester 1**

CHIN 208 Chinese Society and Culture since 1949

22 points 0.1833 EFTS

This course, taught in English, examines the attempt to create a new form of society and a new socialist culture in China between 1949 and 1976, then traces the emergence of a new, more diverse social order between 1976 and the present.

P: 18 points of CHIN at 100-level with a B pass or above, or 36 points of CHIN at 100-level, or any 54 points from the Arts Schedule.

R: CHIN 303, HIST 291

EQ: HIST 291

CHIN208-09S2 (C) **Semester 2**

CHIN 211 Study Chinese in China Summer Programme 1

22 points 0.1833 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.

CHIN211-08SU2 (C) **Summer (Nov 08)**

CHIN 212 Study Chinese in China Midyear Programme

22 points 0.1833 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.

CHIN212-09X (C) **Refer to website for dates**

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 $100.

CHIN 301 Chinese Language 3

56 points 0.4667 EFTS

This course builds on the language skills acquired in CHIN 201 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

CHIN301-09W (C) **Whole Year (S1 and S2)**

CHIN 302 Reading Chinese for Practical Purposes

28 points 0.2333 EFTS

Not Offered in 2009

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

28 points 0.2333 EFTS

This course, taught in English, examines the attempt to create a new form of society and a new socialist culture in China between 1949 and 1976, then traces the emergence of a new, more diverse social order between 1976 and the present.

P: 22 points of CHIN at 200 level with a B pass or above, or any 44 points in CHIN at 200 level, or any 66 points from the Arts Schedule at 200 level.

R: CHIN 208, HIST 291, HIST 391

CHIN303-09S2 (C) **Semester 2**

CHIN 306 Chinese Film

28 points 0.2333 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: 22 points of CHIN at 200 level with a B pass or above, or any 44 points in CHIN at 200 level, or any 66 points from the Arts Schedule at 200 level.

R: CHIN 206

CHIN306-09S1 (C) **Semester 1**

CHIN 311 Study Chinese in China Summer Programme 2

28 points 0.2333 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.

CHIN311-08SU2 (C) **Summer (Nov 08)**

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.

CHIN401-09W (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.

CHIN402-09W (C) **Whole Year (S1 and S2)**

CHIN 403 Chinese Language and Society

0.2500 EFTS

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.

CHIN403-09W (C) **Whole Year (S1 and S2)**

CHIN 405 Readings in Traditional Chinese Thought

0.2500 EFTS

Not Offered in 2009

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

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.

CHIN408-09W (C) **Whole Year (S1 and S2)**

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.

CHIN409-09W (C) **Whole Year (S1 and S2)**

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.

CHIN410-09S2 (C) **Semester 2**

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

CHIN411-09W (C) **Whole Year (S1 and S2)**

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
R: FREN 417

LANC401-09S1 (C) **Semester 1**

CHIN 690 MA Thesis

1.0000 EFTS

P: Subject to approval of the Head of School.

CHIN690-09A (C) **Starts Anytime**

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

CHIN 790 Chinese PhD

1.0000 EFTS

P: Subject to approval of the Head of School.

CHIN790-09A (C) **Starts Anytime**

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

Civil Engineering

Department of Civil and Natural Resources Engineering

Note: Timetable information for professional engineering courses will be available at www.engf.canterbury.ac.nz/timetables.html from 1 February 2009.

ENCI 211 Design Studio 1

12 points 0.1000 EFTS

Introduction to civil engineering design. Engineering drawing. Timber design. Integrated design concepts.

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

ENCI211-09S2 (C) **Semester 2**

ENCI 230 Mechanics of Materials

12 points 0.1000 EFTS

Analysis of statically determinate structures. Stress and strain. Flexure, shear axial and combined stress behaviour of beams and columns.

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

ENCI230-09S1 (C) **Semester 1**

ENCI 234 Structural Engineering 1

12 points 0.1000 EFTS

Analysis of deformations using integration and moment-area methods. Indeterminate structures. Force method of indeterminate analysis. Elastic buckling. Torsion.

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

ENCI234-09S2 (C) **Semester 2**

ENCI 241 Fluid Mechanics 1
12 points 0.1000 EFTS
Fluid properties. Hydrostatics. Control volume analysis of mass, energy and momentum. Introduction to flow in pipes.

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

ENCI241-09S2 (C) **Semester 2**

ENCI 252 Geotechnical Engineering 1
12 points 0.1000 EFTS
Physical properties and classification of soils. Stresses and strains in soil. Concept of shear strength and stiffness in soil masses. Pore fluid flow and permeability, steady flow and flow nets. Consolidation and settlement beneath foundations.

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

ENCI252-09S1 (C) **Semester 1**

ENCI 262 Survey, Transport and GIS
12 points 0.1000 EFTS
Field survey techniques in plane surveying. Survey Camp. Introduction to transportation engineering. Traffic flow theory. Geometric design of roads and railways and associated surveying calculations. Introduction to GIS.

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

ENCI262-09S1 (C) **Semester 1**

ENCI 271 Engineering Geology and Hydrology
12 points 0.1000 EFTS
Introduction to the general principles of geology and hydrology as they apply to civil and natural resources engineering practice. Emphasis is placed on foundation materials, active processes affecting site selection, hydrological systems, measurements and data interpretation.

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

ENCI271-09S2 (C) **Semester 2**

ENCI 302 Engineering Mathematics 3 (Civil)
12 points 0.1000 EFTS
Partial differential equations: applications of advanced mathematics to Civil Engineering.

P: EMTH 210

ENCI302-09S1 (C) **Semester 1**

ENCI 303 Engineering Decision Making
12 points 0.1000 EFTS
Descriptive statistics; probability distributions; confidence intervals; statistical tests; linear regression; optimisation; decision theory; network analysis.

P: EMTH 210

ENCI303-09S1 (C) **Semester 1**

ENCI 312 Design Studio 2
12 points 0.1000 EFTS
Design of multi-disciplinary civil engineering projects; regulatory planning; construction scheduling and cost estimates.

P: ENCI 262, ENNR 203, ENCI 241
C: ENCI 363

ENCI312-09S1 (C) **Semester 1**

ENCI 332 Structural Concrete
12 points 0.1000 EFTS
Material science of concrete; reinforced and prestressed concrete theory; design and detailing of concrete structural members.

P: ENCI 234
C: ENCI 333

ENCI332-09S1 (C) **Semester 1**

ENCI 333 Structural Steel
12 points 0.1000 EFTS
Design. Material, tension members, columns, beams, beam-columns. Bolted and welded connections.

P: ENCI 234
C: ENCI 332

ENCI333-09S2 (C) **Semester 2**

ENCI 334 Computational Mechanics
12 points 0.1000 EFTS
System and structural dynamics. Finite Difference methods. Moment distribution. Energy methods, virtual work. Introduction to displacement method of indeterminate analysis.

P: ENCI 230, ENCI 234, EMTH 271

ENCI334-09S2 (C) **Semester 2**

ENCI 341 Fluid Mechanics 2
12 points 0.1000 EFTS
Navier-Stokes equations, scale and dimensional analysis; irrotational flow; boundary layers; turbulent flow; lift and drag; open channel flow.

P: ENCI 241; EMTH 210

ENCI341-09S2 (C) **Semester 2**

ENCI 351 Geotechnical Engineering 2
12 points 0.1000 EFTS
Stress-strain and shearing behaviour of soils. Analysis of slope stability and stability of retaining walls. Settlement and bearing capacity of shallow and deep foundations.

P: ENCI 252

ENCI351-09S2 (C) **Semester 2**

ENCI 363 Infrastructure Management
12 points 0.1000 EFTS
Engineering economics; time and financial management; contracts and contract administration; management information systems; infrastructure systems.

P: ENCI 262

ENCI363-09S1 (C) **Semester 1**

Please check www.canterbury.ac.nz/courses for the latest course information.

ENCI 383 Environmental Engineering
12 points 0.1000 EFTS
This course gives the fundamental background to microbial and environmental processes in the water and soil environment, with specific applications in water and wastewater treatement, hazardous and solid waste, surface water quality modelling, and air pollution.
P: ENNR 203
R: ENCI 381
ENCI383-09S2 (C) **Semester 2**

ENCI 403 Management of Engineering Systems
12 points 0.1000 EFTS
Systems concepts and the context of engineering decisions. Engineering ethics. Mangement of people, projects and organisations in the construction industry.
ENCI403-09S1 (C) **Semester 1**

ENCI 411 History of Civil Engineering
12 points 0.1000 EFTS
Not Offered in 2009
Significant advances in the art and science of civil engineering. The role of the civil engineer in society.

ENCI 412 Traffic Planning
12 points 0.1000 EFTS
Transportation studies and traffic surveys. Traffic flow theory. Roadway and intersection design. Road safety and accident reduction. Evaluation of transportation projects. Environmental impacts. Traffic Management.
P: ENCI 363
ENCI412-09S1 (C) **Semester 1**

ENCI 415 Pavement Engineering
12 points 0.1000 EFTS
Analysis of stress developed by axle loads. Effect of traffic and environment on pavement response. Pavement management and serviceability. Characterisation of pavement materials. Mechanistic and empirical design methods.
P: ENCI 351
ENCI415-09S2 (C) **Semester 2**

ENCI 423 Structural Analysis
12 points 0.1000 EFTS
Computational analysis of structures, including matrix methods, introduction to finite-element methods and structural dynamics.
P: ENCI 334
ENCI423-09S2 (C) **Semester 2**

ENCI 425 Steel Structures
12 points 0.1000 EFTS
Behaviour and design of steel members. Plastic analysis and design of steel frames. Composite beams. Behaviour of steel frames during earthquakes. Steel connections. Fatigue and fracture mechanics.
P: ENCI 333
C: ENCI 429
ENCI425-09S2 (C) **Semester 2**

ENCI 426 Concrete Structures
12 points 0.1000 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 332
ENCI426-09S1 (C) **Semester 1**

ENCI 429 Structural Systems
12 points 0.1000 EFTS
Earthquake behaviour and design concepts. Slab Design. Plastic Analysis. Strut and Tie Methods. Architecture/ Structural Form. Engineering without numbers.
P: ENCI 332, ENCI 333, ENCI 334
ENCI429-09S1 (C) **Semester 1**

ENCI 445 Coastal and Inland Waters
12 points 0.1000 EFTS
Near field and far field mixing in the environment, description of the key physical processes, turbulent dispersion in rivers, modelling jets and plumes, ocean outfalls, introduction to wave theory, dispersion relationship, wave forces.
P: ENCI 302 and ENCI 341
ENCI445-09S1 (C) **Semester 1**

ENCI 452 Geotechnical Engineering 3
12 points 0.1000 EFTS
Stress-strain behaviour of soils and its modelling. Critical state soil mechanics. Methods for geotechnical analysis and their approximations and limitations. Analysis of piles under axial loading and lateral loading. Design of shallow foundations.
P: ENCI 302, ENCI 351
ENCI452-09S1 (C) **Semester 1**

ENCI 462 Geographic Information Systems
12 points 0.1000 EFTS
Not Offered in 2009
Sources of data for GIS, Coordinate Systems, Map Projections, Data Structures, Spatial Analysis, applications to Civil Engineering.

ENCI 472 Engineering Geology 2
12 points 0.1000 EFTS
Geological data collection and input for engineering works. Engineering geology case studies. Elementary rock mechanics. Engineering and environmental geophysics. Landscape development processes and active tectonics.
P: ENCI 271
ENCI472-09S1 (C) **Semester 1**

ENCI 475 Independent Course of Study
12 points 0.1000 EFTS
P: Subject to approval of the Head of Department.
ENCI475-09S1 (C) **Semester 1**
ENCI475-09W (C) **Whole Year (S1 and S2)**
ENCI475-09S2 (C) **Semester 2**

ENCI 481 Wastewater Treatment Plant Design
12 points 0.1000 EFTS
Physical and biological wastewater treatment plant design for municipal wastewaters. Project, laboratory, and field trip exercises.
P: ENCI 383
R: ENCI 471
ENCI481-09S1 (C) **Semester 1**

ENCI 482 Solid Waste Management
12 points 0.1000 EFTS
Landfills, composting, incineration, and recycling. Integrated analysis of solid waste management systems. Project, laboratories, and field trips.
P: ENCI 383
ENCI482-09S2 (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.
ENCI493-09W (C) **Whole Year (S1 and S2)**

ENCI 494 Project
12 points 0.1000 EFTS
Engineering Research Project.
P: Subject to approval of the Head of Department.
ENCI494-09S1 (C) **Semester 1**

ENCI 495 Project
12 points 0.1000 EFTS
Engineering, scientific and social analyses of civil and environmental engineering projects. Professional practices. Oral and written presentations.
P: Subject to approval of the Head of Department.
ENCI495-09S2 (C) **Semester 2**

ENCI 496 Special Topic in Civil Engineering
12 points 0.1000 EFTS
P: Subject to approval of the Head of Department.
ENCI496-09S1 (C) **Semester 1**
ENCI496-09W (C) **Whole Year (S1 and S2)**
ENCI496-09S2 (C) **Semester 2**

ENCI 497 Special Topic in Civil Engineering
12 points 0.1000 EFTS
P: Subject to approval of the Head of Department.
ENCI497-09S1 (C) **Semester 1**
ENCI497-09W (C) **Whole Year (S1 and S2)**
ENCI497-09S2 (C) **Semester 2**

ENCI 498 Special Topic: Design Project in Civil Engineering
12 points 0.1000 EFTS
ENCI498-09S2 (C) **Semester 2**
Note: Limited entry. See limitation of entry regulations.

ENCI 499 Special Topic: Timber Engineering
12 points 0.1000 EFTS
Review of engineering properties of wood; sawn timber and engineered materials (glulam and LVL); design process of timber structures; light timber frame buildings; conceptual design of single-storey industrial buildings; portal frames and arches; truss systems; connection systems; fire resistance.
P: ENCI 211
ENCI499-09S2 (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.

ENCI 601 Risk Assessment
0.1000 EFTS
Introduction to Risk Concepts: Societal vs. individual risk; Perceived, assessed vs. actual risk; Dimensions of Risk; Risk identification. Risk Assessment: Data selection; Uncertainty and Sensitivity; Probability Distributions; Extreme value theory, Monte Carlo simulation; Fault and Event trees; Reliability theory. Risk Evaluation and Management: Scoring systems; HAZOP, HAZAN, FOSM; Utility theory; Risk appetite and risk acceptability; Ethical aspects of risk evaluation; Risk management strategies. Risk Communication: Fairness and social distribution of risk; Risk perceptions; Communicating risk concepts.
P: Subject to approval of the Head of Department.
ENCI601-09S2 (C) **Semester 2**
Note: Students who wish to enrol in this course must apply to enrol by 17 January 2008.

ENCI 602 Introduction to Continuum Mechanics
0.1000 EFTS
Not Offered in 2009
The study of deformation, stress, and strain in deformable bodies. Elasticity, fluid dynamics.
P: Subject to approval of the Head of Department.

ENCI 603 Construction Operations Analysis and Management

0.1000 EFTS

Not Offered in 2009

Advanced studies in construction project website design and development, construction productivity, and construction operations simulation.

P: Subject to approval of the Head of Department.

ENCI 609 Special Topic: Construction Procurement and Contract Administration

0.1000 EFTS

P: Subject to approval of the Head of Department.

ENCI609-09S1 (C) **Semester 1**

ENCI 610 Special Topic: Construction Management

0.1000 EFTS

P: Subject to approval of the Head of Department.

ENCI610-09S1 (C) **Semester 1**

ENCI 611 Advanced Structural Steel

0.1000 EFTS

Not Offered in 2009

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.

ENCI 612 Bridge Structure

0.1000 EFTS

Not Offered in 2009

Design and construction of prestressed bridges, including live loading, differential temperature, creep and shrinkage of concrete, prestress, seismic design of piers.

P: Subject to approval of the Head of Department.

ENCI 613 Structural Dynamics and Earthquake Engineering

0.1000 EFTS

Dynamic behaviour of multi-degree of freedom structures and various computation methods with particular emphasis on non-linear structural response to earthquake excitation. Soil-structure interaction. Base isolation and passive control of structures.

P: Subject to approval of the Head of Department.

ENCI613-09S1 (C) **Semester 1**

ENCI 614 Advanced Timber Engineering

0.1000 EFTS

Review of earthquake engineering principles; earthquake resistance of timber buildings; conceptual design of multi-storey buildings; ply shear walls and diaphragm action; traditional and innovative timber floor solutions; acoustics insulation and fire resistance.

P: Subject to approval of the Head of Department.

ENCI614-09S2 (C) **Semester 2**

ENCI 615 Advanced Structural Concrete; Displacement Based Seismic Design and Retrofit Techniques

0.1000 EFTS

Not Offered in 2009

Seismic design of precast/prestressed concrete structures. Vulnerability assessment of existing reinforced concrete buildings. Seismic behaviour of beam-column joints and frame systems. Modelling aspects. Retrofit strategies using FRP (Fibre Reinforced Polymers) materials.

P: Subject to approval of the Head of Department.

ENCI 616 Finite Element Analysis

0.1000 EFTS

Not Offered in 2009

Finite element methods applied to civil engineering analyses. One, two or three dimensional analysis. Hybrid stress finite element formulations. Mesh generation. Boundary element methods.

P: Subject to approval of the Head of Department.

ENCI 617 Engineering Seismology

0.1000 EFTS

Not Offered in 2009

Review of concepts of seismology, seismic models, wave propagation and attenuation; site effects; case histories of damaging earthquakes; modelling strong ground motion. Seismic hazard analysis and seismic design loads.

P: Subject to approval of the Head of Department.

ENCI 618 Foundation Engineering

0.1000 EFTS

Not Offered in 2009

Pile engineering practice (including static design methods, installation techniques, and pile driving analysis), design foundation design to resist earthquake loads.

P: Subject to approval of the Head of Department.

ENCI 620 Geotechnical Earthquake Engineering

0.1000 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.

ENCI620-09S2 (C) **Semester 2**

ENCI 621 Concrete Materials and Practice

0.1000 EFTS

Not Offered in 2009

Concrete as a construction material. Concrete technology. Advanced binder systems. Durability. Repairs. Practical applicaitons. Case studies and site visits.

P: Subject to approval of the Head of Department.

ENCI 629 Special Topic

0.1000 EFTS

P: Subject to approval of the Head of Department.

ENCI629-09S2 (C) **Semester 2**

ENCI 630 Special Topic: Nonlinear Concrete Mechanics

0.1000 EFTS

P: Subject to approval of the Head of Department.

ENCI630-09S1 (C) **Semester 1**

ENCI 632 Ground Water Flow

0.1000 EFTS

Not Offered in 2009

Groundwater resource analysis. The equations of motion, boundary conditions and solutions for groundwater hydraulics and contaminant transport.

P: Subject to approval of the Head of Department.

ENCI 634 Water Chemistry

0.1000 EFTS

Not Offered in 2009

Application of principles of physical chemistry to the description and composition of natural waters and engineering treatment of drinking water and wastewater. Studies of acid/base chemistry, complexation, precipitation, and oxidation-reduction potential chemistry.

P: Subject to approval of the Head of Department.

ENCI 635 Ecological Engineering

0.1000 EFTS

Not Offered in 2009

Ecological Engineering is the design of sustainable ecosystems that integrate human society with its natural environment for the benefit of both. The course considers environmental issues at global and local levels, ecology, system principles, environmental assesment techniques, the RMA, ethics, social impact assesment etc.

P: Subject to approval of the Head of Department.

ENCI 636 Advanced Biological Waste Processes

0.1000 EFTS

Biochemical pathways. Activated sludge kinetics. Biological phosphorus and nitrogen removal. Fermenter design.

P: Subject to approval of the Head of Department.

ENCI636-09S2 (C) **Semester 2**

ENCI 637 Marine Pollution Modelling

0.1000 EFTS

This course explores applications of fluid mechanics and hydraulic concepts in the modelling of marine pollution problems. The focus is on near field mixing from point sources of pollution. Although taught in a specific context, the approaches to modelling these mixing processes have numerous applications in other areas, such as volcanic eruptions, air pollution and fire engineering. A detailed treatment of the behaviour of wastewater once it is released into the environment is given. Those factors that influence the dilution of the effluent as it rises to the ocean surface are considered including the formation of jets, plumes and buoyant jets, as are the influences of ambient motion, ambient stratification and boundaries. The formation of surface fields and the influence of ambient mixing processes are also discussed.

P: Subject to approval of the Head of Department.

ENCI637-09S2 (C) **Semester 2**

ENCI 638 Environmental Fluid Dynamics

0.1000 EFTS

Introduction to environmental fluid dynamics - physical mechanisms. Turbulence - structure of turbulent flows, governing equations, scales, turbulence modelling, turbulent mixing in the environment, turbulent dispersion in rivers, and turbulent jets. Buoyancy effects - governing equations and scale analysis for free and forced convection, convection in horizontal layers, plumes, waves.

P: Subject to approval of the Head of Department.

ENCI638-09S1 (C) **Semester 1**

ENCI 648 Special Topic

0.1000 EFTS

P: Subject to approval of the Head of Department.

ENCI648-09S1 (C) **Semester 1**

ENCI 657 Special Topic: Advanced Shockwave Modelling for Fault Monitoring in Pipeline Systems

0.1000 EFTS

P: Subject to approval of the Head of Department.

ENCI657-09S2 (C) **Semester 2**

ENCI 658 Special Topic: Strategic Management in Construction

0.1000 EFTS

P: Subject to approval of the Head of Department.

ENCI658-09S2 (C) **Semester 2**

ENCI 660 Special Topic: Project Managment - Planning and Control Techniques

0.1000 EFTS

P: Subject to approval of the Head of Department.

ENCI660-09S2 (C) **Semester 2**

ENCI 669 Special Topic in Civil Engineering
0.1000 EFTS

P: Subject to approval of the Head of Department.

ENCI669-09S1 (C) **Semester 1**
ENCI669-09W (C) **Whole Year (S1 and S2)**
ENCI669-09S2 (C) **Semester 2**

ENCI 670 Special Topic in Civil Engineering
0.1000 EFTS

P: Subject to approval of the Head of Department.

ENCI670-09S1 (C) **Semester 1**
ENCI670-09W (C) **Whole Year (S1 and S2)**
ENCI670-09S2 (C) **Semester 2**

ENCI 675 Independent Course of Study
0.1000 EFTS

P: Subject to approval of the Head of Department.

ENCI675-09S1 (C) **Semester 1**
ENCI675-09W (C) **Whole Year (S1 and S2)**
ENCI675-09S2 (C) **Semester 2**

ENCI 680 Civil ME Project [Full Time]
0.6000 EFTS

P: Subject to approval of the Head of Department.

ENCI680-09A (C) **Starts Anytime**
ENCI680-09W (C) **Whole Year (S1 and S2)**

ENCI 682 Special Topic Civil Engineering - Project
0.2000 EFTS

P: Subject to approval of the Head of Department

ENCI682-09S1 (C) **Semester 1**
ENCI682-09W (C) **Whole Year (S1 and S2)**
ENCI682-09S2 (C) **Semester 2**

ENCI 690 Civil ME Thesis
1.0000 EFTS

P: Subject to approval of the Head of Department.

ENCI690-09A (C) **Starts Anytime**

Note: 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.

ENCI790-09A (C) **Starts Anytime**

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

Classics

College of Arts

CLAS 104 Greek Mythologies
18 points 0.1500 EFTS

An introduction to Greek myth and its manifestations in ancient Greek literature, art and philosophy.

R: CLAS 102, CLAS 103, CLAS 107

CLAS104-09S1 (C) **Semester 1**

CLAS 105 Roman Mythologies
18 points 0.1500 EFTS

An introduction to the mythology of empire, its promulgation in literature and art, and its subversion.

R: CLAS 102, CLAS 103

CLAS105-09S2 (C) **Semester 2**

CLAS 106 Ancient Egyptian Art
18 points 0.1500 EFTS

Not Offered in 2009

An introduction to Egyptian Art from the pre-dynastic to the Roman period.

CLAS 111 Greek History
18 points 0.1500 EFTS

The history of the Greek world from Homer to the Hellenistic age.

CLAS111-09S2 (C) **Semester 2**

CLAS 112 Roman History
18 points 0.1500 EFTS

The history of the Roman world from the Etruscans to the late Roman Empire.

R: CLAS 113

CLAS112-09S1 (C) **Semester 1**

CLAS 134 Beginners' Greek A
18 points 0.1500 EFTS

An introduction to Greek grammar and reading Greek.

R: CLAS 131

CLAS134-09S1 (C) **Semester 1**

CLAS 135 Beginners' Greek B
18 points 0.1500 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 Director.
R: CLAS 131

CLAS135-09S2 (C) **Semester 2**

CLAS 141 Classical Concepts of Beauty
18 points 0.1500 EFTS
An introductory examination of theories of art and reality in ancient Athens.
R: PHIL 140, ARTT 101, PHIL 141
EQ: PHIL 141
CLAS141-09S1 (C) **Semester 1**

CLAS 144 Beginners' Latin A
18 points 0.1500 EFTS
An introduction to Latin grammar and to reading Latin.
R: CLAS 143
CLAS144-09S1 (C) **Semester 1**

CLAS 145 Beginners' Latin B
18 points 0.1500 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 Director.
R: CLAS 143
CLAS145-09S2 (C) **Semester 2**

CLAS 201 Theatre and Performance in the Ancient World
22 points 0.1833 EFTS
Not Offered in 2009
A study of selected plays in translation, and aspects of performance and rhetoric.
P: Either 18 points of CLAS at 100 level with a B pass; or 36 points of CLAS at 100 level; or any 54 points from the Arts Schedule.
R: CLAS 321

CLAS 206 Greek Arts: Images and Ideas in Archaic and Classical Greece
22 points 0.1833 EFTS
Not Offered in 2009
A survey of sculpture, painting and architecture to the 1st century B.C. 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 18 points of CLAS at 100 level with a B pass; or 36 points of CLAS at 100 level; or any 54 points from the Arts Schedule.
R: CLAS 121, CLAS 209, CLAS 326

CLAS 207 Roman Art
22 points 0.1833 EFTS
A survey of Etruscan and Roman sculpture, painting and architecture. 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 18 points of CLAS at 100 level with a B pass; or 36 points of CLAS at 100 level; or any 54 points from the Arts Schedule.
R: CLAS 317
CLAS207-09S1 (C) **Semester 1**

CLAS 213 Alexander the Great
22 points 0.1833 EFTS
A survey of the career of Alexander the Great (336 to 323 B.C.) with special attention to problems of source interpretation.
P: Either 18 points of CLAS at 100 level with a B pass; or 36 points of CLAS at 100 level; or any 54 points from the Arts Schedule.
R: CLAS 313
CLAS213-09S1 (C) **Semester 1**

CLAS 214 Imperial Rome
22 points 0.1833 EFTS
Not Offered in 2009
Rome under the early Roman emperors. Note: course requirements in this combined 200 and 300-level course will be apprpriate to the level at which the student is enrolled.
P: Either 18 points of CLAS at 100 level with a B pass; or 36 points of CLAS at 100 level; or any 54 points from the Arts Schedule.
R: CLAS 318

CLAS 219 Sport and Leisure in the Ancient World
22 points 0.1833 EFTS
Not Offered in 2009
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 18 points of CLAS at 100 level with a B pass; or 36 points of CLAS at 100 level; or any 54 points from the Arts Schedule.
R: CLAS 319

CLAS 220 Troy and Ancient Epic
22 points 0.1833 EFTS
A study of the theme of Troy in the Iliad, the Odyssey and Virgil's Aeneid. 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 18 points of CLAS at 100 level with a B pass; or 36 points of CLAS at 100 level; or any 54 points from the Arts Schedule.
R: CLAS 202, CLAS 203, CLAS 320, CLAS 323
CLAS220-09S2 (C) **Semester 2**

CLAS 224 Greek Philosophy
22 points 0.1833 EFTS
Historical and analytical introduction to the philosophy of Plato and 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 18 points in Philosophy or 36 points in Classics.
R: CLAS 324, PHIL 224
EQ: PHIL 224
CLAS224-09S2 (C) **Semester 2**

Please check www.canterbury.ac.nz/courses for the latest course information.

CLAS 226 Roman Satire
22 points 0.1833 EFTS

Not Offered in 2009

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 18 points of CLAS at 100 level with a B pass; or 36 points of CLAS at 100 level; or any 54 points from the Arts Schedule.
R: CLAS 306

CLAS 234 Intermediate Greek Authors 1
22 points 0.1833 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 this prerequisite by with previous experience in the language may be admitted to the course at the discretion of the Programme Director.
R: CLAS 231

CLAS234-09S1 (C) **Semester 1**

CLAS 235 Intermediate Greek Authors 2
22 points 0.1833 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 this prerequisite by with previous experience in the language may be admitted to the course at the discretion of the Programme Director.
R: CLAS 231

CLAS235-09S2 (C) **Semester 2**

CLAS 244 Intermediate Latin Authors 1
22 points 0.1833 EFTS

A study of selected Latin texts and unseen passages, with emphasis on the development of knowledge of the language.

P: CLAS 143 or CLAS 145. Students without this prerequisite by with previous experience in the language may be admitted to the course at the discretion of the Programme Director.
R: CLAS 241

CLAS244-09S1 (C) **Semester 1**

CLAS 245 Intermediate Latin Authors 2
22 points 0.1833 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 this prerequisite by with previous experience in the language may be admitted to the course at the discretion of the Programme Director.
R: CLAS 241

CLAS245-09S2 (C) **Semester 2**

CLAS 306 Roman Satire
28 points 0.2333 EFTS

Not Offered in 2009

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 22 points of CLAS at 200 level with a B pass; or 44 points of CLAS at 200 level; or any 66 points at 200 level from the Arts Schedule.
R: CLAS 301, CLAS 226

CLAS 307 Topics in Ancient History: A History of Israel from the Exile to AD 70
28 points 0.2333 EFTS

P: Either 22 points of CLAS at 200 level with a B pass; or 44 points of CLAS at 200 level; or any 66 points at 200 level from the Arts Schedule.

CLAS307-09S1 (C) **Semester 1**

CLAS 308 Personal and Erotic Poetry after Alexander
28 points 0.2333 EFTS

Not Offered in 2009

A survey of Greek poetry written between 323 and 50 B.C., concentrating on Alexandria.

P: Either 22 points of CLAS at 200 level with a B pass; or 44 points of CLAS at 200 level; or any 66 points at 200 level from the Arts Schedule.

CLAS 310 Writing in Chains: Latin Literature and Roman Slavery
28 points 0.2333 EFTS

Not Offered in 2009

An examination of Roman slavery from a literary and cultural-historical perspective.

P: Either 22 points of CLAS at 200 level with a B pass; or 44 points of CLAS at 200 level; or any 66 points at 200 level from the Arts Schedule.

CLAS 314 Art and Archaeology of Ancient Mediterranean Cities: Concepts of Art and Literature from Homer to Aristotle
28 points 0.2333 EFTS

P: Either 22 points of CLAS at 200 level with a B pass; or 44 points of CLAS at 200 level; or any 66 points at 200 level from the Arts Schedule.

CLAS314-09S2 (C) **Semester 2**

CLAS 315 Special Topic
28 points 0.2333 EFTS

Not Offered in 2009

An examination of Greek vase painting, sculpture and architecture from c. 750-350 BC in its social contexts, with reference to Greek myth and literature, the political and

cultural background, and the rise of ancient aesthetic theories.

P: Either 22 points of CLAS at 200 level with a B pass; or 44 points of CLAS at 200 level; or any 66 points at 200 level from the Arts Schedule.

CLAS 316 Topics in Classical Literature and Culture: Roman Law

28 points 0.2333 EFTS

P: Either 22 points of CLAS at 200 level with a B pass, or 44 points of CLAS at 200 level, or any 66 points at 200 level from the Arts Schedule

CLAS316-09S1 (C) **Semester 1**

CLAS 317 Roman Art

28 points 0.2333 EFTS

A survey of Etruscan and Roman sculpture, painting and architecture. 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 22 points of CLAS at 200 level with a B pass; or 44 points of CLAS at 200 level; or any 66 points at 200 level from the Arts Schedule.

R: CLAS 207

CLAS317-09S1 (C) **Semester 1**

CLAS 318 Imperial Rome

28 points 0.2333 EFTS

Not Offered in 2009

Rome under the early Roman emperors. Note: course requirements in this combined 200 and 300-level course will be apprpriate to the level at which the student is enrolled.

P: Either 22 points of CLAS at 200 level with a B pass; or 44 points of CLAS at 200 level; or any 66 points at 200 level from the Arts Schedule.

R: CLAS 214

CLAS 319 Sport and Leisure in the Ancient World

28 points 0.2333 EFTS

Not Offered in 2009

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 22 points of CLAS at 200 level with a B pass; or 44 points of CLAS at 200 level; or any 66 points at 200 level from the Arts Schedule.

R: CLAS 219

CLAS 320 Troy and Ancient Epic

28 points 0.2333 EFTS

A study of the theme of Troy in the Iliad, the Odyssey and Virgil's Aeneid. 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 22 points of CLAS at 200 level with a B pass; or 44 points of CLAS at 200 level; or any 66 points at 200 level from the Arts Schedule.

R: CLAS 203, CLAS 220

CLAS320-09S2 (C) **Semester 2**

CLAS 321 Theatre and Performance in the Ancient World

28 points 0.2333 EFTS

Not Offered in 2009

A study of selected plays in translation, and aspects of performance and rhetoric. 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 22 points of CLAS at 200 level with a B pass; or 44 points of CLAS at 200 level; or any 66 points at 200 level from the Arts Schedule.

R: CLAS 201

CLAS 324 Greek Philosophy

28 points 0.2333 EFTS

Historical and analytical introduction to the philosophy of Plato and 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 22 points in 200-level Philosophy or 200-level Classics.

R: PHIL 224, CLAS 224

CLAS324-09S2 (C) **Semester 2**

CLAS 326 Greek Arts: Images and Ideas in Archaic and Classical Greece

28 points 0.2333 EFTS

Not Offered in 2009

A survey of sculpture, painting and architecture to the 1st century BC. 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 22 points of CLAS at 200 level with a B pass; or 44 points of CLAS at 200 level; or any 66 points at 200 level from the Arts Schedule.

R: CLAS 206, CLAS 209, CLAS 315

CLAS 334 Advanced Greek Authors 1

28 points 0.2333 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 Director.

R: CLAS 331

CLAS334-09S1 (C) **Semester 1**

CLAS 335 Advanced Greek Authors 2
28 points 0.2333 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 Director.
R: CLAS 331

CLAS335-09S2 (C) **Semester 2**

CLAS 342 Readings from Latin Literature
28 points 0.2333 EFTS

Not Offered in 2009

Rapid reading of Latin texts, building on CLAS 344.

P: CLAS 344.

CLAS 344 Advanced Latin Authors 1
28 points 0.2333 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 Director.
R: CLAS 341

CLAS344-09S1 (C) **Semester 1**

CLAS 345 Advanced Latin Authors 2
28 points 0.2333 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 Director.
R: CLAS 341

CLAS345-09S2 (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.

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 Head of Department.

CLAS401-09W (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 Head of Department.

CLAS402-09W (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 Head of Department.

CLAS403-09W (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 Head of Department.

CLAS404-09W (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 Head of Department.

CLAS405-09W (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 Head of Department.

CLAS406-09W (C) **Whole Year (S1 and S2)**

CLAS 407 Historical Topic: Ancient Israel
0.2500 EFTS

A history of Israel from the Exile to AD70

P: Subject to approval of the Head of Department

CLAS407-09S2 (C) **Semester 2**

CLAS 408 A Philosophical Topic
0.2500 EFTS

Not Offered in 2009

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 Head of Department.

CLAS 409 Special Topic: Personal and Erotic Poetry after Alexander
0.2500 EFTS

P: Subject to approval of the Head of Department.

CLAS409-09W (C) **Whole Year (S1 and S2)**

CLAS 411 Special Topic in Ancient Literature and Culture: Roman Law

0.2500 EFTS

P: Subject to approval of the Head of Department.
R: CLAS 316
CLAS411-09S1 (C) **Semester 1**

CLAS 412 Greek and Roman Theatre

0.2500 EFTS

Not Offered in 2009
Studies in text and the theory of performance.
P: Subject to approval of the Head of Department.
R: DRAM 403 (in 2001), TAFS 403
EQ: TAFS 403

CLAS 414 Special Topic: Patronage in Roman Art

0.2500 EFTS

Not Offered in 2009
P: Subject to approval of the Head of Department.

CLAS 415 Prescribed Texts: Greek

0.2500 EFTS

A variety of Greek texts, for translation and critical analysis.
P: Subject to approval of the Head of Department.
CLAS415-09W (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 Head of Department.
CLAS416-09W (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 Head of Department.
CLAS450-09W (C) **Whole Year (S1 and S2)**

CLAS 452 Greek Law

0.2500 EFTS

Not Offered in 2009
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 Head of Department.

CLAS 453 Research Essay

0.2500 EFTS

A substantial piece of work on a particular topic.
P: Subject to approval of the Head of Department.
CLAS453-09W (C) **Whole Year (S1 and S2)**

CLAS 454 Special Topic: Concepts of Art and Literature from Homer to Aristotle

0.2500 EFTS

P: Subject to approval of the Head of Department.
CLAS454-09W (C) **Whole Year (S1 and S2)**

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 Head of Department.
CLAS460-09S1 (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 Head of Department.
CLAS480-09W (C) **Whole Year (S1 and S2)**

CLAS 690 MA Thesis

1.0000 EFTS

P: Subject to approval of the Head of Department.
CLAS690-09A (C) **Starts Anytime**
Note: Part-time enrolment (0.65 EFTS) is available on approval.

CLAS 790 Classics PhD

1.0000 EFTS

P: Subject to approval of the Head of Department.
CLAS790-09A (C) **Starts Anytime**
Note: Part-time enrolment (0.65 EFTS) is available on approval.
**From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Communication Disorders

Department of Communication Disorders

CMDS 111 Introduction to Developmental Communication Disorders

18 points 0.1500 EFTS

The mechanisms and development of normal communication in children and developmental communication disorders.
R: SPTH 101
CMDS111-09S1 (C) **Semester 1**

CMDS 112 Introduction to Acquired Communication Disorders

18 points 0.1500 EFTS

This course will introduce students to adult neurogenic communication disorders and other speech and language disorders in adult populations.

R: SPTH 101

CMDS112-09S2 (C) **Semester 2**

CMDS 161 Anatomy and Physiology of the Speech and Hearing Mechanism

18 points 0.1500 EFTS

Study of the anatomy and physiology of the speech and hearing mechanisms including human development with specific attention to the respiratory, phonatory, and other nervous systems.

R: CMDS 261.

CMDS161-09S1 (C) **Semester 1**

CMDS 221 Linguistics and Language Acquisition

15 points 0.1250 EFTS

The study of normal language development and language analysis including phonology, syntax, semantics and pragmatics.

CMDS221-09S1 (C) **Semester 1**

CMDS 222 Language Disorders in Children

15 points 0.1250 EFTS

The assessment and treatment of language disorders, differences and delays in children including specific language impairment, congenital syndromes, learning disabilities and environmental factors.

CMDS222-09S2 (C) **Semester 2**

CMDS 231 Acoustics and Phonetics

18 points 0.1500 EFTS

Study of phonetic and phonemic transcription using the International Phonetic Alphabet and the relationship between articulatory phonetics, acoustic phonetics and speech perception.

CMDS231-09S1 (C) **Semester 1**

CMDS 232 Articulation and Phonology

15 points 0.1250 EFTS

The study of normal speech sound acquisition, phonological development and the assessment and treatment of articulation and phonological disorders.

CMDS232-09S2 (C) **Semester 2**

CMDS 242 Introduction to Audiology

18 points 0.1500 EFTS

Introduction to types of hearing impairment, pathologies of the hearing mechanism, tests and clinical procedures used in audiological evaluations.

CMDS242-09S1 (C) **Semester 1**

CMDS 262 Neurosciences

18 points 0.1500 EFTS

Introduction to brain mechanisms and disorders of neurogenic origin.

CMDS262-09S2 (C) **Semester 2**

CMDS 281 Observation and Clinical Practice 1

9 points 0.0750 EFTS

Introduction to clinical observation in a variety of settings; application of theory in therapy.

CMDS281-09S1 (C) **Semester 1**

CMDS 282 Clinical Practice 2

12 points 0.1000 EFTS

Introduction to concepts in clinical assessment and case management practices for individuals and groups.

CMDS282-09S2 (C) **Semester 2**

CMDS 320 Spoken and Written Language Disorders in Education

12 points 0.1000 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)

CMDS320-09S1 (C) **Semester 1**

CMDS 322 Advanced Language Analysis

12 points 0.1000 EFTS

The study of later language development and further linguistic analysis with a focus on discourse.

CMDS322-09S2 (C) **Semester 2**

CMDS 343 Health Disciplines

12 points 0.1000 EFTS

Observation and problem-solving during rotating attachments with medical specialists such as Health Care of the Elderly, Neurology, Otolaryngology.

P: CMDS 261 (SPTH 261), CMDS 262 (SPTH 262), CMDS 281 (SPTH 281), CMDS 282 (SPTH 282)

CMDS343-09S2 (C) **Semester 2**

CMDS 351 Fluency Disorders

12 points 0.1000 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.

CMDS351-09S2 (C) **Semester 2**

CMDS 363 Motor Speech Disorders

12 points 0.1000 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.

CMDS363-09S2 (C) **Semester 2**

CMDS 365 Dysphagia and Related Disorders - Diagnosis

12 points 0.1000 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.

CMDS365-09S1 (C) **Semester 1**

CMDS 367 Voice Science and Disorders

12 points 0.1000 EFTS

Fundamentals of voice production, laryngeal pathophysiology, voice and resonance disorders, voice therapy, and vocal measurement.

CMDS367-09S2 (C) **Semester 2**

CMDS 369 Aphasia and Related Disorders

12 points 0.1000 EFTS

The study of acquired language disorders following stroke, traumatic brain injury, and progressive brain conditions.

CMDS369-09S1 (C) **Semester 1**

CMDS 381 Clinical Practice 3

12 points 0.1000 EFTS

Supervised off-campus roster in an educational or health setting across the country.

CMDS381-09S1 (C) **Semester 1**

CMDS 382 Clinical Practice 4

12 points 0.1000 EFTS

Supervised clinical practice in a variety of settings.

P: CMDS 281 (SPTH 281) and CMDS 282 (SPTH 282)

CMDS382-09S2 (C) **Semester 2**

CMDS 410 Cultural and Ethical Issues

15 points 0.1250 EFTS

CMDS410-09S1 (C) **Semester 1**

CMDS 442 Aural Rehabilitation

15 points 0.1250 EFTS

Aural rehabilitation of adults and habilitation of children with a hearing impairment.

CMDS442-09S2 (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 early vocal development, cleft palate, alternative and augmentative communication, and phonological processing disorder.

CMDS461-09S1 (C) **Semester 1**

CMDS 462 Special Topic

15 points 0.1250 EFTS

Self-directed learning or clinical research.

CMDS462-09S2 (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)

CMDS465-09S1 (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)

CMDS482-09S1 (C) **Semester 1**

CMDS 484 Clinical Practice 6

30 points 0.2500 EFTS

Supervised practicum that fosters independent practice, translating theory and empirical research into practice in an educational or health setting.

P: CMDS 381, CMDS 383.

CMDS484-09S2 (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.

CMDS490-09W (C) **Whole Year (S1 and S2)**

Note: 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.

CMDS605-09W (C) **Whole Year (S1 and S2)**

CMDS 695 MSLT Thesis

0.8750 EFTS

P: Subject to approval of Head of Department

CMDS695-09A (C) **Starts Anytime**

Note: 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 Therapy PhD

1.0000 EFTS

CMDS790-09A (C) **Starts Anytime**

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

**From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Computational and Applied 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.

CAMS449-09W (C) **Whole Year (S1 and S2)**

CAMS 690 MSc Thesis

1.0000 EFTS

P: Subject to approval of the Head of Department.

CAMS690-09A (C) **Starts Anytime**

Note: 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.

CAMS790-09A (C) **Starts Anytime**

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

**From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Computer Engineering

Department of Electrical and Computer Engineering

Note: Timetable information for professional engineering courses will be available at www.engf.canterbury.ac.nz/timetables.html from 1 February 2009.

ENCE 208 C Programming

10 points 0.0830 EFTS

This course teaches the C Programming language and includes an introduction to C++. Emphasis in the laboratory is on using C in a Unix environment, but we also introduce you to one or two example IDEs (integrated Development Environments).

P: Subject to approval of the Dean of Engineering and Forestry
R: COSC 208, ENEL 208
EQ: COSC 208

ENCE208-09S1 (C) **Semester 1**

ENCE 221 Introduction to Computer Systems

10 points 0.0830 EFTS

Topics include introduction to computer architecture - data representation; assembly language (MIPS); software-hardware interface and operating system services - operating system abstractions (process, files, memory, etc.); resource management using system calls; user (systems programmer) interface to the operating system.

P: Subject to approval of the Dean of Engineering and Forestry
R: COSC 221, ENEL 221
EQ: COSC 221

ENCE221-09S2 (C) **Semester 2**

ENCE 427 Computer Engineering Project

24 points 0.2000 EFTS

All candidates are required to undertake project work, submit progress and final reports and present their work orally.

P: ENEL 350
R: ENEL 427

ENCE427-09W (C) **Whole Year (S1 and S2)**

Computer Science

Department of Computer Science and Software Engineering

COSC 110 Working in a Digital World

18 points 0.1500 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.

COSC110-09W (C) **Whole Year (S1 and S2)**

COSC 121 Computer Science 1A

18 points 0.1500 EFTS

Computer programming in a high-level language with special emphasis on style and structure.

R: COSC 123

COSC121-09S1 (C) **Semester 1**

COSC121-09S2 (C) **Semester 2**

COSC 122 Computer Science 1B

18 points 0.1500 EFTS

An introduction to computer science, including algorithms, computability, complexity and object-oriented programming metaphors.

R: COSC 112, CMIS 112

COSC122-09S2 (C) **Semester 2**

COSC 208 C Programming

11 points 0.0917 EFTS

This course teaches the C Programming language and includes an introduction to C++. Emphasis in the laboratory is on using C in a Unix environment, but we also introduce you to one or two example IDEs (Integrated Development Environments).

P: (1) COSC 121 or COSC 123; (2) 18 points from Mathematics, Statistics, or Engineering Mathematics. MATH 101 is not acceptable. MATH 115/STAT 111/STAT 131/STAT 112 are strongly recommended.
R: COSC 204, COSC 240, ENEL 208, ENCE 208
EQ: COSC 240, ENCE 208

COSC208-09S1 (C) **Semester 1**

COSC 221 Computer Systems

11 points 0.0917 EFTS

Introduction to computer architecture and operating systems.

P: (1) COSC 121 or COSC 123; (2) COSC 122; (3) 18 points from Mathematics, Statistics or Engineering Mathematics. MATH 101 is not acceptable. MATH 115/STAT 131/STAT 111/STAT 112 are strongly recommended.
R: ENEL 221

COSC221-09S2 (C) **Semester 2**

COSC 222 Foundations of Computer Science

11 points 0.0917 EFTS

A study of topics that form the foundations of Computer Science, including logic, discrete structures, automata and computability.

P: 1) COSC 121 or COSC 123 2) COSC 122 3) 18 points from Mathematics, Statistics or Engineering Mathematics. MATH 115/STAT 131/STAT 111/STAT 112 are strongly recommended. MATH 101 is not acceptable.
R: COSC 202

COSC222-09S1 (C) **Semester 1**

COSC 224 Introduction to Software Engineering

11 points 0.0917 EFTS

An introduction to Software Engineering and the issues of developing large, complex software systems.

P: (1) COSC 121 or COSC 123; (2) COSC 122; (3) 18 points from Mathematics, Statistics or Engineering Mathematics. MATH 101 is not acceptable. MATH 115/STAT 131/STAT 111/STAT 112 are strongly recommended.
R: COSC 205

COSC224-09S2 (C) **Semester 2**

COSC 225 Human-Computer Interaction

11 points 0.0917 EFTS

A study of the design, construction and analysis of user interfaces.

P: (1) COSC 121 or COSC 123; (2) COSC 122; (3) 18 points from Mathematics, Statistics or Engineering Mathematics. MATH 115/STAT 131/STAT 111/STAT 112 are strongly recommended. MATH 101 is not acceptable.
R: COSC 314 before 2001.

COSC225-09S1 (C) **Semester 1**

COSC 226 Introduction to Databases

11 points 0.0917 EFTS

Introduction to data models and relational databases.

P: (1) COSC 121 or AFIS 125; (2) 18 points from Mathematics, Statistics or Engineering Mathematics. MATH 101 is not acceptable. MATH 115/STAT 131/STAT 111/STAT 112 are strongly recommended.
R: COSC 205

COSC226-09S1 (C) **Semester 1**

COSC 227 Probabilistic Methods and Information Theory

11 points 0.0917 EFTS

Introduction to probabilistic methods, information theory and data communication networks.

P: (1) COSC 121 or COSC 123; (2) COSC 122; (3) 18 points from Mathematics, Statistics or Engineering Mathematics. MATH 101 is not acceptable. MATH 115/STAT 131/STAT 111/STAT 112 are strongly recommended.
R: COSC 201

COSC227-09S2 (C) **Semester 2**

COSC 229 Algorithms

11 points 0.0917 EFTS

A study of the design and analysis of algorithms, and applications of algorithms.

P: (1) COSC 121 or COSC 123; (2) COSC 122; (3) 18 points from Mathematics, Statistics or Engineering Mathematics. MATH 101 is not acceptable. MATH 115/STAT 131/STAT 111/STAT 112 are strongly recommended.

R: COSC 202

COSC229-09S2 (C) **Semester 2**

COSC 230 Programming Languages

11 points 0.0917 EFTS

A study of elementary implementation techniques for imperative languages and an introduction to functional and logic programming.

P: (1) COSC 121 or COSC 123; (2) COSC 122; (3) 18 points from Mathematics, Statistics or Engineering Mathematics. MATH 101 is not acceptable. MATH 115/STAT 131/STAT 111/STAT 112 are strongly recommended.

R: COSC 202, COSC 302

COSC230-09S2 (C) **Semester 2**

COSC 231 Introduction to Data Communications

11 points 0.0917 EFTS

A study of the principles of data communications and networks.

P: (1) COSC 121 or COSC 123; (2) COSC 122; (3) 18 points from Mathematics, Statistics or Engineering Mathematics. MATH 101 is not acceptable. MATH 115/STAT 131/STAT 111/STAT 112 are strongly recommended.

COSC231-09S1 (C) **Semester 1**

COSC 241 Special Topic

11 points 0.0917 EFTS

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

COSC241-09S2 (C) **Semester 2**

COSC 242 Special Topic

11 points 0.0917 EFTS

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

COSC242-09S1 (C) **Semester 1**

COSC 243 Special Topic

11 points 0.0917 EFTS

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

COSC243-09S2 (C) **Semester 2**

COSC 324 Advanced Software Engineering

14 points 0.1167 EFTS

A study of Software Engineering or "programming in the large". Students will be taught concepts, processes and techniques enabling them to fulfiill many of the roles required in large-scale, multi-person software development projects, including software lifecycle processes, advanced Java concepts, Object-Oriented design and design patterns.

P: (1) 44 points of 200-level Computer Science including COSC 224 or COSC 205; (2) 36 points from Mathematics, Statistics or Engineering Mathematics. MATH 115 and STAT 111/STAT 112/STAT 131 are strongly recommended. MATH 101 is not acceptable.

R: COSC 314

RP: COSC 110, COSC 208, COSC 222, COSC 225

COSC324-09S1 (C) **Semester 1**

COSC 325 Software Engineering Group Project

28 points 0.2333 EFTS

The Software Engineering group project gives students in-depth experience in developing software applications in groups. Participants work in small groups (typically five or six students) to develop a complex real application. Emphasis is placed upon the essential professional skills needed to be effective in group work, as well as developing expertise in the analysis, design and implementation of complex software applications.

P: (1) 44 points of 200-level Computer Science including COSC 224 or COSC 205; (2) 36 points from Mathematics, Statistics or Engineering Mathematics. MATH 115 and STAT 111/STAT 112/STAT 131 are strongly recommended. MATH 101 is not acceptable.

R: COSC 314

RP: COSC 110, COSC 208, COSC 225, COSC 226, COSC 324

COSC325-09W (C) **Whole Year (S1 and S2)**

COSC 326 Database Management

14 points 0.1167 EFTS

A study of database management, and an introduction to the current and future trends in the area.

P: (1) 44 points of 200-level Computer Science including COSC 226 or COSC 205; (2) 36 points from Mathematics, Statistics or Engineering Mathematics. MATH 115/STAT 111/STAT 131/STAT 112 are strongly recommended. MATH 101 is not acceptable.

RP: COSC 208, COSC 110.

COSC326-09S1 (C) **Semester 1**

COSC 327 Performance Modelling and Simulation

14 points 0.1167 EFTS

A study of analytical and simulation techniques used in performance modelling of computer systems and networks.

P: (1) 36 points from Mathematics, Statistics, or Engineering Mathematics. MATH 115/STAT 111/STAT 131/STAT 112 are strongly recommended. MATH 101 is not acceptable; (2) 44 points of 200-level Computer Science including COSC 227 or COSC 201

RP: COSC 208

COSC327-09S1 (C) **Semester 1**

COSC 329 Algorithms and Artificial Intelligence

14 points 0.1167 EFTS

A study of advanced algorithms and an introduction to artificial intelligence.

P: (1) 36 points from Mathematics, Statistics or Engineering Mathematics. MATH 115/STAT 111/STAT 131/STAT 112 are strongly recommended. MATH 101 is not acceptable; (2) 44

points of 200-level Computer Science including COSC 229 or COSC 202
RP: COSC 208, COSC 110.
COSC329-09S1 (C) **Semester 1**

COSC 331 Data Communications and Networks

14 points 0.1167 EFTS
A study of modern network infrastructures including TCP/IP and Internet protocols, traffic engineering, routing, switching, broadband and wireless networks.
P: (1) 44 points of 200-level Computer Science including COSC 231; (2) 36 points from Mathematics, Statistics or Engineering Mathematics. MATH 115/STAT 131/STAT 111/STAT 112 are strongly recommended. MATH 101 is not acceptable.
RP: COSC 208, COSC 110 and COSC 227.
COSC331-09S2 (C) **Semester 2**

COSC 332 Data and Network Security

14 points 0.1167 EFTS
A study of the principles and practice of security for both stored and transmitted information.
P: (1) 44 points of 200-level Computer Science including COSC 231 (2) 36 points from Mathematics, Statistics or Engineering Mathematics. MATH 115/STAT 131/STAT 111/STAT 112 are strongly recommended. MATH 101 is not acceptable.
R: ACIS 323, AFIS 323
RP: COSC 208, COSC 110 and COSC 227
COSC332-09S2 (C) **Semester 2**

COSC 361 Microprocessor Systems 1

14 points 0.1167 EFTS
An introduction to the architecture, operation and application of microprocessor systems.
P: (1) 36 points from Mathematics, Statistics, or Engineering Mathematics. MATH 115/STAT 111/STAT 131/STAT 112 are strongly recommended. MATH 101 is not acceptable; (2) 44 points of 200-level Computer Science including COSC 221 and COSC 208, or ENEL 206
R: ELEC 361
EQ: ELEC 361
RP: COSC 110.
COSC361-09S1 (C) **Semester 1**

COSC 363 Computer Graphics

14 points 0.1167 EFTS
This course provides an introduction to the concepts and algorithms in computer graphics, and aims to equip the students with a good knowledge of graphics programming.
P: (1) 36 points from Mathematics, Statistics or Engineering Mathematics. MATH 115/STAT 131/STAT 111/STAT 112 are strongly recommended. MATH 101 is not acceptable. (2) 44 points of 200-level Computer Science including COSC 208.
RP: COSC 110
COSC363-09S2 (C) **Semester 2**

COSC 364 Special Topic

14 points 0.1167 EFTS
P: Subject to approval of the Head of Department.
COSC364-09S1 (C) **Semester 1**

COSC 365 Distributed Computer Architectures

14 points 0.1167 EFTS
This course introduces concepts and techniques for developing distributed computing architectures, which are fundamental to today's increasingly web-based enterprise software engineering problems. Students will learn fundamental concepts including remote procedure calling, portable data/request encoding and architectures for data-centric and process-centric distributed applications. Practical work will be used to develop experience in today's cutting edge distributed technologies, including JEE and .NET.
P: (1) 44 points of 200-level Computer Science including COSC 224, COSC 208 and COSC 226; (2) 36 points from Mathematics, Statistics or Engineering Mathematics. MATH 115 and STAT 111/STAT 112/STAT 131 are strongly recommended. MATH 101 is not acceptable.
RP: COSC 222, COSC 324, COSC 326
COSC365-09S2 (C) **Semester 2**

COSC 366 Research Project

14 points 0.1167 EFTS
Students will gain experience in performing research in the fields of Computer Science and Software Engineering by completing 150 hours of research undertaken with the supervision of an active researcher. The outcomes of the research undertaken will be assessed via an oral presentation (20%), and a written report (80%).
P: Entry subject to approval by the Head of Department.
COSC366-08SU2 (C) **Summer (Nov 08)**

COSC 367 Special Topic

14 points 0.1167 EFTS
P: Entry subject to approval by the Head of Department.
COSC367-09S2 (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.

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.
COSC401-09S2 (C) **Semester 2**

COSC 403 Distributed Systems: Model Driven Architecture and Standards

0.1250 EFTS

Not Offered in 2009

An introduction to techniques for designing and constructing distributed computing systems.

P: Subject to the approval of the Head of Department

COSC 407 Wireless, Mobile and Web Server Security

0.1250 EFTS

This course will provide a study of key security systems appropriate for TCP/IP, wireless mobile and multimedia networks and will include topics such as security of web server design, wireless and mobile security in local, metropolitan and wide area networks.

P: Subject to approval of the Head of Department.
R: AFIS 624

COSC407-09S1 (C) **Semester 1**

COSC 408 Modern Telecommunication Networks (Selected Topics)

0.1250 EFTS

Not Offered in 2009

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 2009

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 and Modelling 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: Subject to approval of the Head of Department.

COSC410-09S2 (C) **Semester 2**

COSC 411 Advanced Topics in HCI

0.1250 EFTS

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.

COSC411-09S1 (C) **Semester 1**

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. BE(Hons) students must have completed COSC 329

COSC413-09S2 (C) **Semester 2**

COSC 414 Visual Language, Hypermedia and the Web

0.1250 EFTS

P: Subject to approval of the Head of Department.

COSC414-09S2 (C) **Semester 2**

COSC 415 Information and Software Visualisation

0.1250 EFTS

P: Subject to approval of the Head of Department.

COSC415-09S2 (C) **Semester 2**

COSC 416 Special Topic

0.1250 EFTS

P: Subject to approval of the Head of Department.

COSC416-09S2 (C) **Semester 2**

COSC 417 Special Topic: Identity and Access Management

0.1250 EFTS

Identification and authentication security techniques used in fixed and wireless networks.

P: Subject to approval of the Head of Department.

COSC417-09S1 (C) **Semester 1**

COSC 418 Special Topic

0.1250 EFTS

P: Subject to approval of the Head of Department.

COSC418-09W (C) **Whole Year (S1 and S2)**

COSC 419 Security/Forensics Project

0.1250 EFTS

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.

COSC419-09S2 (C) **Semester 2**

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.

COSC420-09S1 (C) **Semester 1**

COSC 421 Special Topic

0.1250 EFTS

P: Subject to approval of the Head of Department.

COSC421-09S1 (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 plines, 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.

COSC422-09S1 (C) **Semester 1**

COSC 423 Programming Languages

0.1250 EFTS

Not Offered in 2009

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.

COSC424-09S2 (C) **Semester 2**

COSC 425 Computer Forensics and CyberCrime

0.1250 EFTS

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.

COSC425-09S1 (C) **Semester 1**

COSC 426 Augmented Reality

0.1250 EFTS

P: Subject to approval of the Head of Department.

COSC426-09S2 (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.

COSC427-09S2 (C) **Semester 2**

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. BE(Hons) students must have completed ENEL 351.

COSC428-09S2 (C) **Semester 2**

COSC 429 Information Warfare

0.1250 EFTS

This course will provide an introduction to the subject of information warfare and its role in contemporary military thinking, and to understand the scope and limitations of information operations.

P: Subject to Head of Department approval.

COSC429-09S2 (C) **Semester 2**

COSC 430 Information Security Management

0.1250 EFTS

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.

COSC430-09S1 (C) **Semester 1**

COSC 431 Special Topic: Analysis of Algorithms on Sequences with Applications in Bioinformatics, Multimedia and Data Security

0.1250 EFTS

Not Offered in 2009

P: Subject to approval of Head of Department.

COSC 433 Special Topic

0.1250 EFTS

P: Subject to Head of Department approval.

COSC433-09S1 (C) **Semester 1**

COSC 434 Special Topic

0.1250 EFTS

P: Subject to Head of Department approval.

COSC434-09S1 (C) **Semester 1**

COSC 436 Special Topic: Security Fundamentals

0.1250 EFTS

Not Offered in 2009

Fundamental principles of data and network security including security threats and attacks, firewalls, intrusion detection, authentication, encryption and signature systems, public key management, virtual private networks and wireless security.

P: Subject to Head of Department approval. Normally only available to students enrolled in Postgraduate Diploma in Science: Computer Security and Forensics.
R: AFIS 323 and COSC 332.

COSC 439 Special Topic

0.1250 EFTS

Not Offered in 2009

P: Subject to Head of Department approval.

Please check www.canterbury.ac.nz/courses for the latest course information.

COSC 460 Research Project

0.2500 EFTS

P: Subject to approval of the Head of Department.

COSC460-09W (C) **Whole Year (S1 and S2)**

COSC 475 Independent Course of Study

0.1250 EFTS

P: Subject to approval of the Head of Department

COSC475-09S1 (C) **Semester 1**

COSC475-09W (C) **Whole Year (S1 and S2)**

COSC475-09S2 (C) **Semester 2**

COSC 476 Independent Course of Study

0.5000 EFTS

Not Offered in 2009

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

COSC 690 MSc Thesis

1.0000 EFTS

P: Subject to approval of the Head of Department.

COSC690-09A (C) **Starts Anytime**

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

COSC 695 MCom Thesis

1.0000 EFTS

P: Subject to approval of the Head of Department.

COSC695-09A (C) **Starts Anytime**

COSC 790 Computer Science PhD

1.0000 EFTS

P: Subject to approval of the Head of Department.

COSC790-09A (C) **Starts Anytime**

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

**From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Cultural Studies

College of Arts

CULT 110 Introduction to Cultural Studies and the Media

18 points 0.1500 EFTS

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 as regards 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.

CULT110-09S2 (C) **Semester 2**

CULT 111 Women Writing Across the Centuries: Queen Elizabeth 1 to Zadie Smith

18 points 0.1500 EFTS

Not Offered in 2009

This course offers an introduction to women writers and their work, over a period of four hundred years. It will examine women's lives, and the social, political and cultural conditions in which they wrote.

R: ENGL 113, GEND 111

EQ: ENGL 113, GEND 111

CULT 131 Stand Proud: The Making of Aotearoa / NZ Music

18 points 0.1500 EFTS

CULT131-08SU2 (C) **Summer (Nov 08)**

CULT 132 Cultural Studies: Reading Culture

18 points 0.1500 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

CULT132-09S2 (C) **Semester 2**

CULT 201 Media Audiences

22 points 0.1833 EFTS

This course explores the concept of audience as a component of the mass communication process both in terms of theories relating to audience and the relationship between audience and mass media.

P: COMS 101

R: COMS 201

EQ: COMS 201

CULT201-09S1 (C) **Semester 1**

CULT 202 Cultural Politics/ Cultural Activism

22 points 0.1833 EFTS

The course considers the strategic roles that culture can play in influencing political and social change, studying a wide variety of cultural texts and practices.

P: Any course in 100 level CULT, AMST, FMST, GEND or TAFS.

R: ENGL 232

EQ: ENGL 232

CULT202-09S2 (C) **Semester 2**

CULT 203 Sociological Theory

22 points 0.1833 EFTS

Not Offered in 2009

This course is intended to provide students with an understanding of the development of sociology as a discipline from the Enlightenment to present day.

P: Either 18 points of SOCI at 100 level with a B pass or better; or 36 points of SOCI at 100 level; alternatively students without sociology at 100-level but with a B

average in 72 points from the Arts schedule may take this course.
R: SOCI 215, SOCI 240
EQ: SOCI 240

CULT 204 Popular Culture and the Media
22 points 0.1833 EFTS
This course introduces key theories and concepts designed to understand contemporary mass 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: One of AMST 101-AMST 199 or ENGL 109 or MUSI 109. Students without this prerequisite but with at least a B average in appropriate courses may be admitted to this course with the approval of the Programme Director.
R: AMST 214, AMST 330, DRAM 211, TAFS 211
EQ: AMST 214
CULT204-09S2 (C) **Semester 2**

CULT 205 Postcolonialism and Identities
22 points 0.1833 EFTS
Drawing on colonial history and postcolonial studies, this course explores how gender intersects with race, culture, ethnicity, nationality and place in reproducing or challenging both specific identity claims and communal boundaries. Notions of diaspora and space are introduced and critically examined.
P: Either 18 points of GEND at 100 level, or 18 points of SOCI at 100 level with a B pass or better; or 36 points of SOCI at 100 level; alternatively students without these pre-requisites but with a B average in 72 points from the Arts schedule may be admitted to this course with approval of the Programme Director.
R: FMST 208, GEND 208, SOCI 208, GEND 312, SOCI 352
EQ: GEND 208, SOCI 208
CULT205-09S2 (C) **Semester 2**

CULT 206 From Bambi to Kong: The Animal in American Popular Culture
22 points 0.1833 EFTS
This course provides an introduction to human-animal studies through an analysis of cinematic representations of animals and the environment across horror and science fiction genres, animation, comedy and documentary.
P: Any 36 points from the Arts schedule, or with approval of Programme Director.
R: AMST 236, AMST 331, ENGL 243, GEND 213, GEND 311
EQ: AMST 236, GEND 213
CULT206-09S2 (C) **Semester 2**

CULT 230 Special Topic: Psychoanalysis in Film
22 points 0.1833 EFTS
Not Offered in 2009
P: Any 72 points in 100-level Arts subjects approved by the Cultural Studies Head of School.
R: CULT 330

CULT 231 Special Topic
22 points 0.1833 EFTS
CULT231-09S2 (C) **Semester 2**

CULT 301 Cultural Studies: Theories and Practices
28 points 0.2333 EFTS
A course which will consolidate students' theoretical and methodological engagement with the field of Cultural Studies, as well as expanding this engagement into a multidisciplinary research environment.
P: One of CULT 201, CULT 202, CULT 203, CULT 204, CULT 205, CULT 206.
R: AMST 327, AMST 431
CULT301-09S1 (C) **Semester 1**

CULT 302 Te Ao Hurihuri: Colonisation and Maori
28 points 0.2333 EFTS
This course focuses on the impact of colonisation on traditional Maori society. Topics include first contact; religion and spiritual beliefs, God vs Gods; war, Musket Wars vs Traditional Taua; sovereignty, Settler Government vs Kingitanga and Kotahitanga; prophets, guerrilla warfare vs passive resistance; changes in economic and social life, kumara vs potato; education, te reo vs English. The course looks at the impacts of colonisation on Maori in contemporary times. Students are encouraged to research a topic of their choosing.
P: Any 22 points in Maori and Indigenous Studies or their double-coded equivalents or 44 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 80 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
CULT302-09S1 (C) **Semester 1**

CULT 303 Sexualities in Culture
28 points 0.2333 EFTS
Not Offered in 2009
This course analyses representations and models of 'normal' and 'abnormal' sexuality as these occur in sexology, psychiatry, self-help psychology, cinema and popular culture, and queer activism.
P: Any 44 points from the Arts schedule at level 200, or with approval of Programme Director.
R: AMST 332, ENGL 332, GEND 307, GEND 211
EQ: AMST 332, ENGL 332, GEND 307

CULT 304 African American Women Writers
28 points 0.2333 EFTS
Not Offered in 2009
This course addresses the complex interaction of race, gender and class and how this is represented in both liter-

ary and non-literary texts by and/or about African American women.

P: One of AMST 201-AMST 299 or ENGL 236 or ENGL 237 or one of GEND 201-GEND 299 or a B average in appropriate Arts subjects at 200 level with the approval of the Programme Director.
R: AMST 231, AMST 311, FMST 304, GEND 304
EQ: AMST 311, GEND 304

CULT 305 The Leisure Industry: Disneyfication and Re-working the Politics of Leisure

28 points 0.2333 EFTS

Not Offered in 2009

Since leisure is commonly defined as time away from work, this course will explore the various power relationships inherent in the definitions and assignments of appropriate levels of leisure and work. Analysis will focus on several historical and contemporary standpoints, including the contradictions constructed within New England Puritan society, the nineteenth-century promotion of the "rags to riches" ideal, and Disney's major influence on the tourism, entertainment and technology industries. Central to the topics under investigation will be the dynamics of gender, race, and class as they revealed in interactions with the leisure industry.

P: One of AMST 201-AMST 299 or ENGL 236 or ENGL 237, at least a B average in appropriate Arts subjects at 200 level may enter the course with the approval of the Programme Director.
R: AMST 221, AMST 321
EQ: AMST 321

CULT 306 Gender and Development in International Relations

28 points 0.2333 EFTS

This course explores the global politics of both gender in development projects in the so-called third world, and gender in international market relations, including "sexploitation".

P: Any 44 points in Arts subjects at 200 level.
R: FMST 206/FMST 306, GEND 306, GEND 210, SOCI 210, SOCI 310
EQ: GEND 306, SOCI 310

CULT306-09S1 (C) **Semester 1**

CULT 308 Issues in Pacific Art

28 points 0.2333 EFTS

This course focuses on the arts of the Pacific, examining the nature of relationships and interactions between Pacific peoples and the West and how these affected a variety of issues concerning the arts of Pacific peoples.

P: ARTH 204 or ARTH 208 and 22 points at 200 level in appropriate Arts subjects.
R: ARTH 318
EQ: ARTH 318

CULT308-09S1 (C) **Semester 1**

CULT 310 Diversity Matters: Framing Learner Diversity for the 21st Century

28 points 0.2333 EFTS

This course critically examines some of the approaches used to develop equitable and inclusive opportunities in education for diverse learners. Issues such as assimilation, discrimination and access in relation to culture, genders and sexualities, ability, race and class are discussed.

P: At least 22 points at 200 level or 28 points at 300 level in EDUC, FMST, GEND, PSYC, SOCI or MAOR.
R: EDUC 334
EQ: EDUC 334

CULT310-09S2 (C) **Semester 2**

CULT 311 Cinema and Modernity

28 points 0.2333 EFTS

Avant-garde and popular constructions of modernity and postmodernity in film. Practical film/video work is required.

P: TAFS 215, or TAFS 216 and TAFS 217, or appropriate courses in Film Studies or related areas as approved by the Head of Department, TAFS.
R: TAFS 311
EQ: TAFS 311

CULT311-09S1 (C) **Semester 1**

CULT 312 Documentary and the Essay Film

28 points 0.2333 EFTS

This course investigates how documentary film portrays and explores the "real". Practical film/video work is required.

P: TAFS 215, or TAFS 216 and TAFS 217, or appropriate courses in Film Studies or related areas as approved by the Head of Department, TAFS.
R: TAFS 312
EQ: TAFS 312

CULT312-09S2 (C) **Semester 2**

CULT 313 American Film Genres

28 points 0.2333 EFTS

Not Offered in 2009

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: AMST 233, AMST 214 or AMST 227 or AMST 228 or DRAM 210 or DRAM 211 or DRAM 212 or DRAM 215 or GRMN 224 or TAFS 210 or TAFS 211 or TAFS 212 or TAFS 215 or appropriate courses in film studies or related areas as approved by the Programme Director or CULT programme co-ordinator.
R: ARTT 306, AMST 310
EQ: AMST 310

CULT 316 The European City

28 points 0.2333 EFTS

Not Offered in 2009

This course is an exploration from the origins of the city in Antiquity and the Middle Ages to the European capitals and other major centres in Europe. It explores the history

and culture and present-day transformations of cities such as London, Paris, Berlin, Madrid, Barcelona, Moscow and St Petersburg.

P: Any 44 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

CULT 317 Cultures of the Supernatural

28 points 0.2333 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: 22 points of ENGL at 200-level with a B pass, or 44 points of ENGL at 200-level, or any 66 points from the Arts Schedule.
R: AMST 313, ENGL 313, AMST 413, ENGL 413, CULT 417
EQ: AMST 313, ENGL 313

CULT317-09S2 (C) **Semester 2**

CULT 330 Special Topic: Psychoanalysis in Film

28 points 0.2333 EFTS

Not Offered in 2009

P: Any 44 points in 200-level Arts subjects approved by the Cultural Studies Head of School.
R: CULT 230

CULT 333 The Exotic

28 points 0.2333 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: 22 points in ENGL at 200-level with a B pass, or 44 points of ENGL at 200-level, or any 66 points from the Arts schedule.
R: ENGL 307, CULT 307, ENGL 333
EQ: ENGL 333

CULT333-09S2 (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.

CULT 401 Cultural Studies, Globalisation and New Technologies

0.2500 EFTS

A course which will develop an advanced understanding of the theoretical and practical implications for the field of Cultural Studies in the early 21st Century.

P: Subject to approval of the Programme Director.
R: GEOG 411
EQ: GEOG 411

CULT401-09S2 (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.

CULT402-09S1 (C) **Semester 1**
CULT402-09S2 (C) **Semester 2**

CULT 403 Special Topic: The Display of the Body in Performance

0.2500 EFTS

P: Subject to approval of the Head of Department.
R: TAFS 402
EQ: TAFS 402

CULT403-09S2 (C) **Semester 2**

CULT 407 Special Topic: Sociology of Gender

0.2500 EFTS

Not Offered in 2009

P: Subject to approval of the Programme Director.
R: GEND 403, SOCI 403
EQ: GEND 403, SOCI 403

CULT 411 Special Topic

0.2500 EFTS

P: Subject to approval of the Programme Director.

CULT411-09W (C) **Whole Year (S1 and S2)**

CULT 412 Special Topic

0.2500 EFTS

P: Subject to approval of the Programme Director.

CULT412-09W (C) **Whole Year (S1 and S2)**

CULT 413 Special Topic

0.2500 EFTS

P: Subject to approval of the Programme Director.

CULT413-09S1 (C) **Semester 1**

CULT 414 Special Topic

0.2500 EFTS

P: Subject to approval of the Programme Director.

CULT414-09S2 (C) **Semester 2**

CULT 415 Special Topic

0.2500 EFTS

P: Subject to approval of the Programme Director.

CULT415-09S2 (C) **Semester 2**

CULT 417 Cultures of the Supernatural

0.2500 EFTS

Not Offered in 2009

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: Subject to the approval of the Programme Director.
R: AMST 313, CULT 317, ENGL 313, AMST 413, ENGL 413
EQ: AMST 413, ENGL 413

CULT 690 MA Thesis

1.0000 EFTS

P: Subject to approval of the Programme Director.

CULT690-09A (C) **Starts Anytime**

Note: 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.

CULT790-09A (C) **Starts Anytime**

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

Development Studies

School of Education Studies and Human Development

DEVP 201 Development Studies

22 points 0.1833 EFTS

Not Offered in 2009

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 72 points.
R: INCO 214, INCO 221

Diplomacy and International Relations

College of Arts

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

DIPL 401 Diplomacy

0.2500 EFTS

DIPL 401 is one of the two core courses of the diplomacy programme. It is divided into two parts: the first part focuses on the theory and practice of diplomacy, covering the diplomatic system, the art of negotiation, and the expanding modes of diplomatic interaction. The second part of the course, which is taught by Dr Chris Connolly, explores the birth and practice of classical diplomacy in Europe to 1789.

P: Subject to approval of the Head of School.

DIPL401-09W (C) **Whole Year (S1 and S2)**

DIPL 402 International Law

0.2500 EFTS

P: Subject to approval of the Head of School.

DIPL402-09W (C) **Whole Year (S1 and S2)**

DIPL 404 Japan and the World Economy

0.2500 EFTS

Not Offered in 2009

P: Subject to approval of the Head of School.
R: HIST 434

DIPL 405 Special Topic

0.2500 EFTS

Not Offered in 2009

P: Subject to approval of the Head of School.

DIPL 406 International Politics During the Nuclear Age

0.2500 EFTS

Not Offered in 2009

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 2009

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

P: Subject to approval of the Head of School.
R: POLS 424
EQ: POLS 424

DIPL408-09W (C) **Whole Year (S1 and S2)**

DIPL 409 Special Topic: Political Economy of Human Rights
0.2500 EFTS

P: Subject to approval of the Head of School.
R: POLS 405
EQ: POLS 405

DIPL409-09W (C) **Whole Year (S1 and S2)**

DIPL 410 International Politics: Mediation
0.2500 EFTS

P: Subject to approval of the Head of School.
R: POLS 414
EQ: POLS 414

DIPL410-09W (C) **Whole Year (S1 and S2)**

DIPL 411 The Politics of Oceania
0.2500 EFTS

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

DIPL411-09W (C) **Whole Year (S1 and S2)**

DIPL 412 Reconstructing Europe, 1945-57
0.2500 EFTS

Not Offered in 2009

This course examines the political and diplomatic processes that led to the Cold War in Europe and the genesis of the European Union.

P: Subject to approval of the Head of School.
R: EURO 418, HIST 452
EQ: EURO 418, HIST 452

DIPL 414 Political Economy of Mass Communication
0.2500 EFTS

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

DIPL414-09W (C) **Whole Year (S1 and S2)**

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

DIPL415-09W (C) **Whole Year (S1 and S2)**

DIPL 417 World Politics
0.2500 EFTS

Not Offered in 2009

P: Subject to approval of the Head of School.
R: POLS 409
EQ: POLS 409

DIPL 418 Special Topic
0.2500 EFTS

Not Offered in 2009

P: Subject to approval of the Head of School.

DIPL 419 International Political Economy
0.2500 EFTS

Not Offered in 2009

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 in Asia
0.2500 EFTS

P: Subject to approval of the Head of School.
R: POLS 408

DIPL420-09W (C) **Whole Year (S1 and S2)**

DIPL 421 Advanced International Law
0.2500 EFTS

P: Subject to approval of the Head of School.

DIPL421-09W (C) **Whole Year (S1 and S2)**

Please check www.canterbury.ac.nz/courses for the latest course information.

DIPL 423 Special Topic

0.2500 EFTS

Not Offered in 2009

P: Subject to approval of the Head of School.

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

DIPL425-09W (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 those 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 - 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

DIPL426-09W (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 the Maori.

P: Subject to approval of the Head of School.
R: POLS 401, ILAP 663
EQ: POLS 401

DIPL427-09W (C) **Whole Year (S1 and S2)**

DIPL 428 Issues in Modern European History

0.2500 EFTS

This course will investigate in depth some of the great debates of twentieth-century historiography, such as the nature of 'totalitarian' states like Nazi Germany and Stalinist Russia, the origins of World War II, the origins and character of the Cold War, and the collapse of the Communist Bloc. Students will investigate and systematically evaluate the views of key historians in these debates, as well as looking in detail at relevant primary sources.

P: Subject to approval of Head of School.
R: HIST 449
EQ: HIST 449

DIPL428-09W (C) **Whole Year (S1 and S2)**

DIPL 429 Issues in New Zealand History

0.2500 EFTS

A critical study of the historical literature on key issues in New Zealand history.

P: Subject to approval of the Head of School.
R: HIST 443
EQ: HIST 443

DIPL429-09W (C) **Whole Year (S1 and S2)**

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 BIOL434-493.

P: Subject to approval of the Head of School.

ECOL480-09W (C) **Whole Year (S1 and S2)**

ECOL 690 MSc Thesis

1.0000 EFTS

P: Subject to approval of the Head of School.

ECOL690-09A (C) **Starts Anytime**

Note: 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.

ECOL790-09A (C) Starts Anytime

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

**From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Economics

Department of Economics and Finance

ECON 104 Introduction to Microeconomics

18 points 0.1500 EFTS

Scarcity, exchange and trade. Market analysis and policy. Consumer choice theory. Theory of the firm. Imperfect competition. Externalities and public goods.

R: ECON 101, ECON 106

ECON104-09S1 (C) Semester 1

ECON104-09S2 (C) Semester 2

ECON 105 Introduction to Macroeconomics

18 points 0.1500 EFTS

Macroeconomic variables and their measurement. Aggregate supply and aggregate demand. Exchange rate policy. Monetary policy. Fiscal policy. Labour policy.

R: ECON 101

ECON105-09S1 (C) Semester 1

ECON105-09S2 (C) Semester 2

ECON 199 Introduction to Microeconomics

18 points 0.1500 EFTS

Scarcity, exchange and trade. Market analysis and policy. Consumer choice theory. Theory of the firm. Imperfect competition. Externalities and public goods. (ECON 199 is offered under the STAR programme for secondary school students.)

P: Subject to approval of the Head of Department.
R: ECON 104

ECON199-09X (C) Refer to website for dates

ECON 201 Macroeconomics

22 points 0.1833 EFTS

A comprehensive study of the economy as a whole. An understanding of the determinants of long-run growth in the standard of living and the general level of prices, of short-run fluctuations in employment and output, of the forces that act to change these variables, and how they are affected by public policies.

P: ECON 105 and ECON 104.
RP: MATH 108.

ECON201-09W (C) Whole Year (S1 and S2)

ECON 205 Economics of Developing Countries

22 points 0.1833 EFTS

Not Offered in 2009

A study of the major economic problems and policies of less developed countries.

P: ECON 104 and ECON 105.

ECON 209 International Trade

11 points 0.0917 EFTS

Microeconomic analysis of international trade, trade policy and international movements of labour and capital. The welfare implications of trade and trade policy.

P: ECON 104
R: ECON 206

ECON209-09S1 (C) Semester 1

ECON 210 International Macroeconomics

11 points 0.0917 EFTS

Exchange rate modelling and open economy monetary policy. International monetary institutions and global financial markets.

P: ECON 104 and ECON 105.
R: ECON 206

ECON210-09S2 (C) Semester 2

ECON 212 Economic Statistics

11 points 0.0917 EFTS

Presentation and use of economic data. Index numbers and seasonal adjustment and the business cycle.

P: (1) ECON 104 or ECON 105; (2) 18 points from STAT courses or MSCI 110.
R: ECON 211

ECON212-09S1 (C) Semester 1

ECON 213 Introduction to Econometrics

11 points 0.0917 EFTS

Simple and multiple regression, elementary time-series analysis, introduction to econometric modelling.

P: (1) ECON 104 or ECON 105; (2) 18 points from STAT courses or ECON 212. With Head of Department discretion, a candidate who has not passed this pre-requisite but who is concurrently enrolled in an 18-point STAT course may be enrolled in ECON 213 if he or she has completed at least 50% of the STAT course at the start of the semester.
R: ECON 211

ECON213-09S2 (C) Semester 2

ECON 223 Introduction to Game Theory for Business, Science and Politics

11 points 0.0917 EFTS

The concepts and principles of game theory as the basis of the science of strategic thinking, with applications in the fields of economics, commerce, law, biological and social sciences, politics and public administration.

P: Any 108 points from the BA, BCom, BForSc, BSc or LLB schedules.

ECON223-09S1 (C) Semester 1

ECON 224 Economics and Current Policy Issues

11 points 0.0917 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

ECON224-09S2 (C) **Semester 2**

ECON 225 Environmental Economics

11 points 0.0917 EFTS

Economic theory and tools will be applied to the study of the environment and policy. In particular this course will examine how economists look for least cost ways of achieving environmental objectives even if those objectives are not set according to cost benefit analysis. This course will examine how market, incentive based regulatory mechanisms affect environmental outcomes and how the economy and the environment interact.

P: ECON 101 or ECON 104
RP: ECON 105

ECON225-09S1 (C) **Semester 1**

ECON 230 Microeconomic Theory with Calculus

22 points 0.1833 EFTS

Introduction to price theory using some calculus: The neo-classical model of consumer and producer choice and general equilibrium, and deviations from that model including externalities and public goods.

P: ECON 104
C: MATH 108
R: ECON 231, ECON 204, ECON 550 (prior to 2006)

ECON230-09W (C) **Whole Year (S1 and S2)**

ECON 231 Microeconomic Theory and Applications

22 points 0.1833 EFTS

Introduction to price theory: The neo-classical model of consumer and producer choice and general equilibrium, and deviations from that model including externalities and public goods. The course covers the same material as ECON 230 but with an emphasis on applications of the theory rather than formal mathematical modelling.

P: ECON 104
R: ECON 230, ECON 204, ECON 550 (prior to 2006)

ECON231-09W (C) **Whole Year (S1 and S2)**

ECON 321 Microeconomic Analysis

14 points 0.1167 EFTS

Presents the fundamental analytical tools of economics, constructing a rigorous mathematical model of the economic behaviour of consumers, producers, and their interaction.

P: (1) ECON 230; (2) MATH 108; (3) 18 points from STAT courses or ECON 212.
R: ECON 301

ECON321-09S1 (C) **Semester 1**

ECON 322 Game Theory

14 points 0.1167 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; (2) MATH 108; (3) 18 points from STAT courses or ECON 212.
R: ECON 301

ECON322-09S2 (C) **Semester 2**

ECON 323 Econometrics I

14 points 0.1167 EFTS

The estimation and testing of linear models. Basic time series methods.

P: (1) ECON 213 or (STAT 212 and STAT 214); (2) MATH 108.
R: ECON 303
EQ: FINC 323

ECON323-09S1 (C) **Semester 1**

ECON 324 Econometrics II

14 points 0.1167 EFTS

Advanced regression techniques. Estimation of simultaneous equations. Cross section methods.

P: ECON 323
R: ECON 303

ECON324-09S2 (C) **Semester 2**

ECON 325 Macroeconomic Analysis

14 points 0.1167 EFTS

The theory of economic growth, with reference to data, innovations, history, and institutions.

P: (1) ECON 201; (2) MATH 108.
R: ECON 305
RP: ECON 230 or ECON 231

ECON325-09S2 (C) **Semester 2**

ECON 326 Monetary Economics

14 points 0.1167 EFTS

The derivation of the demand for money. Monetary policy under uncertainty. Monetary control. Analysis of alternative monetary policy rules. Taylor Rules. Term structure of interest rates. International monetary arrangements.

P: (1) ECON 201; (2) MATH 108.
R: ECON 305
RP: ECON 230 or ECON 231

ECON326-09S1 (C) **Semester 1**

ECON 327 Economic Analysis of Law

14 points 0.1167 EFTS

Not Offered in 2009

Microeconomic and game theoretic analysis of the law of property and contract.

P: ECON 230 or ECON 231
R: ECON 306

ECON 328 Topics in Law and Economics
14 points 0.1167 EFTS

Not Offered in 2009

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
R: ECON 306

ECON 329 Industrial Organisation
14 points 0.1167 EFTS

mperfectly 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
R: ECON 310

ECON329-09S1 (C) **Semester 1**

ECON 330 Strategic Behaviour of Firms
14 points 0.1167 EFTS

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
R: ECON 310

ECON330-09S2 (C) **Semester 2**

ECON 331 Economics of Finance I
14 points 0.1167 EFTS

Household saving and the capital market. Decision-making under uncertainty. State preference theory. Portfolio choice and models of asset returns.

P: (1) ECON 230 or ECON 231; (2) MATH 108 (3) 18 points from STAT courses.
EQ: FINC 331

ECON331-09S2 (C) **Semester 2**

ECON 333 Experimental Economics
14 points 0.1167 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.
RP: STAT 111 and either MATH 101 or MATH 108.

ECON333-09S2 (C) **Semester 2**

ECON 334 Labour Economics
14 points 0.1167 EFTS

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

ECON334-09S2 (C) **Semester 2**

ECON 335 Public Economics
14 points 0.1167 EFTS

Economic theories for the role of government in a market economy and the role of economics in the formulation and evaluation of public policy.

P: ECON 230 or ECON 231
R: ECON 313

ECON335-09S1 (C) **Semester 1**

ECON 336 Public Choice
14 points 0.1167 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.
R: ECON 313
RP: ENGL 117 or an essay-based course.

ECON336-09S2 (C) **Semester 2**

ECON 337 Economic Evaluation in Health
14 points 0.1167 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.
R: ECON 314
RP: ENGL 117 or an essay-based course.

ECON337-09S1 (C) **Semester 1**

ECON 338 Health Economics Overview
14 points 0.1167 EFTS

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.

ECON338-09S2 (C) **Semester 2**

ECON 339 The Economics of European Integration
14 points 0.1167 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, 400m 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 108 points from the BA, BCom, ForSc, BSc or LLB schedules including ECON 104 and ECON 105 and at least 22 points above 100 level.
RP: ENGL 117 or an essay-based course.

ECON339-09S2 (C) **Semester 2**

ECON 342 Cliometrics

14 points 0.1167 EFTS

Economic and statistical analysis of issues in economic history. The focus is on economic events from the perspective of measurable outcomes rather than model based approaches so an enthusiasm to use introductory statistical methods is important.

P: ECON 213

ECON342-09S1 (C) **Semester 1**

ECON 343 Economic Analysis of Intellectual Property

14 points 0.1167 EFTS

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.
RP: MATH 101 or MATH 108

ECON343-09S1 (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.

ECON 601 Advanced Econometrics I

0.1250 EFTS

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
R: ECON 401

ECON601-09S2 (C) **Semester 2**

ECON 602 Advanced Econometrics II

0.1250 EFTS

Not Offered in 2009
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.

R: ECON 403

ECON603-09S1 (C) **Semester 1**

ECON 604 Microeconomics II

0.1250 EFTS

R: ECON 404

ECON604-09S2 (C) **Semester 2**

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.

R: ECON 405

ECON605-09S1 (C) **Semester 1**

ECON 606 Macroeconomics II

0.1250 EFTS

Not Offered in 2009
R: ECON 406

ECON 607 Contract Theory

0.1250 EFTS

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.

R: ECON 407

ECON607-09S1 (C) **Semester 1**

ECON 632 Empirical Microeconomics

0.1250 EFTS

Not Offered in 2009
R: ECON 432

ECON 633 Empirical Macroeconomics

0.1250 EFTS

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.

R: ECON 433

ECON633-09S1 (C) **Semester 1**

ECON 641 Monetary Economics: Theory
0.1250 EFTS

Not Offered in 2009

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.

R: ECON 441

ECON 642 Monetary Economics: Policy
0.1250 EFTS

Not Offered in 2009

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

ECON 643 International Finance
0.1250 EFTS

Not Offered in 2009

R: ECON 443

ECON 652 Game Theory and Economics
0.1250 EFTS

Not Offered in 2009

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

ECON653-09S2 (C) **Semester 2**

ECON 654 Industrial Organisation
0.1250 EFTS

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.

R: ECON 454

ECON654-09S2 (C) **Semester 2**

ECON 655 Environmental Economics
0.1250 EFTS

The application of microeconomic theory and welfare economics to the management and stewardship of the environment. Starting from the ethical framework of welfare economics, we consider the problems posed by public and common property goods, and by externalities. Welfare economics is applied to the problems posed by such goods using cost-benefit analysis. Issues include how to value environmental benefits, how much pollution of the air and water should we tolerate, and how pollution can be reduced to desired levels in the least costly way.

R: ECON 455

ECON655-09S2 (C) **Semester 2**

ECON 656 Natural Resource Economics
0.1250 EFTS

Not Offered in 2009

R: ECON 456

ECON 657 International Trade
0.1250 EFTS

Not Offered in 2009

R: ECON 457

ECON 658 Health Economics
0.1250 EFTS

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.

R: ECON 458

ECON658-09S1 (C) **Semester 1**

ECON 659 Development Economics
0.1250 EFTS

Not Offered in 2009

R: ECON 459

ECON 663 Econometrics I-600
0.1250 EFTS

The estimation and testing of linear models. Basic time series methods.

P: Subject to approval of the Head of Department

R: ECON 463

ECON663-09S1 (C) **Semester 1**

Please check www.canterbury.ac.nz/courses for the latest course information.

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.

R: ECON 464

ECON664-09S2 (C) **Semester 2**

ECON 665 Welfare Economics

0.1250 EFTS

Welfare economics deals with the interaction between "positive economics" (i.e. statements of what will happen under different policies) and "normative economics" (statements about what policies should be followed). Welfare economics considers how value judgements involving interpersonal comparisons can be incorporated into the basic framework of positive economics in order to reach normative conclusions.

P: Subject to approval of the Head of Department

ECON665-09S1 (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.

ECON667-09S2 (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.

ECON668-09S1 (C) **Semester 1**

ECON 680 Research Exercise

0.2500 EFTS

R: ECON 480

ECON680-09W (C) **Whole Year (S1 and S2)**

ECON 690 MA Thesis

1.0000 EFTS

P: Subject to approval of the Head of Department.

ECON690-09A (C) **Starts Anytime**

Note: 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.

ECON695-09A (C) **Starts Anytime**

ECON 790 Economics PhD

1.0000 EFTS

P: Subject to approval of the Head of Department.

ECON790-09A (C) **Starts Anytime**

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

**From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Education

UC Opportunity courses

ADTL 581 Core Skills and Knowledge for Adult Teaching

20 points 0.1667 EFTS

This Level 5 course develops the essential skills of adult teaching relevant to a variety of contexts. Learners 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 learners' 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

ADTL581-09T1 (C) **Term 1**

ADTL581-09T3 (C) **Term 3**

ADTL 682 Facilitating Adult Learning in Groups

20 points 0.1667 EFTS

This Level 6 course aims to develop learners' understanding of group processes and their skills in group teaching, building effective groups, and managing issues of conflict and power within groups. Learners 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.

C: ADTL 581

ADTL682-09T2 (C) **Term 2**

ADTL 783 Course Design, Assessment and Evaluation

20 points 0.1667 EFTS

This Level 7 course provides learners 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 learners 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

ADTL783-09T3 (C) **Term 3**

ADTL 784 Enhancing Performance as an Adult Educator

20 points 0.1667 EFTS

This Level 7 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: ADTL 581. Subject of approval of the Qualifications Coordinator.

ADTL784-09T3 (C) **Term 3**

ADTL 785 Adult Development, Learning and Transitions

20 points 0.1667 EFTS

This Level 7 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 the learner's work and teaching environment.

P: ADTL 581. Subject to approval of the Qualifications Coordinator.

ADTL785-09T4 (C) **Term 4**

ADTL 786 Professional Practice Project

20 points 0.1667 EFTS

This Level 7 course consolidates the key themes of the qualification within an individual professional practice project in the learner's work environment. Learners 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
C: ADTL 581

ADTL786-09A (C) **Starts Anytime**

PDAT 652 Facilitating Groups of Adult Learners

10 points 0.0833 EFTS

This course is designed to build on PDAT651 Core Skills for Adult Educators and Trainers and develop the skills and knowledge to enhance group work in adult teaching. This course covers group and co-operative learning, coping with challenge, managing content and assessment and team teaching. In addition the course continues to weave the key themes which run through the qualification including experiential learning, modelling facilitation skills, pedagogy in adult education, planning, assessment, critique and reflective practice.

PDAT652-09T1 (C) **Term 1**

Note: Enrolment is only open to continuing students enrolled in the Certificate in Adult Teaching prior to 2008.

PDAT 653 Leadership for Adult Learning

10 points 0.0833 EFTS

This course is designed for adult educators and trainers and develop the skills and knowledge to enhance their practice as a leader for adult learning either in the teaching room or in the workplace. This course covers theoretical frameworks for adult teaching, bicultural approaches to adult teaching, creative and effective learning environments and assessment and evaluation of adult teaching sessions. In addition the course continues to weave the key themes which run through the qualification including experiential learning, modelling facilitation skills, pedagogy in adult education, planning, assessment, critique and reflective practice.

PDAT653-09T2 (C) **Term 2**

Note: Enrolment is only open to continuing students enrolled in the Certificate in Adult Teaching prior to 2008.

PDAT 655 Designing Courses for Adult Learners

5 points 0.0417 EFTS

This course is designed to provide adult educators with the skills and knowledge to write course documentation. Participants will cover the macro view of where their course is located in the theoretical and global setting and the micro skills of writing and presenting a coherent course to others for review. Throughout this course the content and processes will also build on the key themes which run through the qualification including experiential learning, modelling facilitation skills, pedagogy in adult education, planning, assessment, critique and reflective practice.

PDAT655-09T3 (C) **Term 3**

Note: Enrolment is only open to continuing students enrolled in the Certificate in Adult Teaching prior to 2008.

PDAT 656 Assessment in Adult Teaching and Learning

5 points 0.0417 EFTS

Adult educators need to be able to design appropriate assessments to suit the context and environment of their learners. This course is designed to assist adult educators to develop relevant and appropriate assessments in an adult learning contexts, to apply the principles of effective assessment including issues of reliability and validity and to engage in moderation of assessments. Throughout this course the content and processes will also build on the key themes which run through the qualification including experiential learning, modelling facilitation skills, pedagogy in adult education, planning, assessment, critique and reflective practice.

PDAT656-09T3 (C) **Term 3**

Note: Enrolment is only open to continuing students enrolled in the Certificate in Adult Teaching prior to 2008.

PDAT 657 Working with Groups

5 points 0.0417 EFTS

This course is designed to strengthen group teaching processes, participants will gain knowledge and skills in building effective groups, and in dealing with issues of conflict and power within groups. Throughout this course the content and processes will also build on the key themes which run through the qualification including experiential learning, modelling facilitation skills, pedagogy in adult education, planning, assessment, critique and reflective practice.

PDAT657-09T2 (C) **Term 2**

Note: Enrolment is only open to continuing students enrolled in the Certificate in Adult Teaching prior to 2008.

PDAT 659 Professional Practice Project, Adult Education and Training

20 points 0.1667 EFTS

This course consolidates the key themes of the qualification including experiential learning, modelling facilitation skills, pedagogy in adult education, planning, assessment, critique and reflective practice within a professional practice project in the participants work environment. The participant will identify an appropriate learning activity/ project in adult teaching and learning to apply content from the courses in the Certificate in Adult Teaching.

PDAT659-09A (C) **Starts Anytime**

Note: Enrolment is only open to continuing students enrolled in the Certificate in Adult Teaching prior to 2008.

PDAT 721 Reflection and Self Assessment - Tools for Self Directed Learning

10 points 0.0833 EFTS

This course spans the Diploma and underpins learning throughout the total qualification and, as such, is an essential part of the holistic curriculum design of the qualification. The initial workshops will distinguish between reflection and self assessment, review different perspectives on these strategies, and explore tools and techniques from the perspective of the self directed learner.

PDAT721-09A (C) **Starts Anytime**

Note: Enrolment is only open to students requiring only PDAT 721 Module B to complete the Diploma in Adult Teaching and Learning.

PDAT 734 Introduction to Research in Adult Teaching and Learning Part 2

20 points 0.1666 EFTS

This course will provide course participants with an opportunity to apply the learning from EDAT733 Introduction to Research in Adult Teaching and Learning Part 1. The course participant is required to complete a detailed research proposal, once the proposal has been accepted the course participant will conduct the research project and report on the findings.

P: PDAT 733

PDAT734-09A (C) **Starts Anytime**

Note: Enrolment is only open to continuing students enrolled in the Diploma in Adult Teaching and Learning prior to 2008.

PDAT 743 Quality in Adult Teaching & Learning Part 2

15 points 0.1250 EFTS

The student will identify an appropriate learning activity/ project to apply the content from the Quality in Adult Teaching and Learning Part 1. This will be formalised through a learning contract which will be negotiated and agreed with the mentor/supervisor in advance of commencement.

P: PDAT 742

PDAT743-09A (C) **Starts Anytime**

Note: Enrolment is only open to continuing students enrolled in the Diploma in Adult Teaching and Learning prior to 2008.

PDAT 755 Critical Thinking and Professional Practice in Adult Education Part 2

10 points 0.0833 EFTS

This course is an individual learning project where the student will apply the content from EDAT754 Critical Thinking and Professional Practice in Adult Education Part 1.

P: PDAT 754

PDAT755-09A (C) **Starts Anytime**

Note: Enrolment is only open to continuing students enrolled in the Diploma in Adult Teaching and Learning prior to 2008.

PDAT 765 Special Topic

5 points 0.0417 EFTS

The course participant will identify an appropriate learning activity for 5 credits at Diploma level. The knowledge and skills acquired in the Special Topic will directly inform either AT743 Quality in Adult Teaching and Learning Part 2 or AT755 Critical Thinking and Professional Practice in Adult Education Part 2. The Special Topic will be negotiated and agreed with the mentor/supervisor in advance of commencement.

PDAT765-09A (C) **Starts Anytime**

College of Education courses

EDAR 151 Visual Art Education 1

5 points 0.0417 EFTS

This is a 100 level compulsory BTchLn (Primary) course that provides learning experiences for students to develop knowledge of art and art education. The course includes reflection upon personal beliefs and values, analysis of The Arts in the New Zealand Curriculum statement with particular reference to the Visual Arts Discipline, and practical art making workshops.

EDAR151-09T1 (C) **Term 1**
EDAR151-09YD2 (R) **Full Year D Second Half**
EDAR151-09YD2 (D) **Full Year D Second Half**

EDAR 261 Visual Art Education 2

5 points 0.0417 EFTS

This is a 200 level compulsory BTchLn (Primary) course that focuses upon extending the students' knowledge of art and art education. The course includes critical analysis of

current research and theoretical developments in art education, the designing of learning experiences in art, and art making workshops that extend personal and professional subject content knowledge.

P: EDAR 151

EDAR261-09YD1 (D)	**Full Year D First Half**
EDAR261-09T2 (C)	**Term 2**
EDAR261-09T2 (N)	**Term 2**
EDAR261-09YD2 (D)	**Full Year D Second Half**
EDAR261-09YD2 (R)	**Full Year D Second Half**

EDAR 325 Art Years 7 - 10

12 points 0.1000 EFTS

Designed for the specialist art teacher, this is one of two compulsory courses that comprise the Major Teaching Study. This course looks at fundamental issues in teaching and learning, art education, visual art curriculum in Aotearoa/ New Zealand and its delivery in the secondary school setting. During the course students will develop understanding of subject specific planning and assessment skills, teaching and management strategies and use current technology to develop resources for art making and knowing about art for students at Years 7 - 10

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

EDAR325-09X (C)	**Refer to website for dates**
EDAR325-09YC (N)	**Full Year C**
EDAR325-09YC (R)	**Full Year C**
EDAR325-10X (C)	**Refer to website for dates**

EDAR 328 Art Years 11 - 13

12 points 0.1000 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 students in the senior secondary school, specialist Practical Art prescriptions, unit and achievement standards in 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: Subject to the approval of the Head of School.

C: EDAR 325

EDAR328-09YC (N)	**Full Year C**
EDAR328-09YC (R)	**Full Year C**
EDAR328-09YC2 (C)	**Full Year C Second Half**

EDAR 331 Teaching Photography Years 12-13

12 points 0.1000 EFTS

This is a practical studio course designed to build knowledge of procedures and practices in a field of art making which is outside the student's area of expertise yet required for effective teaching and learning in the senior secondary school. During the course students will gain knowledge and experience in a selected form of art making or design problem solving relevant to one of the Year 13 Practical Art group of subjects; Design, Painting, Printmaking, Photography or Sculpture. The course has a strong emphasis on the acquisition and analysis of practical knowledge for teaching purposes.

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

EDAR331-09YC2 (C)	**Full Year C Second Half**

EDAR 332 Drawing: Year 13 Practical Art

8 points 0.0667 EFTS

This course is designed for the specialist art teacher who has some experience in photographic practice and plans to teach Practical Art Photography at year 12 - 13 level. The course involves some practical work. It also focuses on developing understanding of works in the photographic medium, the prescription, programme design, teaching, learning and assessment methods.

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

EDAR332-09YC (R)	**Full Year C**
EDAR332-09T2 (C)	**Term 2**
EDAR332-09X (N)	**Refer to website for dates**
EDAR332-09X (C)	**Refer to website for dates**

EDAR 371 Visual Art Education: Enriching Teaching and Learning

8 points 0.0667 EFTS

By the end of this course, participants will have learned and practiced a research process that will enable them to develop skills, knowledge and understandings in any area of visual art in the future. As practicing teachers, they will consequently be able to follow this process to continue to extend their own understandings, thus enabling them to explore teaching new aspects of visual art.

P: EDAR 261

EDAR371-09X (D)	**Refer to website for dates**
EDAR371-09T4 (C)	**Term 4**

EDAR 711 Visual Arts Curriculum Studies

4 points 0.0333 EFTS

This course provides students with knowledge of The Arts in the New Zealand Curriculum statement, with particular reference to the Visual Arts Discipline and supporting resource materials. Students examine current readings and research related to pedagogy and practice, undertake practical art making in order to gain subject content knowledge and create resources to support their future teaching. This course is both experiential and reflective and students apply their understandings through identifying considerations for planning classroom art programmes.

EDAR711-09X (D)	**Refer to website for dates**
EDAR711-09X (C)	**Refer to website for dates**
EDAR711-09YD2 (C)	**Full Year D Second Half**
EDAR711-09YD2 (D)	**Full Year D Second Half**

EDCL 711 Image and Narrative

18 points 0.1500 EFTS

This course focuses on the picture book as a vehicle for exploring the nature of story and illustration in children's literature. It seeks to enable teachers to develop new strategies for helping children to respond to literature in terms of the visual language strand in English in the New Zealand Curriculum and images in terms of Art in the New Zealand

Curriculum (knowing about art works). Furthermore, it enables parents and librarians to become more skilled in book selection in this genre.

EDCL711-09W (D) **Whole Year (S1 and S2)**

EDCL 712 Story and Meaning: a Study of Myth, Legend and Folktale

18 points 0.1500 EFTS

This course focuses on myth, legends and folktales as a vehicle for exploring the nature of meaning in literature. It finally asserts, having examined a range of critical perspectives, a transactional model of the reading process and demonstrates how different critical perspectives allow various meanings to be negotiated. It consequently enables parents and professionals to develop a philosophical base in developing alternative strategies for hooking children into books and responding to the experience of the book.

EDCL712-09W (D) **Whole Year (S1 and S2)**

EDCL 713 Patterns of Language

18 points 0.1500 EFTS

This course focuses on poetry (but does not exclude prose texts) and provides participants with the opportunity to examine the nature and experience of language in children's literature. This course forms part of a foundation study in children's literature and the use of books in the classroom. It is part of the compulsory requirements of the Diploma of Children's Literature.

EDCL713-09W (D) **Whole Year (S1 and S2)**

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

EDCL714-09W (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 those issues that are particular to this period and have some currency in the modern period.

P: EDCL 711, EDCL 712, EDCL 713

EDCL721-09W (D) **Whole Year (S1 and S2)**

EDCL 722 Genre in Children's Literature: an introduction

18 points 0.1500 EFTS

Not Offered in 2009

The concept of genre is foundational to a study of children's literature in that it is the means by which the field can be classified and studied. However, the reality of diverse writing is such that the term is problematic and provokes considerable academic debate. The aim of this course is to enable the course participant begin to understand the nature of the debate, to select a limited range of genre and to examine a range of texts within each genre and across age levels that exhibit typical characteristics of that genre, historical antecedents, ways of narrating, hidden ideologies and books that challenge the boundaries.

P: EDCL 711, EDCL 712, EDCL 713

EDCL 723 Fantasy in Children's Literature

18 points 0.1500 EFTS

This course provides the opportunity to explore the nature and range of fantasy designated as children's literature. It will be examined by exploring key authors and texts in terms of the nature of fantasy, historical development, genre characteristics, critical issues and transformations. The emphasis is on a broad knowledge of fantasy texts as opposed to a narrow study of a limited range of texts.

P: EDCL 711, EDCL 712, EDCL 713

EDCL723-09W (D) **Whole Year (S1 and S2)**

EDCL 724 Realistic Fiction: Social Realism in Contemporary Children's and Young Adult Fiction

18 points 0.1500 EFTS

Not Offered in 2009

This course focuses on the children's realistic (or problem) novel. It seeks to identify and understand the key characteristics and issues of this genre, and to consider the strengths and potential of the best of this genre whether matching individual readers with texts, or in the larger context of promoting literature-based learning in the classroom.

P: EDCL 711, EDCL 712, EDCL 713

EDCL 725 The Multicultural Experience of Children's Literature

18 points 0.1500 EFTS

This course provides an opportunity to explore the literature for children across a wide range of cultures. Through selected texts and interactions with authors and/or illustrators, course participants will be challenged to think about the literatures for children of a number of different cultures. Issues associated with the multicultural dimension in children's literature will be explored in depth.

P: EDCL 711, EDCL 712, EDCL 713

EDCL725-09W (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 2009

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

EDCL727-09W (D) **Whole Year (S1 and S2)**

EDCL 731 Performance in Children's Literature
18 points 0.1500 EFTS

This course is designed to develop the skills of communicating story effectively, in a range of contexts and using a range of genres, enabling the course participant to engage their students into literature. Further, using the appropriate genres of drama, course participants will have an opportunity to create story cooperatively, from initial ideas to written text.

EDCL731-09W (D) **Whole Year (S1 and S2)**

EDCL 732 Children's Literature and the Curriculum
18 points 0.1500 EFTS

Not Offered in 2009

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 2009

The course explores, through a small investigation, the nature of reader response and the implications for those who share story and books with infants, toddlers and young children, inclusive of children with special needs and abilities.

EDCL 734 Book Selection in Children's Literature
18 points 0.1500 EFTS

Not Offered in 2009

This course enables the student to acquire the skills of book selection in a range of genre, non-fiction and reference materials utilizing a variety of resources. Opportunity is given to examine and participate in profiling libraries, critique book awards and IT resources, develop development collection plans (in the context of collection development) and implement book promotion activities. The course is designed for teachers with library responsibilities, parents in school libraries and children's librarians within the public sector.

EDCL 735 The Moving Image and Children's Literature
18 points 0.1500 EFTS

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.

EDCL735-09W (D) **Whole Year (S1 and S2)**

EDCL 736 Writing and Illustrating for Children
18 points 0.1500 EFTS

Not Offered in 2009

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

EDCO 358 Economics Years 9 - 11
4 points 0.0333 EFTS

This course is designed for students intending to teach economics at Years 9-11. It provides the foundation for teaching economics. It focuses on the requirements of the syllabus, approaches to teaching, and teaching methods. The course also provides assessment strategies

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

EDCO358-09X (N) **Refer to website for dates**
EDCO358-09YC (R) **Full Year C**
EDCO358-09T1 (C) **Term 1**
EDCO358-10X (C) **Refer to website for dates**

EDCO 359 Economics Years 12-13
8 points 0.0667 EFTS

This course builds on EDCO358. Students will apply teaching strategies to senior levels of the curriculum and will develop units of work. The course will prepare students for NCEA assessment procedures and practices

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

EDCO359-09X (C) **Refer to website for dates**
EDCO359-09YC (R) **Full Year C**
EDCO359-09X (N) **Refer to website for dates**
EDCO359-10X (C) **Refer to website for dates**

EDCO 362 Accounting Year 13
4 points 0.0333 EFTS

Not Offered in 2009

This course is compulsory for students intending to be accounting specialists but is optional for other students. It considers methods and resources for the teaching of Year 13 accounting.

P: Subject to the approval of the Head of School.
C: EDCO 363

EDCO 363 Accounting Years 11-12

8 points 0.0667 EFTS

Not Offered in 2009

The course is compulsory for students intending to be accounting specialists and optional for students for whom accounting will be an additional teaching subject. The course introduces the philosophy, nature and structure of accounting in secondary schools and examines the curriculum, assessment requirements, teaching methods and resources for teaching Years 11 and 12 accounting.

P: Subject to the approval of the Head of School.
C: EDCO 362 for a major in Accounting.

EDCO 364 Computing and ICT Years 9-11

12 points 0.1000 EFTS

This course is compulsory for ICT majors and open to other students with appropriate computing or information systems qualifications. The course will develop understanding of the Technology Curriculum and the rationale, aims and objectives underpinning both Information Management and Computing as subject areas at Levels 5 and 6. During the course students will gain experience in teaching approaches, use of resources and assessment practices

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

EDCO364-09X (C)	**Refer to website for dates**
EDCO364-09YC (N)	**Full Year C**
EDCO364-09YC (R)	**Full Year C**
EDCO364-10X (C)	**Refer to website for dates**

EDCO 365 Computing and ICT Years 12-13

12 points 0.1000 EFTS

This course is compulsory for ICT majors and open to other students with 200 level computer science or information systems. Schools offer a wide variety of ICT courses including practical programmes with an applied or vocational focus as well as those with a more theoretical, academic approach. This course will examine the various course structures and assessment/qualification opportunities for students from Years 11-13. Students will develop an understanding of NCEA assessment using achievement standards and unit standards, as well as other current qualification options. The course will develop understanding of current research in technology education, as well as skills in designing and assessing ICT and computing courses appropriate to student needs.

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

EDCO365-09X (N)	**Refer to website for dates**
EDCO365-09YC (R)	**Full Year C**
EDCO365-09YC2 (C)	**Full Year C Second Half**

EDCS 141 Professional Communication Writing

5 points 0.0417 EFTS

This is a 100 level compulsory BTchLn (Primary) course which focuses on developing and extending the competencies of students engaged in professional writing. The course requires students to take responsibility for the development, demonstration and monitoring of the conventions of writing, the use of language about language, and the use of the writing process in a variety of professional written contexts.

EDCS141-09X (D)	**Refer to website for dates**
EDCS141-09X (R)	**Refer to website for dates**
EDCS141-09X (C)	**Refer to website for dates**

EDCS 151 Inter- and Intra-Personal Skills

10 points 0.0833 EFTS

This is a 100 level compulsory course in which students identify and extend their inter- and intra-personal skills in order to establish and maintain effective professional relationships. The course will foster self expression role play, student interaction and drawing on personal experiences.

EDCS151-09YA (T)	**Full Year A**
EDCS151-09YA (Y)	**Full Year A**

EDCS 154 Inter and Intra-Personal Skills

15 points 0.1250 EFTS

This is a 100 level compulsory course in which students identify and extend their inter- and intra-personal skills in order to establish and maintain effective professional relationships. The course will foster self expression role play, student interaction and drawing on personal experiences

EDCS154-09W (C)	**Whole Year (S1 and S2)**
EDCS154-09W (D)	**Whole Year (S1 and S2)**

EDCT 701 Learning in a Clinical Setting

10 points 0.0833 EFTS

Not Offered in 2009

This first course of the Graduate/ Postgraduate Certificate in Clinical Teaching is designed for clinical educators/ mentors or supervisors working within health professional programmes or within health settings as clinicians. It is an introduction to the role of the clinical teacher, the principles of adult learning and the teaching skills for clinical instruction within workplaces and health professional programmes. It provides an environment in which health educators can explore ways to enhance undergraduate, postgraduate and peer learning through improvements in a learning environment, supervision, teaching and assessment.

EDCT 702 Designing and Managing Learning in a Clinical Setting

15 points 0.1250 EFTS

This course builds on skills developed in EDCT701 with a focus on designing, planning and managing learning in a clinical setting. It incorporates course-based clinical learning in didactic teaching.

P: EDCT 701
R: EDCT 802

EDCT702-09A (C)	**Starts Anytime**
EDCT702-09A (D)	**Starts Anytime**

EDCT 703 Issues and Processes in a Clinical Setting

15 points 0.1250 EFTS

This course focuses on and models processes of reflection, action and experience in learning as a context for learning.

It demonstrates that learning is unavoidably a personal responsibility and that the educator's and/or supervisor's role is to create settings and utilise experience to promote learning.

P: EDCT 701
R: EDCT 803

EDCT703-09A (C)	**Starts Anytime**
EDCT703-09A (D)	**Starts Anytime**

EDCT 704 Clinical Education Experience Programme

20 points 0.1667 EFTS

This course consists of an applied teaching/supervision project in the workplace, negotiated through an individual learning contract with the course co-ordinator. The contract requires the student to apply processes and skills learned in EDCT701, EDCT702 and EDCT703, reflect on them, design and implement a project within an evaluative framework; gather data for self-assessment and discuss the learning and project outcomes with the college supervisor. The project must be based on evidence based educational principles and extend the learner beyond their current tasks and responsibilities.

P: EDCT 701 and one of EDCT 702, EDCT 703, EDCT 705

EDCT704-09A (D)	**Starts Anytime**

EDCT 705 Practical Skills Teaching, Supervision and Assessment

15 points 0.1250 EFTS

Not Offered in 2009

This is an alternative to EDCT702 or EDCT703 and builds on skills developed in EDCT701 with a focus on demonstrating clinical skills, (within skills laboratories and in clinical settings) encouraging skill transfer, supervising beginning practitioners and assessing skill competence.

P: EDCT 701
R: EDCT 805

EDCT 803 Issues and Processes in a Clinical Setting

15 points 0.1250 EFTS

Not Offered in 2009

This course builds on EDCT701 and has an emphasis on psychological dimensions relevant to learning and supervision and so focuses on how people learn (cognitive and personal factors), the development of reflective practice and critical thinking, instructor/student relationships and group processes. Participants are required to critically review the literature in this area, demonstrate its application to teaching sessions and present findings to the group.

P: EDCT 701
R: EDCT 703

EDCT 804 Clinical Education Research Project

20 points 0.1667 EFTS

This course is a compulsory course for the 60 credit Postgraduate Certificate in Clinical Teaching. An individual contract is selected within a health context. This project may be either: an educational research project, or a plan for implementation and monitoring of an educational initiative. The project requires the participant to apply processes and skills learned in previous courses, reflect on them, design and plan there project either within a declared research methodology or a quality monitoring and evaluative framework. The project must be based on evidence-based educational practice and extend the learner beyond their current tasks and responsibilities.

P: EDCT 701 and one of EDCT 802, EDCT 803 or EDCT 805

EDCT804-09A (D)	**Starts Anytime**

EDDD 511 Dance and Drama Curriculum Studies

2 points 0.0167 EFTS

This course examines the role of Dance and Drama within national curriculum statement The Arts in the New Zealand Curriculum. Dance and drama are disciplines with a distinctive body of knowledge to be experienced, investigated, valued and shared. This course develops students' literacy in dance and drama by engaging them in practical and theoretical investigations. Dance and drama forms and ideas are explored.

EDDD511-09X (D)	**Refer to website for dates**
EDDD511-09X (C)	**Refer to website for dates**
EDDD511-09T1 (C)	**Term 1**
EDDD511-09T2 (C)	**Term 2**
EDDD511-09YD2 (C)	**Full Year D Second Half**
EDDD511-10X (D)	**Refer to website for dates**
EDDD511-10X (C)	**Refer to website for dates**

EDEC 150 Early Childhood Curriculum 1

20 points 0.1667 EFTS

This is a 100 level compulsory course which introduces students to a wide variety of media, activities and experiences, and theories related to the early childhood curriculum. This course will investigate what is meant by curriculum, how infants, toddlers and young children learn and the teacher's role

EDEC150-09YA (T)	**Full Year A**
EDEC150-09YA (Y)	**Full Year A**
EDEC150-09W (D)	**Whole Year (S1 and S2)**
EDEC150-09W (C)	**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

EDEC263-09YA (C)	**Full Year A**
EDEC263-09YA (T)	**Full Year A**
EDEC263-09YA (Y)	**Full Year A**
EDEC263-09YD (C)	**Full Year D**
EDEC263-09YD (D)	**Full Year D**

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 whanau. 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 those 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 whanau

EDEC265-09YA (C)	**Full Year A**
EDEC265-09YA (T)	**Full Year A**
EDEC265-09YA (Y)	**Full Year A**
EDEC265-09YD (C)	**Full Year D**
EDEC265-09YD (D)	**Full Year D**
EDEC265-09X (C)	**Refer to website for dates**

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/whanau. 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.

EDEC349-09YA (C)	**Full Year A**
EDEC349-09YA (T)	**Full Year A**
EDEC349-09YA (Y)	**Full Year A**
EDEC349-09W (D)	**Whole Year (S1 and S2)**
EDEC349-09X (D)	**Refer to website for dates**

EDEC 376 Early Childhood Curriculum 3

10 points 0.0833 EFTS

This is a 300 level compulsory course that is comprised of two strands of curriculum related content. One strand of the course reviews current curriculum knowledge in early childhood education. The other strand of the course focuses on curriculum evaluation through practitioner research and requires students to develop competence and confidence in evaluating curriculum experiences with the goal of improving quality.

P: EDEC 263

EDEC376-09YD (C)	**Full Year D**
EDEC376-09YD (D)	**Full Year D**
EDEC376-09X (D)	**Refer to website for dates**

EDEC 382 Comparative Early Childhood Education Philosophies

15 points 0.1250 EFTS

Not Offered in 2009

This is an optional 300 level course which will provide an opportunity for students to explore in greater depth principles of alternative models and philosophies of early childhood education. They will look at similarities, differences and the possibilities of merging ideas in early childhood programming from a variety of backgrounds in order to offer interesting, meaningful and diverse programmes within Te Whaariki: Early Childhood Curriculum framework.

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.

EDEC383-09YA (C)	**Full Year A**
EDEC383-09YA (T)	**Full Year A**
EDEC383-09YA (Y)	**Full Year A**
EDEC383-09YD (C)	**Full Year D**
EDEC383-09YD (D)	**Full Year D**

EDED 144 Development, Learning & Culture

10 points 0.0833 EFTS

This compulsory 100 level course will provide an understanding of the nature of development and factors influencing learning and development. An overview of developmental and socio cultural theories will be provided and students will consider the influence of different contexts on how infants, toddlers and young children develop. They will relate this knowledge to their own emerging philosophy of teaching and learning and to their practice with infants, toddlers and young children

C: EDTP 106

EDED144-09YA (T)	**Full Year A**
EDED144-09YA (Y)	**Full Year A**

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

EDED241-09YA (C)	**Full Year A**
EDED241-09YA (T)	**Full Year A**
EDED241-09YA (Y)	**Full Year A**

EDED 268 The Developing Child

10 points 0.0834 EFTS

This is a 200 level compulsory course which focuses on students using theoretical knowledge of the developing child and research to reflect upon their own practices with infants, toddlers and young children in early childhood settings. Students' knowledge of theory is extended through making links to practice. 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: EDUC 152

EDED268-09YD (C)	**Full Year D**
EDED268-09YD (D)	**Full Year D**
EDED268-09X (C)	**Refer to website for dates**

EDED 305 Introduction to the Sociology of Education

4 points 0.0333 EFTS

Not Offered in 2009

This course examines the fundamental aspects of sociology and how they relate to the schooling process. It deals with issues of race, class and gender. The course will also assist in developing strategies for becoming a more inclusive and effective teacher.

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.

EDED349-09YA (C)	**Full Year A**
EDED349-09YA (T)	**Full Year A**
EDED349-09YA (Y)	**Full Year A**
EDED349-09X (D)	**Refer to website for dates**

EDED 365 Maori Initiatives in Education

4 points 0.0333 EFTS

Not Offered in 2009

An examination of racism in schools and other educational institutions and a comparative look at Maori achievement in the schooling system. The course also considers recent initiatives in Maori Education in New Zealand and deals with contemporary issues within Maori education.

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.

P: EDUC 267

EDED371-09YA (C)	**Full Year A**
EDED371-09YA (T)	**Full Year A**
EDED371-09YA (Y)	**Full Year A**
EDED371-09YD (C)	**Full Year D**
EDED371-09YD (D)	**Full Year D**

EDED 378 The Competent Child

10 points 0.0833 EFTS

This is a 300 level compulsory course designed to provide students with a review of recent research and theories of the developing and learning child in the early childhood years. The course examines early brain development and the critical role of reciprocal relationships and factors related to resilience. There is a focus on infants, toddlers and young children as competent learners.

P: EDED 268

EDED378-09YD (C)	**Full Year D**
EDED378-09YD (D)	**Full Year D**
EDED378-09W (D)	**Whole Year (S1 and S2)**

EDED 394 Experiential Education

4 points 0.0333 EFTS

Not Offered in 2009

This course examines the philosophies, strategies and processes that constitute the experiential approach to learning. Active facilitation, reflection in action, co-operative learning and identifying individual needs will be key aspects of this course. Students will be exposed to four different learning settings, formal, non formal, informal and self directed learning, to illustrate the possible options teachers/facilitators have in promoting experiential learning.

EDED 400 Education for Sustainable Development

4 points 0.0333 EFTS

Not Offered in 2009

This course is designed to address the role of education in communicating the notion of sustainability. The course integrates the concepts of environmental education, health education, economics, population, and social and human development. This will include an examination of equity issues, human rights, peace education, development, democracy, social action, and interdependence. The course will help students merge ethical, social and scientific

concepts together in an interdisciplinary approach to teaching and learning.

EDED 402 Education Studies

8 points 0.0667 EFTS

This course provides opportunities for students to explore issues surrounding the history, sociology, philosophy, politics, cultural contexts and psychology of education. It helps prepare student teachers to deal with problems that are often social, political and ethical in nature, It is a compulsory subject for all students. The education course offered in the Graduate Diploma will address these issues in various ways

EDED402-09X (N)	**Refer to website for dates**
EDED402-09YC (R)	**Full Year C**
EDED402-09X (C)	**Refer to website for dates**
EDED402-09YC2 (C)	**Full Year C Second Half**

EDEL 801 The Learning Leader

15 points 0.1250 EFTS

This course is designed to provide current and aspiring educational leaders with a knowledge base of the legislative requirements, educational reforms and changes from which to make leadership and management decisions for their educational settings. It also addresses community partnerships, including Maori and Pasifika.

R: EDEM 634

EDEL801-09S1 (D)	**Semester 1**
EDEL801-09S2 (D)	**Semester 2**

EDEL 802 The Self as Leader

15 points 0.1250 EFTS

This course explores the self as leader of a self-managing institution and requires course members to critically analyse their own leadership beliefs, values and visions and justify their preferred framework for leadership which promotes learning and achievement. It also addresses shared and distributed leadership.

R: EDEM 634

EDEL802-09S1 (D)	**Semester 1**
EDEL802-09S2 (D)	**Semester 2**

EDEL 803 Leading the Learners

15 points 0.1250 EFTS

This course is designed to provide current and aspiring educational leaders with a theoretical framework for managing learning and teaching in their institutions, with particular focus on provision of programmes to cater for the diverse learning needs of students. An analysis of research findings on a variety of teaching and learning approaches will lead course participants to increase their range of strategies for working with diverse learners.

R: EDEM 635

EDEL803-09S1 (D)	**Semester 1**
EDEL803-09S2 (D)	**Semester 2**

EDEL 804 Inquiry-based Teaching

15 points 0.1250 EFTS

This course is designed to provide current and aspiring educational leaders with a theoretical framework for teachers to reflect on their classroom practice, with particular focus on how data from teaching and learning processes is used to inform practice. Teacher appraisal and the links to teacher development are examined for their effectiveness in improving achievement for all learners. There is a focus on methodology for gathering and interpreting data and action research in the classroom.

R: EDEM 635

EDEL804-09S1 (D)	**Semester 1**
EDEL804-09S2 (D)	**Semester 2**

EDEL 805 Qualitative Research Methodology

30 points 0.2500 EFTS

Not Offered in 2009

This course is designed to provide current and aspiring educational leaders with the opportunity to learn about qualitative research methodology and then apply it to complete an in-depth, original investigation as an individual study component of the PGDipEdLead.

R: EDEM 636

EDEM 601 Critical Reflection on Theories and Practices of Teaching and Learning

30 points 0.2500 EFTS

This course enables teachers/educators to explore and develop their understandings of teaching and learning by collaborating with others in an online community where educational practitioners investigate learning theory, critical pedagogy, reflective praxis, and building learning communities. Insights from socio-cultural, complexity, critical, and post-structural theory enable participants to question commonly held assumptions.

P: Subject to approval of the Head of School

R: EDTL 811

EDEM601-09W (D)	**Whole Year (S1 and S2)**

EDEM 602 Turning Pedagogical Theory into Classroom Practice

30 points 0.2500 EFTS

Not Offered in 2009

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 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

EDEM603-09W (C) Whole Year (S1 and S2)

EDEM 604 Physical Education Curriculum Pedagogy

30 points 0.2500 EFTS

Not Offered in 2009

This course will examine how selected theoretical traditions and socio-cultural issues influence the development of contemporary physical education curricula. In particular, participants will examine the cultural significance of physical activity and sport, critique how the dominant discourses in the literature and the popular culture influence the physical education curriculum, and consider the impact of these on school programmes, teacher values and practices in schools.

P: Subject to approval of the Head of School

EDEM 605 Issues in Social Science Education

30 points 0.2500 EFTS

Not Offered in 2009

This course examines the theoretical, historical and political issues that underpin the teaching and learning of social sciences in New Zealand. Issues relating to inclusiveness and pedagogy will be explored in depth. Research literature about teaching, learning and assessment in social sciences will be analysed. The focus is on practitioners examining and critically reflecting on current practice in their own schools/institutions.

P: Subject to approval of the Head of School
R: EDTL 832

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

EDEM607-09W (C) Whole Year (S1 and S2)

EDEM 609 Issues in Numeracy

30 points 0.2500 EFTS

Not Offered in 2009

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

EDEM 610 Teaching Drama in the Curriculum

30 points 0.2500 EFTS

Not Offered in 2009

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 Curriculum Theory and Practice

30 points 0.2500 EFTS

Not Offered in 2009

This course has three aims: 1) to develop an in-depth understanding of curriculum theory. 2) to examine key contemporary issues and how they impact on curriculum debate. 3) to link the theoretical and the contemporary aspects of curriculum critique to course members' educational settings.

P: Subject to approval of the Head of School
R: EDTL 840

EDEM 612 Psychology of Reading

30 points 0.2500 EFTS

The course explores recent research and theories of reading and their application to working with children at risk of failure.

P: Subject to approval of the Head of School
R: EDUC 441, EDUC 661
EQ: EDUC 441

EDEM612-09W (C) Whole Year (S1 and S2)

EDEM 613 Literacy and Numeracy in Primary Education

30 points 0.2500 EFTS

This course explores different theoretical perspectives on literacy and how they relate to contemporary practice and research. It examines the theoretical, historical and political aspects of curriculum development in the teaching of literacy. It includes an exploration of current teaching and learning practices and processes relevant to the area.

P: Subject to approval of Head of School.
R: EDTL 872

EDEM613-09W (C) **Whole Year (S1 and S2)**

EDEM 614 Measurement and Evaluation

30 points 0.2500 EFTS

Not Offered in 2009

Topics and issues relevant to assessment and evaluation in the New Zealand educational setting.

P: Subject to approval of the Head of School
R: EDUC 654, EDTL 814

EDEM 619 Education of the Gifted Learner: Issues and Strategies for New Zealand Education

30 points 0.2500 EFTS

This course explores the historical, political and theoretical background for the teaching of the gifted learner. Participants will analyse and critique the rationale and methods available for defining giftedness, identification and assessment processes, and provision for gifted learners in early childhood, primary and secondary education. Participants will study a range of teaching and learning approaches for gifted learners and the management of the special needs of the gifted learner. Participants will apply the knowledge gained to their own teaching by conducting a small scale investigation in an educational setting of their choice.

P: Subject to approval of the Head of School
R: EDUC 609, EDSN 751, EDTL 851

EDEM619-09W (C) **Whole Year (S1 and S2)**
EDEM619-09W (D) **Whole Year (S1 and S2)**

EDEM 621 Disability Studies in Education

30 points 0.2500 EFTS

Disability studies in education is concerned with the social phenomenon of disability as a social construct or creation and explores educational research, theory and practice as these produce disablement. The course examines educational policies and practices to assess their implications for the inclusion and exclusion of disabled learners from all forms of education.

P: Subject to the approval of Head of School
R: EDUC 419
EQ: EDUC 419

EDEM621-09W (C) **Whole Year (S1 and S2)**

EDEM 622 Inclusive Practices for Educational Settings

30 points 0.2500 EFTS

Not Offered in 2009

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

EDEM 623 Communication for Children with Special Needs

30 points 0.2500 EFTS

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 an examination of the role of the teacher as a communication partner and provides teachers with the skills to screen oral language and communication, to 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. Research into the teaching of oral language and communication skills is presented.

P: Subject to approval of the Head of School
R: EDSN 759, EDTL 859

EDEM623-09W (D) **Whole Year (S1 and S2)**

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/whanau and the role of the family/whanau are explored and reviewed.

P: Subject to approval of the Head of School
R: EDSN 766, EDTL 866

EDEM624-09W (C) **Whole Year (S1 and S2)**
EDEM624-09W (D) **Whole Year (S1 and S2)**

EDEM 625 Challenging Behaviours: Positive and Effective Management

30 points 0.2500 EFTS

A detailed study of the principles of applied behaviour analysis, the research on the application of the principles of applied behaviour analysis, and the application of the principles in a bicultural context, to the behaviour of children, adolescents, or adults with challenging behaviours at home, in early childhood settings, at school and in the

community. A decision model with an ecological focus provides the structure for the development of research based behaviour change programmes that may also include cognitive behaviour therapy.

P: Subject to approval of the Head of School
R: EDSN 752, EDTL 852

EDEM625-09W (C) **Whole Year (S1 and S2)**
EDEM625-09W (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 technologies into classroom practice. Exemplars of curriculum based activities involving a variety of information technologies will be related to theories of learning and relevant academic research. Participants will further their computer application skills as well as investigate, analyse and evaluate contemporary theories and predictions related to the use of computers as effective teaching/learning aids in education.

P: Subject to approval of the Head of School
R: EDTL 891

EDEM627-09S1 (D) **Semester 1**

EDEM 628 Best Practice in Online Teaching and Learning

30 points 0.2500 EFTS

Not Offered in 2009

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: EDIC 714, EDTL 894

EDEM 629 Teaching Meets Technology in Online Environments

30 points 0.2500 EFTS

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

EDEM629-09CY (D) **Cross Year**

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

EDEM630-09S2 (D) **Semester 2**

EDEM 634 Leadership of Learning

30 points 0.2500 EFTS

This course provides current and aspiring educational leaders, in the early childhood, primary and secondary educational sectors, with knowledge of educational reforms and changes and legislative requirements from which to critique leadership practice in their own educational setting and community. It will enable exploration of leadership theory, models and research and requires critical analysis of a student's leadership values and visions and a justification of a preferred framework for leadership.

P: Subject to the approval of Head of School
R: EDEL 801, EDEL 802

EDEM634-09W (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

EDEM635-09W (D) **Whole Year (S1 and S2)**

EDEM 636 Educational Leadership Project

30 points 0.2500 EFTS

This course provides current and aspiring leaders, in the early childhood, primary and secondary education sectors, with the opportunity to complete an in-depth, original project The project will focus on an area of practice with a

leadership focus, within schools and centres or within the edcuation sectors.

P: Subject to approval of the Head of School
R: EDEL 805

EDEM636-09W (D) **Whole Year (S1 and S2)**

EDEM 637 Teachers Sharing Expertise

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

EDEM637-09W (C) **Whole Year (S1 and S2)**
EDEM637-09W (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 sectionswhich 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

EDEM638-09W (D) **Whole Year (S1 and S2)**

EDEM 639 Leadership for School and Centre Improvement

30 points 0.2500 EFTS

Not Offered in 2009

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

EDEM 640 Human Resources Management: A Personal Reflective Approach

30 points 0.2500 EFTS

Not Offered in 2009

The focus for this course is reflection on learning about leadership of oneself and others in the workplace. It is common-sense knowledge that although every leader and every workplace is unique, they share many similarities. The course will include investigation of values, educational philosophy and vision, and examine how these are learnt and how they could influence the human resources management roles of team building, motivating staff and developing a climate appropriate for a community of learners, while still meeting the management requirements related to accountability.

P: Subject to approval of the Head of School
R: EDTL 864

EDEM 643 Utilising change for future educational practice

30 points 0.2500 EFTS

Not Offered in 2009

The course introduces course participants to the field of futures education, its evolution as a field of study, some theoretical underpinnings and key concepts, and a range of debates and issues. It is designed to allow course participants to tailor the content to suit the nature of their own educational settings. Course participants are expected to carry out a research project which considers an issue related to education for, or in, the future, gathers the relevant data and analyses the results in terms of the implications for educational practice.

P: Subject to approval of the Head of School
R: EDTL 890

EDEM 644 Education and Social Class

30 points 0.2500 EFTS

Not Offered in 2009

International and New Zealand perspectives on issues of social class within education with a major focus on the role played by the professional middle class.

P: Subject to approval of the Head of School
R: EDUC 402, EDUC 602
EQ: EDUC 402

EDEM 645 Policy Studies in Education

30 points 0.2500 EFTS

Not Offered in 2009

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 646 Genders and Sexualities in Education

30 points 0.2500 EFTS

An exploration of educational issues in the light of feminist theory and methodology. The course is feminist in content and approach.

P: Subject to approval of the Head of School
R: EDUC 413, EDUC 613
EQ: EDUC 413

EDEM646-09W (C) **Whole Year (S1 and S2)**

EDEM 647 Education and Development in the Pacific

30 points 0.2500 EFTS

Not Offered in 2009

This course analyses education in the Pacific region. It introduces students to theories of development and underdevelopment and discusses education in relation to notions of colonialism, neo-colonialism and nationalism.

P: Subject to approval of the Head of School
R: EDUC 417, EDUC 617, PACS 405
EQ: EDUC 417, PACS 405

EDEM 648 Cross Cultural Communication and Education in Aotearoa

30 points 0.2500 EFTS

An introduction to culture and communication theory and an exploration of the implications of the Treaty of Waitangi for bicultural developments and education in Aotearoa.

P: Subject to approval of the Head of School

EDEM648-09W (C) Whole Year (S1 and S2)

Note: Students will be required to attend a marae wananga.

EDEM 649 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 Maori 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 Maori and non-Maori in relation to the treaty partnership in their educational settings.

P: Subject to approval of the Head of School
R: EDTL 826

EDEM649-09W (C) Whole Year (S1 and S2)

EDEM 650 Philosophy of Education

30 points 0.2500 EFTS

This course provides an overview of major trends in philosophy of education from the 1960s to the present day. Particular emphasis will be placed on the relationship between epistemology, ethics and education. Students will have the opportunity to address the work of selected thinkers in critical detail, and will be encouraged to apply philosophical skills to practical educational problems.

P: Subject to the approval of Head of School
R: EDUC 414
EQ: EDUC 414

EDEM650-09W (C) Whole Year (S1 and S2)

EDEM 654 Adult Learning and Education

30 points 0.2500 EFTS

Not Offered in 2009

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 655 Work-based Learning, Education and Training

30 points 0.2500 EFTS

An exploration of theory, research, practice and policies on learning at work. A critical review of current debates and trends in New Zealand and internationally.

P: Subject to approval of the Head of School
R: EDUC 677

EDEM655-09W (C) Whole Year (S1 and S2)

EDEM 661 Disorders of Childhood

30 points 0.2500 EFTS

The nature, prevalence and causes of common childhood disorders and disabilities.

P: Subject to approval of the Head of School
R: EDUC 412, EDUC 612
EQ: EDUC 412

EDEM661-09W (C) Whole Year (S1 and S2)

EDEM 662 Child Development: Research, Contexts and Application

30 points 0.2500 EFTS

This course provides an opportunity to develop an advanced understanding of child development research and theory and its application to children in a range of applied settings. Students will gain knowledge and skills in the conduct of development and family assessments, and undertake a supervised child development study.

P: Subject to approval of the Head of School
R: EDUC 416, EDUC 616
EQ: EDUC 416

EDEM662-09W (C) Whole Year (S1 and S2)

EDEM 663 Introduction to Interventions

30 points 0.2500 EFTS

An overview of the effectiveness of the interventions and therapies commonly used in the treatment of various childhood disorders.

P: Subject to approval of the Head of School
R: EDUC 421, EDUC 621
EQ: EDUC 421

EDEM663-09W (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 a problem-management model of helping.

P: Subject to approval of the Head of School
R: EDUC 461, EDUC 661
EQ: EDUC 461

EDEM664-09W (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

Please check www.canterbury.ac.nz/courses for the latest course information.

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

EDEM671-09W (C) **Whole Year (S1 and S2)**

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

EDEM672-09W (C) **Whole Year (S1 and S2)**

Note: 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

EDEM673-09W (C) **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

EDEM674-09W (C) **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

EDEM675-09W (C) **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

EDEM676-09W (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

Not Offered in 2009

P: Subject to approval of the Coordinator of Counsellor Education.
R: EDUC 667

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

EDEM680-09W (D) **Whole Year (S1 and S2)**

EDEM 681 Special Topic

15 points 0.1250 EFTS

Not Offered in 2009

P: Subject to the approval of the Head of School

EDEM 682 Special Topic: Research Methods in Education

30 points 0.2500 EFTS

This course provides theoretical foundations and practical experiences in a range of research methodologies in education: qualitative, quantitative, evaluation, bicultural, and education policy. Course content will include the nature of educational research, ethics, research design, and the selection of research participants, methods of data collection and analysis, and approaches to critical analyses of published research.

P: Subject to the approval of the Head of School
R: EDUC 459, EDUC 659
EQ: EDUC 459

EDEM682-09W (C) **Whole Year (S1 and S2)**

EDEM 683 Special Topic: Researching Teaching and Learning: Putting Methodological Theory into Practice

30 points 0.2500 EFTS

This course focuses on the foundations for research conducted within the MEd degree. It is designed to help course members entering their masters degree or postgraduate diploma gain practical experience of, and a critical attitude

towards research at a postgraduate level that can be drawn on and refined in thesis research.

P: Subject to the approval of the Head of School
R: EDTL 801

EDEM683-09W (C) **Whole Year (S1 and S2)**
EDEM683-09W (D) **Whole Year (S1 and S2)**

EDEM 684 Special Topic: Experimental Research Methods

30 points 0.2500 EFTS

A course for Masters thesis and PhD students with an interest in empirical questions about the effects of teaching conditions, remedial interventions and other types of environmental factors on learning and behaviour change. The course is in two parts. Part One covers single case experimental procedures and Part Two covers randomised groups designs. Each part examines underlying theories and assumptions as well as providing training in the measurement of change, the design of experiments, and the techniques of data analysis, interpretation and presentation.

P: Subject to the approval of the Head of School
R: EDUC 460, EDUC 660
EQ: EDUC 460

EDEM684-09W (C) **Whole Year (S1 and S2)**

EDEM 685 Special Topic: Re-examining Early Years Education

30 points 0.2500 EFTS

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

EDEM685-09W (C) **Whole Year (S1 and S2)**
EDEM685-09W (D) **Whole Year (S1 and S2)**

EDEM 686 Special Topic: A selected period or genre in theatre/drama (2009: Theatre in Aotearoa New Zealand)

30 points 0.2500 EFTS

This course provides an overview of a selected period or genre (specific period or genre will vary from year to year). 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

EDEM686-09W (D) **Whole Year (S1 and S2)**

EDEM 687 Special Topic: Critical Literacy in Children's Literature and Media Texts

30 points 0.2500 EFTS

This course examines ideologies in myths, legends and folktales as represented in literature and film for children and young people. Having analysed a range of traditional stories from various perspectives, students will develop teaching/learning strategies, implement them and critically reflect on the experience.

P: Subject to approval of Head of School

EDEM687-09W (C) **Whole Year (S1 and S2)**
EDEM687-09W (D) **Whole Year (S1 and S2)**

EDEM 688 Special Topic

30 points 0.2500 EFTS

Not Offered in 2009

P: Subject to the approval of the Head of School

EDEM 689 Special Topic

30 points 0.2500 EFTS

Not Offered in 2009

P: Subject to the approval of the Head of School

EDEM 690 MEd Thesis

90 points 0.7500 EFTS

P: Subject to approval of the Head of School.
R: EDTL 904

EDEM690-09A (D) **Starts Anytime**

EDEM 691 MEd Thesis

120 points 1.0000 EFTS

P: Subject to approval of the Head of School.
R: EDTL 905

EDEM691-09A (D) **Starts Anytime**

EDEN 151 Introduction to English Education

5 points 0.0417 EFTS

This is a 100 level compulsory BTchLn (Primary) course which examines the role of English within the New Zealand curriculum, with special focus on the acquisition and development of oral language and beginning writing skills. Students are introduced to English in the New Zealand Curriculum.

EDEN151-09X (C) **Refer to website for dates**
EDEN151-09X (D) **Refer to website for dates**
EDEN151-09X (R) **Refer to website for dates**

EDEN 152 Introduction to English: Reading

5 points 0.0417 EFTS

This is a 100 level compulsory BTchLn (Primary) course involving the examination of reading theories and the reading process, in relation to English in the New Zealand Curriculum. The content examines contemporary practice in schools and future directions for the teaching of the reading sub strand of English in the New Zealand Curriculum.

EDEN152-09X (R) **Refer to website for dates**
EDEN152-09X (D) **Refer to website for dates**
EDEN152-09T3 (C) **Term 3**

EDEN 153 Introduction to Visual Language and Drama

3 points 0.0250 EFTS

This is a 100 level compulsory BTchLn (Primary) course which examines the role of Visual Language, Drama and Dance within the New Zealand curriculum documents of English and The Arts. It examines the role and power of visual language, drama and dance in communicating messages. The language of still and moving images is introduced. The fundamentals of voice, role play and classroom drama and dance are given focus.

EDEN153-09X (C)	**Refer to website for dates**
EDEN153-09X (D)	**Refer to website for dates**
EDEN153-09X (R)	**Refer to website for dates**

EDEN 263 Literacy Programmes Years 0-4

5 points 0.0417 EFTS

This is a 200 level compulsory BTchLn (Primary) course involving a review of theoretical perspectives underpinning literacy programmes in the Junior School. The course develops strategies for planning, implementing and evaluating an effective literacy programme for junior classes with a focus on the strands of English in the New Zealand Curriculum.

P: EDEN 151 and EDEN 152

EDEN263-09X (C)	**Refer to website for dates**
EDEN263-09X (N)	**Refer to website for dates**
EDEN263-09YD2 (D)	**Full Year D Second Half**
EDEN263-09YD2 (R)	**Full Year D Second Half**

EDEN 264 Literacy Programmes Years 5-8

5 points 0.0417 EFTS

This is a 200 level compulsory BTchLn (Primary) course which provides opportunities for students to apply theories and practices introduced at 100 level to the middle and upper school (Year 5-8). Students study the individual nature and interdependence of reading and writing, and the influence of the oral strand. These understandings are applied to classroom practices.

P: EDEN 151 and EDEN 152

EDEN264-09YD1 (D)	**Full Year D First Half**
EDEN264-09YD1 (R)	**Full Year D First Half**
EDEN264-09YD2 (C)	**Full Year D Second Half**
EDEN264-09YD2 (D)	**Full Year D Second Half**
EDEN264-09YD2 (N)	**Full Year D Second Half**

EDEN 307 Teaching English, Years 9 - 11

8 points 0.0667 EFTS

This course is designed for non-specialist English teachers and contributes to an additional teaching study. It is designed to familiarise students with English in the New Zealand Curriculum, up to and including year 11. It considers current curriculum methodology and includes practical workshops, modelling an interactive, process-oriented approach to teaching English across all three English strands, written, visual and oral. During the course students will develop an understanding of subject specific planning and assessment.

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

C: One of EDEN 355, EDEN 359, EDEN 361, EDEN 362.

EDEN307-09X (C)	**Refer to website for dates**
EDEN307-09X (N)	**Refer to website for dates**
EDEN307-09YC (R)	**Full Year C**
EDEN307-10X (C)	**Refer to website for dates**

EDEN 311 Teaching English, Years 9 - 13

24 points 0.2000 EFTS

Designed for the specialist English teacher, this is the compulsory course for students who will be teaching English at secondary school level, years 9 - 13. It considers current pedagogical theories and curriculum methodologies and includes practical workshops, modelling an interactive, process-oriented approach to teaching English across all three strands, Written, Visual and Oral. During the course, students will develop an understanding of subject specific planning and assessment

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

EDEN311-09YC (C)	**Full Year C**
EDEN311-09YC (N)	**Full Year C**
EDEN311-09YC (R)	**Full Year C**
EDEN311-09X (C)	**Refer to website for dates**

EDEN 355 Exploring Language

4 points 0.0333 EFTS

This course focuses on the Exploring Language process in the English curriculum. It introduces students to the Ministry of Education resource Exploring Language: A Handbook for Teachers, a resource which students are strongly urged to purchase. The course has a dual focus. It aims to model and present a richly creative, broad and interactive approach to teaching across all years, as well as the specific language and research requirements at years 12 and 13. It also aims to develop students' meta-linguistic knowledge, focusing on increasing their understandings about how language works and on the teaching and learning of grammar, syntax and terminology in the secondary mainstream classroom.

P: Subject to the approval of Head of School.

EDEN355-09YC (R)	**Full Year C**
EDEN355-09X (C)	**Refer to website for dates**
EDEN355-09X (N)	**Refer to website for dates**
EDEN355-10X (C)	**Refer to website for dates**

EDEN 359 Teaching Writing

4 points 0.0333 EFTS

This course focuses on lively and interactive ways of teaching and assessing writing in the classroom. Students will complete a writing folio of their own in order to consolidate their understanding and experience of writing processes. Although it is designed with English majors in mind, it also caters to the needs of students from other curriculum areas. It considers the writing process, ways of implementing writing programmes within classrooms, and

a range of current research and issues related to writing and responding to writing in the classroom.

P: Subject to the approval of Head of School.

EDEN359-09X (C)	**Refer to website for dates**
EDEN359-09X (N)	**Refer to website for dates**
EDEN359-09X (R)	**Refer to website for dates**
EDEN359-10X (C)	**Refer to website for dates**

EDEN 361 Teaching Drama

4 points 0.0333 EFTS

This 4 point course focuses on a variety of approaches to integrating drama into classroom teaching. Although it has English teachers in mind, it also caters to the needs of students from other curriculum areas. The course will be run concurrently with the last part of the more specialised EDEN363, Drama and the Performing Arts, which is aimed at students wanting to teach drama as part of the new Arts curriculum. It will deal with drama as a learning tool as well as elements of performance work

P: Subject to the approval of Head of School.
R: EDEN 363

EDEN361-09X (N)	**Refer to website for dates**
EDEN361-09X (R)	**Refer to website for dates**
EDEN361-09T4 (C)	**Term 4**

EDEN 362 Teaching Media

4 points 0.0333 EFTS

This 4 point course introduces students to an understanding of media literacy and aspects of visual literacy, including the role, issues, artistry and artifice of the mass media. Approaches to the critical analysis of the constructs, codes, and conventions of different media texts, print and film will be considered. Unit Standards and Achievement Standards for Media Studies will be covered in the course. The course has a practical as well as a theoretical focus.

P: Subject to the approval of Head of School.

EDEN362-09X (C)	**Refer to website for dates**
EDEN362-09X (N)	**Refer to website for dates**
EDEN362-09X (R)	**Refer to website for dates**

EDEN 363 Drama and the Performing Arts

12 points 0.1000 EFTS

This course presents a variety of approaches to teaching drama in schools, aimed at those wanting to teach drama as a specialist curriculum area. It considers different theories, models and approaches to drama and focuses on both the curricular and extra-curricular. It will deal with drama as a learning tool, as well as elements of performance work and the performing arts in practice. The last part of the course includes EDEN361 and involves students in sharing and developing expertise in the art forms through the production of a stage performance.

P: Subject to the approval of Head of School.
R: EDEN 361

EDEN363-09YC (R)	**Full Year C**
EDEN363-09YC (C)	**Full Year C**
EDEN363-09X (N)	**Refer to website for dates**
EDEN363-09X (C)	**Refer to website for dates**

EDEN 371 Low Progress Readers and Writers

5 points 0.0417 EFTS

This compulsory course is designed to assist students to work successfully with low progress readers and writers. It identifies processing strategies that characterise learners experiencing difficulty with written language and reading, and provides opportunities for supervised intensive work in the planning of individual programmes with low progress children in the middle and upper school.

P: EDEN 263 and EDEN 264

EDEN371-09YD1 (D)	**Full Year D First Half**
EDEN371-09YD1 (R)	**Full Year D First Half**
EDEN371-09YD2 (D)	**Full Year D Second Half**
EDEN371-09X (C)	**Refer to website for dates**
EDEN371-09X (N)	**Refer to website for dates**

EDEN 372 Planning and Implementing English Programmes

8 points 0.0667 EFTS

This course identifies and consolidates the students' knowledge of the three strands of English in the New Zealand Curriculum while establishing effective programmes in the primary school. This course also consolidates the processes involved in long term planning and the implementation of language programmes based on the needs of children. Current educational principles and research are explored enabling students to establish personal philosophies of English language teaching. Children's literature is examined to identify characteristics that determine its suitability to share with children, and ideas for developing its accessibility.

P: EDEN 263 and EDEN 264

EDEN372-09YD2 (D)	**Full Year D Second Half**
EDEN372-09T3 (C)	**Term 3**

EDEN 373 Literature Across the Curriculum

8 points 0.0667 EFTS

This course explores picture books, novels, short stories and poetry within teacher constructed integrated units across the curriculum. It builds on student knowledge as well as planning to meet achievement objectives across curriculum areas. Literary theory, including reader response and ideologies, are explored as is the reading environment within classrooms. Literature based activities and a focus on New Zealand literature forms part of the study. An examination of visual aspects of the picture book consolidates and extends student knowledge of facets of the visual strand.

P: EDEN 263 and EDEN 264

EDEN373-09T1 (C)	**Term 1**
EDEN373-09T2 (C)	**Term 2**

EDEN 374 Study Projects in English

8 points 0.0667 EFTS

Not Offered in 2009

This course enables participants to deepen their theoretical knowledge and understanding of a particular aspect of literacy teaching and gives them the opportunity to carry out a small-scale investigation that will benefit their own future teaching, and increase their understanding of the

Please check www.canterbury.ac.nz/courses for the latest course information.

role of research in literacy teaching and learning. A review of current research is required, and then participants must design and implement a small practical study in a primary classroom, based on a literacy topic of their choice. Topics need approval from the Course Coordinator.

P: EDEN 263 and EDEN 264

EDEN 375 Using Drama in Classroom Programmes

8 points 0.0667 EFTS

Students, through engagement with a range of visual, auditory and kinaesthetic forms and symbols of drama, will gain the skills and knowledge necessary to explore with children how society thinks, knows, communicates, in ways that link imagination, thinking and feeling.

P: EDEN 263 and EDEN 264

EDEN375-09YD2 (N)	**Full Year D Second Half**
EDEN375-09T3 (C)	**Term 3**
EDEN375-09T4 (D)	**Term 4**

EDGT 347 Teaching Graphics Years 7 - 13

12 points 0.1000 EFTS

This is a compulsory course for students who plan to teach Graphics from Year 7 to Year 13. It considers all aspects of teaching Graphics in the Classroom as well as suitable teaching strategies and approaches that can be used. The course focuses on (a) what makes a good Graphics lesson (b) what makes a balanced Graphics programme.

EDGT347-10X (C)	**Refer to website for dates**

EDHE 350 Home Economics Years 7-10

8 points 0.0667 EFTS

This is a compulsory course designed for Home Economic students who wish to teach in the areas of food and nutrition education and food technology at years 7-10 level. It includes relevant aspects of Home Economics from the Health and Physical Education Curriculum and the Technology Curriculum. Students will examine processes and strategies for implementing programmes from each of the curriculum areas including strategies required for teaching a specialist subject.

P: CAPS (Otago) or a similar qualification in another subject area with additional qualifications in the food industry or nutrition.

C: EDHE 360

EDHE350-10X (C)	**Refer to website for dates**

EDHE 357 Home Economics Years 11-13

12 points 0.1000 EFTS

Designed for the specialist Home Economics teacher this course considers issues within the senior school and is one of three compulsory courses that comprise the major teaching study. This course explores teaching and learning, planning assessment and resources within the context of national prescriptions and guidelines, hospitality courses and the National Qualifications Framework.

P: Minimum 200-level papers in nutrition, health sciences, food technology, food science, consumer and applied science or equivalent by negotiation.

C: EDHE 350, EDHE 360.

EDHE357-09YC1 (C)	**Full Year C First Half**
EDHE357-10X (C)	**Refer to website for dates**

EDHE 360 Food Technology Production and Process Years 7-10

4 points 0.0333 EFTS

Not Offered in 2009

This is a compulsory course for the specialist Home Economics teacher, but can also be taken by students interested in teaching food technology production and process. It examines people working within in a food business and includes a basic understanding of practices that result in safe food including legislation, policies, procedures and practices. The food business is an operation that engages in the production, manufacture, preparation, packaging, storage, handling, transport, distribution, or sale of food. Students can apply this knowledge and develop skills and classroom strategies for effective teaching and learning within the Home Economics and Technology rooms.

EDHL 151 Health Education 1

5 points 0.0417 EFTS

This is a 100 level compulsory BTchLn (Primary) course. It is designed to assist students to develop the knowledge, skills and understandings to plan and implement successful health lessons based on Health and Physical Education in the New Zealand Curriculum, Ministry of Education, 1999.

EDHL151-09X (C)	**Refer to website for dates**
EDHL151-09X (D)	**Refer to website for dates**
EDHL151-09X (R)	**Refer to website for dates**

EDHL 261 Health Education 2

5 points 0.0417 EFTS

This is a 200 level compulsory BTchLn (Primary) course. The course develops knowledge and understanding of the underlying philosophical foundations of health education introduced in EDHL151. It is designed to assist students to develop the necessary skills and understandings of health education and promotion so that they can implement a health education programme based on Health and Physical Education in the New Zealand Curriculum. The course also introduces students to classroom strategies for dealing with topical health issues.

P: EDHL 151

EDHL261-09T1 (C)	**Term 1**
EDHL261-09YD2 (D)	**Full Year D Second Half**
EDHL261-09YD2 (R)	**Full Year D Second Half**
EDHL261-09YD2 (N)	**Full Year D Second Half**

EDHL 302 Health Education Years 9-13

8 points 0.0667 EFTS

This course examines current curriculum documents in Health Education. It provides opportunities for students

to explore theoretical perspectives, issues, planning, assessment and resources related to health education, and to develop knowledge, skills and classroom strategies for effective teaching and learning in this curriculum area. It is a compulsory subject for all students majoring in health education and for those studying health as an additional teaching subject.

EDHL302-09X (C)	**Refer to website for dates**
EDHL302-09X (N)	**Refer to website for dates**
EDHL302-09X (R)	**Refer to website for dates**
EDHL302-09S2 (C)	**Semester 2**
EDHL302-10X (C)	**Refer to website for dates**

EDHL 303 Interpersonal Skills in Health Education

4 points 0.0333 EFTS

Designed to examine the interpersonal skills component of Health and Physical Education in the New Zealand Curriculum, this course is compulsory for health majors and recommended for those students studying health education as an additional teaching subject. Students will examine 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 and self worth and the development of a range of interpersonal skills.

EDHL303-09X (C)	**Refer to website for dates**
EDHL303-09X (N)	**Refer to website for dates**
EDHL303-09X (R)	**Refer to website for dates**
EDHL303-09S2 (C)	**Semester 2**
EDHL303-10T1 (C)	**Term 1**

EDHL 310 Mental Health

4 points 0.0333 EFTS

This course is designed to extend knowledge, skills and teaching and learning strategies developed in EDHL303, Interpersonal Skills in Health Education. Students will examine processes, strategies and resources for implementing classroom programmes which enhance mental health. The course focuses on interpersonal relationships; loss and grief; abuse and harassment issues; and anger, time and stress management. It is compulsory for health majors.

P: EDHL 303

EDHL310-09X (N)	**Refer to website for dates**
EDHL310-09X (R)	**Refer to website for dates**
EDHL310-09T4 (C)	**Term 4**

EDHL 371 Health Issues

8 points 0.0667 EFTS

This course provides opportunities for students to examine a range of health issues such as violence, bullying, body image, inappropriate touching, drugs, etc. It assists students to develop the knowledge, skills and understandings to address a range of health issues and successfully implement appropriate health education and health promotion programmes within the classroom and the wider school environment.

P: EDHL 261

EDHL371-09YD1 (D)	**Full Year D First Half**
EDHL371-09T2 (C)	**Term 2**

EDHL 372 Sexuality Education

8 points 0.0667 EFTS

Sexuality education is one of the seven key learning areas identified in Health and Physical Education in the New Zealand Curriculum. All primary school teachers from Years 1-8 are required to teach aspects of sexuality education in their classroom programmes. To implement a sexuality programme teachers need the knowledge and skills required to plan and implement classroom programmes which respect the diversity of values and beliefs of both students and their communities. Opportunities are provided for students to develop confidence and competence in planning sexuality programmes.

P: EDHL 261

EDHL372-09T3 (C)	**Term 3**

EDHL 399 Sexuality Education

8 points 0.0667 EFTS

This course examines current issues, practices and curriculum documents in sexuality education within Health and Physical Education in the New Zealand Curriculum. It explores teaching and learning approaches for sexuality education, and introduces resources appropriate for supporting sexuality programmes in secondary schools. It is a compulsory course for health majors.

EDHL399-09X (R)	**Refer to website for dates**
EDHL399-09X (N)	**Refer to website for dates**
EDHL399-09YC2 (C)	**Full Year C Second Half**

EDHL 711 Health Curriculum Studies

4 points 0.0333 EFTS

This course recognises the wide range of health experiences and needs of student teachers. It examines the health status and needs of New Zealand children, as well as focussing on the Health and Physical Education in the New Zealand Curriculum Statement.. In addition to studying the concept of needs-based health planning, the course also provides an overview of supportive community programmes and agencies.

EDHL711-09X (C)	**Refer to website for dates**
EDHL711-09YD2 (C)	**Full Year D Second Half**
EDHL711-09YD2 (D)	**Full Year D Second Half**
EDHL711-10X (C)	**Refer to website for dates**

EDHP 701 Tikanga Whakaako Reo / Language Teaching Methodologies

20 points 0.1667 EFTS

This course will examine and critique the development of theories of learning surrounding first language learning and second language learning acquisition and development. The course aims to encourage application of the theory and methodologies in a variety of Te Reo Maori learning

contexts. The focus will be on bilingual and immersion education, particularly the implementation of Te Tauaki Marautanga Reo Maori (the Maori Curriculum Statement).

EDHP701-09X (C) **Refer to website for dates**

EDHP 702 Te Whakaora Reo / Language Revitalisation

20 points 0.1667 EFTS

The focus of this paper is the historical trajectories of indigenous languages and an examination of bilingual and immersion teaching pedagogy - theory and practice. International models will be contrasted with the Maori language in Aotearoa and in particular in Te Waipounamu.

EDHP702-09X (C) **Refer to website for dates**

EDHP 703 He Huarahi Whakahaere / Policy, Management and Leadership

20 points 0.1667 EFTS

This course is a critical examination of Maori education with an emphasis on policy development, management and leadership in Maori education. The course will involve a thorough examination of historical and present day issues, in particular the Treaty of Waitangi, that have had a major influence on current policy and initiatives by the Government, by state funded departments, by learning institutions, by Maori in relation to Maori in education.

EDHP703-09X (C) **Refer to website for dates**

EDHP 704 Marautanga / Curriculum Development

20 points 0.1667 EFTS

This course is critical analysis and a comparison of theoretical frameworks of selected Maori Curriculum Statements designed for immersion and bilingual programmes in schools. It aims to develop student's knowledge of these Maori Curriculum Statements. Students will then apply this knowledge to the development of classroom programmes, units of work and supporting resources. The course will be delivered in Te Reo Maori and will use a wide range of Maori language material to support the curriculum statements.

EDHP704-09X (C) **Refer to website for dates**

EDHP 705 Matauranga Maori / Maori Knowledge Systems

20 points 0.1667 EFTS

The course will examine the nature, structure and function of Matauranga Maori. The course is underpinned by the theory that Maori knowledge and belief systems are held together by whakapapa and that tribal traditions and myths act as explanatory theories, while rituals are physical enactment of myth. Students will be exposed to Matauranga Maori (Maori forms of knowledge) with some comparisons and contrasts drawn with "knowledge" in a global context. However the emphasis will be on investigating, understanding and applying Matauranga Maori in both the traditional and contemporary contexts.

EDHP705-09X (C) **Refer to website for dates**

EDHP 706 Ka Korero o Nehe / Genres of the Classic Language

20 points 0.1667 EFTS

This course will examine the creative use of Maori literature rich in proverbs and idioms in a variety of formal and informal contexts. It is designed to advance and extend the Maori language proficiency of the student beyond the formal classroom/text-book language. The aim is to provide students with the opportunity to examine and critique a wide range of Maori literature that reflects thoughts on many aspects of Maori culture and tribal history with a particular emphasis on a Te Waipounamu context.

EDHP706-09X (C) **Refer to website for dates**

EDIC 701 Information and Communication Technology in the Teaching and Learning Process

15 points 0.1250 EFTS

This core course introduces skills and concepts related to the use of information and communication technologies (ICT) to support teaching and learning. The course will focus on developing an awareness of the pedagogical issues involved in the integration of ICT into classroom practice. Exemplars of curriculum based activities involving a variety of ICT will be related to their associated theories of learning and relevant academic research. Participants will develop a comprehensive rationale for the application of ICT in the school curriculum based on the experiences and readings provided during the course.

R: EDIC 751

EDIC701-09S1 (D) **Semester 1**

EDIC701-09YD2 (D) **Full Year D Second Half**

EDIC 702 Policy, Planning and Professional Development: Managing ICT in Education

15 points 0.1250 EFTS

The course develops knowledge and concepts related to the management of information and communication technologies (ICT) as teaching, learning and administrative tools in schools. Participants will investigate ways in which schools plan for new technologies, and will evaluate models of teacher professional development in ICT. The course involves an analysis of schools' practices, perceived needs, and policies in relation to the integration of ICT into the curriculum. Participants will complete an action research project related to professional development or policy development.

EDIC702-09S1 (D) **Semester 1**

EDIC 703 Research Project in Information and Communication Technology in Education

30 points 0.2500 EFTS

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 co-ordinator. 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

EDIC703-09W (D) **Whole Year (S1 and S2)**

EDIC 704 Tools for Thinking and Learning: Database and Spreadsheet Use in the Classroom

15 points 0.1250 EFTS

This course will provide an introduction to spreadsheets and databases and their use in education together with an in-depth exploration of more advanced features of at least one of them. While the applications themselves may be viewed as tools for use in business or administration, the focus in this course will be on classroom use.

EDIC704-09YD2 (D) **Full Year D Second Half**

EDIC 705 Network Management and Computer Operating Systems in Schools

15 points 0.1250 EFTS

Not Offered in 2009

The course will outline the key concepts and principles of computer operating systems, local area networks and internet connections as used in schools and small educational institutions. Students may choose to specialise their assignments in the Windows or Macintosh operating systems.

EDIC 706 The Global Classroom

15 points 0.1250 EFTS

Not Offered in 2009

This course introduces students to the pedagogy and technology of open, distance and flexible learning. The course aims at developing an understanding of the background and philosophy underpinning recent developments in this area, together with an understanding of both the instructional design principles and information and communications technologies used. An opportunity to apply these understandings in a practical context is also included.

EDIC 707 Information Literacy through Inquiry Learning

15 points 0.1250 EFTS

Information and communication technologies provide strategic tools to support inquiry learning and information literacy. This optional course aims to develop a comprehensive understanding of the principles of information processing, and the skills, strategies and techniques required to develop information literacy. The course also examines the changing role and functions of the school library as a learning resource centre in the digital age.

R: EDIC 757
EQ: EDIC 757

EDIC707-09YD2 (D) **Full Year D Second Half**

EDIC 708 Producing and Integrating Effective ICT Resources into the Classroom

15 points 0.1250 EFTS

This course is designed for teachers who wish to improve their ability to produce effective teaching resources using computer applications and to understand how this knowledge can be used to improve the learning of their course participants. Concepts and practical elements of word processing, desktop publishing, and graphic design are incorporated into printed materials and multi-media presentations to create resources with visual impact and sound instructional design. Course participants will use these skills to develop curriculum based resources, engage in independent inquiry to research implications for integrating computer resources into the classroom, and will debate these issues in classroom discussions.

EDIC708-09S1 (D) **Semester 1**

EDIC 711 Special Project in Information and Communication Technology in Education

15 points 0.1250 EFTS

Participants will undertake the design and development of a significant ICT project related to education. The project should appeal particularly to those with an interest in authoring, programming, advanced database or spreadsheet development, website and intranet development, or to those 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.

EDIC711-09A (C) **Starts Anytime**

EDIC 712 Using and Creating Web Sites for Teaching and Learning

15 points 0.1250 EFTS

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 EDIC706 The Global Classroom.

EDIC712-09S1 (D) **Semester 1**

EDIC 714 Best Practices in Online Teaching and Learning

15 points 0.1250 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 look at the growing body of research about online learning and examine effective techniques for successful online teaching and learning.

R: EDEM 628, EDTL 894

EDIC714-09S1 (D) **Semester 1**

EDIC 716 Teaching Online: Course Development Project

15 points 0.1250 EFTS

This course will relate some specific content covered during EDIC714 (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: IT716, IC716

EDIC716-09YD2 (D) **Full Year D Second Half**

EDIC 721 Information and Communication Technology in Early Childhood: Supporting Learning and Development

15 points 0.1250 EFTS

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.

EDIC721-09S1 (D) **Semester 1**

EDIC 722 Information and Communication Technology in Early Childhood: Connecting Children, Families/ Whanau and Teachers

15 points 0.1250 EFTS

The emphasis in this course is on developing strategies and resources which will strengthen the relationships, communication and interactions between children, families/ whanau and teachers. In particular the course will introduce teachers to digital storytelling and electronic portfolios as approaches to document, reflect, communicate and support children's learning in partnership with their families/ whanau.

EDIC722-09YD2 (C) **Full Year D Second Half**

EDIC 723 Information and Communication Technology in Early Childhood: Professional Learning and Practice

15 points 0.1250 EFTS

This is an optional course which explores the role of ICT to support professional learning and practice for early childhood educators. The emphasis in this course is on developing confidence and capability in using ICT to support planning, administration, information management, and professional learning and networking.

EDIC723-09X (D) **Refer to website for dates**

EDIC 751 Information and Communication Technology in the Teaching and Learning Process

15 points 0.1250 EFTS

This course introduces skills and concepts related to the use of computers as effective teaching/learning aids in education and allows participants to reflect and evaluate their own teaching and learning. The course will focus on developing an awareness of the pedagogical issues involved in the integration of ICT into classroom practice. Exemplars of curriculum based activities involving a variety of ICTs will be related to their associated theories of learning and relevant academic research.

R: EDIC 701
EQ: EDIC 701

EDIC751-09A (D) **Starts Anytime**

EDIC 752 Policy, Planning and Professional Development: Managing ICT in Education

15 points 0.1250 EFTS

Not Offered in 2009

This core course introduces skills and concepts related to the use of information and communication technologies (ICT) to support teaching and learning. The course will focus on developing an awareness of the pedagogical issues involved in the integration of ICT into classroom practice. Exemplars of curriculum based activities involving a variety of ICT will be related to their associated theories of learning and relevant academic research. Participants will develop a comprehensive rationale for the application of ICT in the school curriculum based on the experiences and readings provided during the course.

EDIC 757 Information Literacy through Inquiry Learning

15 points 0.1250 EFTS

Information and communication technologies provide strategic tools to support inquiry learning and information literacy. This optional course aims to develop a comprehensive understanding of the principles of information processing, and the skills, strategies and techniques required to develop information literacy. The course also examines the changing role and functions of the school library as a learning resource centre in the digital age.

R: EDIC 707
EQ: EDIC 707

EDIC757-09A (D) **Starts Anytime**

EDIC 758 Producing and Integrating Effective ICT Resources in the Classroom

15 points 0.1250 EFTS

This course is designed to improve a teacher's ability to produce effective teaching resources using computer applications and to demonstrate how this knowledge can improve the learning of their course participants. Concepts and practical elements of word processing, desktop publishing, and graphic design are incorporated into printed materials and multi-media presentations to create resources with visual impact and sound instructional

design. Course participants will use these skills to develop curriculum based resources, research implications for integrating computer resources into the classroom, and will debate these issues in classroom discussions.

EDIC758-09A (D) **Starts Anytime**

EDIC 797 ICT Unspecified Credit 1

3 points 0.0250 EFTS

This unspecified credit is awarded to teachers who have satisfactorily completed approved additional study to bridge the 3 credit difference between 15 credit GradDipICTEd/ GradCertOTL courses and 18 credit BTchLn courses.

EDIC797-09A (D) **Starts Anytime**

EDIC 798 ICT Unspecified Credit 2

3 points 0.0250 EFTS

This unspecified credit is awarded to teachers who have satisfactorily completed approved additional study to bridge the 3 credit difference between 15 credit GradDipICTEd/ GradCertOTL courses and 18 credit BTchLn courses.

EDIC798-09A (D) **Starts Anytime**

EDIC 799 ICT Unspecified Credit 3

3 points 0.0250 EFTS

This unspecified credit is awarded to teachers who have satisfactorily completed approved additional study to bridge the 3 credit difference between 15 credit GradDipICTEd/ GradCertOTL courses and 18 credit BTchLn courses.

EDIC799-09A (D) **Starts Anytime**

EDIL 343 International Language Learning and Teaching Years 7 - 10

12 points 0.1000 EFTS

8 points of this 12 point Additional Teaching Study runs concurrently with EDML374. It is designed to prepare students to teach the Learning Languages Essential Learning Area, a new curriculum area due to become compulsory at years 7 - 10 from 2008. The course will introduce key ideas about how additional languages are learned and second language pedagogy. It is aimed at students who wish to teach international languages at years 7 - 10 level. Students will also complete an investigatory assignment related to teaching a specific language.

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

EDIL343-09T2 (C) **Term 2**
EDIL343-10T2 (C) **Term 2**

EDIL 347 International Language Learning and Teaching

12 points 0.1000 EFTS

This generic course aims to introduce students to an overview of international language teaching years 11 - 13 in New Zealand schools and the principles of second language acquisition. It offers an historical overview of language teaching methodologies and an in-depth focus on communicative language teaching. It explores planning activities, lessons, units of work, full year programmes, assessment procedures, the place of culture in the language classroom, resources, ICT, support available to beginning teachers and language department administration.

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

EDIL347-09YC (C) **Full Year C**
EDIL347-09X (C) **Refer to website for dates**
EDIL347-10X (C) **Refer to website for dates**

EDIS 723 Beginning Teacher Investigations in Inquiry-based Learning

16 points 0.1333 EFTS

This is a compulsory, inquiry-based learning course which builds on the first two semesters of learning in the GradDipTchLn. It provides students with the experience of being actively involved in an authentic "real-world" task that leads to a self-selected and negotiated "rich" outcome. With guidance, students will pose themselves a "big question", source and collect relevant information and negotiate the form that their presentation to an appropriate audience will take. Throughout the course, students 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 a refined NZ Curriculum Framework.

P: EDPP 511

EDIS723-09X (D) **Refer to website for dates**
EDIS723-09X (C) **Refer to website for dates**
EDIS723-09T3 (C) **Term 3**
EDIS723-10X (D) **Refer to website for dates**
EDIS723-10X (C) **Refer to website for dates**
EDIS723-10T3 (C) **Term 3**

EDIT 101 Computer Applications

4 points 0.0333 EFTS

This course will include a range of necessary computer assisted applications and skills necessary to enhance instruction in the broad Physical Education teaching environment.

EDIT101-09S1 (C) **Semester 1**

EDIT 152 Information and Communication Technology 1

5 points 0.0417 EFTS

This is a 100 level compulsory BTchLn (Primary) course, which focuses on developing the necessary range of basic information technology skills and knowledge essential in the primary classroom, to enhance teaching and learning. It supports all curriculum areas being studied in other college courses and its contents are further developed within 200 level curriculum courses.

EDIT152-09X (D) **Refer to website for dates**
EDIT152-09T1 (C) **Term 1**
EDIT152-09X (R) **Refer to website for dates**
EDIT152-09X (C) **Refer to website for dates**

EDIT 371 Using Information and Communications Technologies in the Classroom

8 points 0.0667 EFTS

The course aims to develop students competency in using information and communication technologies in an educational context, and it also explores some of the theoretical issues associated with their use. Students use a variety of technologies to retrieve, manipulate and present information including scanners, digital cameras, video, audio, application software, and other multimedia. Careful planning and resource management is seen as an important element of working with multimedia. Currently the software used for this course includes: HyperStudio, Internet Explorer and iMovie.

P: EDIT 152

EDIT371-09T2 (C) **Term 2**
EDIT371-09T3 (C) **Term 3**
EDIT371-09X (D) **Refer to website for dates**

EDIT 372 Using Telecommunications in the Classroom

8 points 0.0667 EFTS

The course aims to develop students competency in using web-based resources in an educational context, and it also explores some of the theoretical issues associated with their use. Currently the software used for this course includes: Simple Text (used to write HTML), Internet Explorer, Netscape Navigator Adobe, Microsoft Frontpage and iMovie.

P: EDIT 152

EDIT372-09T3 (C) **Term 3**

EDIT 373 Problem-based Learning using ICT

8 points 0.0667 EFTS

Not Offered in 2009

This course aims to develop a process model of curriculum development where the focus is on offering challenge through thinking tasks and problem solving without identifying outcomes. In teaching information skills within a process model, students are encouraged to actively engage with information rather than to listen unquestioningly as they receive the knowledge of others.

P: EDIT 152

EDIT 400 Strategies for E-Learning

4 points 0.0333 EFTS

This compulsory course introduces core ICT skills and knowledge. Students will examine how e-learning strategies can support meaningful learning and will be introduced to topics relevant to understanding and using information and communication technologies (ICT) in the classroom. Students will develop knowledge about and familiarity with a range of information and communication technologies, understand effective uses of ICT for teaching and learning, and employ safe, ethical and equitable use of ICT for teaching and learning.

EDIT400-09X (N) **Refer to website for dates**
EDIT400-09YC (C) **Full Year C**
EDIT400-09X (R) **Refer to website for dates**
EDIT400-09X (C) **Refer to website for dates**

EDIT 401 Teaching and Learning through ICT

8 points 0.0667 EFTS

This optional course allows students to further develop their ICT skills and knowledge and to undertake a more in-depth study of a range of information and communication technologies. Students will examine how these ICT skills and knowledge can be used to enhance and support effective teaching and learning in their curriculum area and they will create resources that can be used for teaching and learning. Topics will include strategies for teaching online; the creation of and uses for digital photography and video in the classroom; the design of WebPages for educational use; and the design and use of interactive multimedia for teaching and learning.

EDIT401-09YC2 (C) **Full Year C Second Half**

EDLE 711 Literacy Studies

20 points 0.1667 EFTS

This course ensures that students can demonstrate competence in planning, implementing and evaluating effective literacy programmes including the exploration of how technologies can support and enhance children's learning. In the 21st century the term literacy extends beyond the acts of speaking, reading and writing to encompass such dimensions as critical, cultural, linguistic and technological literacies. This course examines the role and power of oral, written and visual language and technologies to communicate messages including some focus on social and cultural influences such as gender, ethnicity and socio-economic variables.

EDLE711-09W (D) **Whole Year (S1 and S2)**
EDLE711-09T1 (C) **Term 1**
EDLE711-09CY (C) **Cross Year**

EDMI 144 Marautanga Maori - Te Reo me ona Tikanga

5 points 0.0417 EFTS

This is a compulsory 100 level course. It focuses on the Maori dimension - te reo me ona tikanga and enables both Maori and non-Maori students to develop an awareness of Maori language and culture. The course also introduced students to the requirements of Tihe Mauri Ora! - Maori Language Junior Classes to Form 2 and Te Ata Hapara.

EDMI144-09X (D) **Refer to website for dates**
EDMI144-09X (R) **Refer to website for dates**
EDMI144-09X (C) **Refer to website for dates**

EDMI 145 Te Reo Me Nga Tikanga Maori 1

10 points 0.0833 EFTS

This is a compulsory course at 100 level which focuses on Maori perspectives through te reo me ona tikanga, and

allows students to develop an awareness of Maori culture and language.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

C: EDTP 156

EDMI145-09YA (T)	**Full Year A**
EDMI145-09YA (Y)	**Full Year A**
EDMI145-09W (D)	**Whole Year (S1 and S2)**
EDMI145-09W (C)	**Whole Year (S1 and S2)**

EDMI 151 Cultural Studies

10 points 0.0833 EFTS

This is a compulsory 100 level course designed to heighten the awareness of students to cultures within the society of Aotearoa/New Zealand. The course will focus on Te Tiriti o Waitangi, bicultural and multicultural awareness.

R: EDMI 152

EDMI151-09YA (T)	**Full Year A**
EDMI151-09YA (Y)	**Full Year A**
EDMI151-09YA (D)	**Full Year A**

EDMI 152 Cultural Studies

15 points 0.1250 EFTS

This is a compulsory 100 level course designed to heighten the awareness of students to cultures within the society of Aotearoa/New Zealand. The course will focus on Te Tiriti o Waitangi, bicultural and multicultural awareness.

R: EDMI 151

EDMI152-09W (C)	**Whole Year (S1 and S2)**
EDMI152-09W (D)	**Whole Year (S1 and S2)**

EDMI 251 Marautanga Maori - Rua

5 points 0.0417 EFTS

This is a compulsory 200 level course for BTchLn (Primary) students. The course consolidates Te Reo me ona Tikanga acquired in EDM144. It further develops confidence in the use of curriculum documents and resources for the teaching, learning and assessment of Te Reo me ona Tikanga in Primary Schools. The course continues to focus on confidence, proficiency, and knowledge development in Te Reo Maori me ona Tikanga.

P: EDMI 144

EDMI251-09YD (C)	**Full Year D**
EDMI251-09YD (D)	**Full Year D**
EDMI251-09YD (R)	**Full Year D**
EDMI251-09X (N)	**Refer to website for dates**

EDMI 254 Te Reo Me Nga Tikanga Maori 2

10 points 0.0833 EFTS

This is a compulsory 200 level course which focuses on consolidating and extending the skills acquired in EDMI145. Emphasis will be given to oral and written Maori, 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: EDMI 145

C: EDTP 263 and EDTP 264

EDMI254-09YA (C)	**Full Year A**
EDMI254-09YA (T)	**Full Year A**
EDMI254-09YA (Y)	**Full Year A**
EDMI254-09YD (D)	**Full Year D**
EDMI254-09YD (C)	**Full Year D**

EDMI 302 Nga Kakano - Te Reo Maori Years 9 -10

8 points 0.0667 EFTS

This is a compulsory course for Secondary Programme students wanting to teach reo Maori at Years 9 and 10. The course considers issues and developments in the reo Maori curriculum and aims to develop assessment techniques and teaching and learning strategies appropriate for junior classes in Mainstream schools.

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

EDMI302-09X (C)	**Refer to website for dates**
EDMI302-09X (N)	**Refer to website for dates**
EDMI302-09YC (R)	**Full Year C**
EDMI302-10X (C)	**Refer to website for dates**

EDMI 304 Te Puawaitanga - Te Reo Maori Years 12-13

8 points 0.0667 EFTS

This is a compulsory course for Secondary Programme students who wish to teach reo Maori at Year 11. It focuses on the teaching and learning of language to Year 11 students and considers issues and developments in the Te Reo Maori curriculum at Koeke 1, and level 1 achievement standards (NCEA). Assessment, teaching strategies and methodologies appropriate to Year 11 learners of reo Maori in mainstream classes are explored

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

EDMI304-09YC (R)	**Full Year C**
EDMI304-09YC2 (C)	**Full Year C Second Half**
EDMI304-09X (N)	**Refer to website for dates**

EDMI 310 Te Tipuranga - Te Reo Maori Year 11

8 points 0.0667 EFTS

This is a compulsory course for Te Reo Maori majors and is designed for students wanting to teach reo Maori to Year 12 and 13 students in mainstream schools. This teaching study focuses on koeke, 2 and 3 of the Te Reo Maori curriculum, and senior school Te Reo Maori Achievement Standards. Students in this course will become familiar with the development and implementation of reo Maori programmes at senior school level, course objectives, content requirements, assessment procedures, teaching methodologies

and issues that are raised in relation to the teaching of Te Reo Maori in mainstream school settings.

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

EDMI310-09X (N)	**Refer to website for dates**
EDMI310-09YC (R)	**Full Year C**
EDMI310-09YC (C)	**Full Year C**
EDMI310-09X (C)	**Refer to website for dates**

EDMI 361 Marautanga Maori - Toru

5 points 0.0417 EFTS

This is a 300 level compulsory course which focuses on te reo me ona tikanga and seeks to consolidate and extend the skills acquired in MI251. Along with developing competence in te reo me ona tikanga, it also addresses Maori pedagogical perspectives that are relevant to teaching, learning and assessment and include a research component concerned with matauranga Maori-(Maori knowledge).

P: EDMI 251

EDMI361-09YD1 (D)	**Full Year D First Half**
EDMI361-09YD1 (R)	**Full Year D First Half**
EDMI361-09X (N)	**Refer to website for dates**
EDMI361-09X (C)	**Refer to website for dates**

EDMI 363 Te Reo Me Nga Tikanga Maori 3

10 points 0.0833 EFTS

This is a compulsory 300 level course that focuses on consolidating and extending the skills acquired in EDMI142 and EDMI253. Emphasis will be given to oral and written Maori, tikanga as a foundation for working within early childhood, and broadening students' understanding of Maori 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: EDMI 254

C: EDTP 373 and EDTP 374

EDMI363-09YA (C)	**Full Year A**
EDMI363-09YA (T)	**Full Year A**
EDMI363-09YA (Y)	**Full Year A**
EDMI363-09X (T)	**Refer to website for dates**
EDMI363-09X (Y)	**Refer to website for dates**
EDMI363-09X (C)	**Refer to website for dates**
EDMI363-09YD (D)	**Full Year D**
EDMI363-09YD (C)	**Full Year D**
EDMI363-09X (D)	**Refer to website for dates**

EDMI 364 Nga Mahi Toi

8 points 0.0667 EFTS

Not Offered in 2009

This is a 300 level optional course which focuses on aspects of Maori art in both traditional and contemporary forms. It also extends students understanding of Maori values and cultural integrity through work within College and within the wider community. The course seeks to provide participants with an appreciation, and an understanding of Maori art, and its significance within their community.

EDMI 369 Rauemi Ako

8 points 0.0667 EFTS

This course continues to foster and extend students' knowledge and use of Te Reo me ona Tikanga in an endeavour to build confidence and competence in the planning and delivery of Maori to children. Students develop a variety of resources to support and enhance language acquisition and knowledge of Te Ao Maori (the Maori world view) which will enable children to participate in Te Reo me ona Tikanga across the curriculum.

P: EDMI 251

EDMI369-09T2 (C)	**Term 2**
EDMI369-09T2 (N)	**Term 2**

EDMI 371 He Korero Purakau

8 points 0.0667 EFTS

Not Offered in 2009

This course aims to develop students understanding of the Maori genres of storytelling, to develop confidence and skills in storytelling and an appreciation of its significance in traditional and contemporary Maori pedagogy.

P: EDMI 251

EDMI 400 Te Korowai Marama (The Cloak Of Enlightenment)

4 points 0.0333 EFTS

Not Offered in 2009

This course provides teacher trainees with the opportunity to build on Professional Studies content. This is achieved by furthering Maori language skills, increasing confidence presenting in bicultural settings, providing opportunities to develop greater empathy for Maori learners and developing strategies to increase Maori participation and achievement in secondary schools.

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

EDML 151 Multicultural and Language Studies 1

5 points 0.0417 EFTS

This is a 100 level compulsory course for BTchLn (Primary) students. It introduces key concepts about multiculturalism and learning English as a second language. This course develops teachers' sensitivity to the significance of culture, ethnicity, community languages and second language development in the learning environment.

EDML151-09S1 (D)	**Semester 1**
EDML151-09X (R)	**Refer to website for dates**
EDML151-09X (C)	**Refer to website for dates**

EDML 261 Multicultural and Language Studies 2

5 points 0.0417 EFTS

This is a 200 level compulsory course for BTchLn (Primary) students. It builds on the key concepts about multiculturalism and learning English as a second language introduced in EDML151. It aims to extend students' understandings

about the interaction between culture and learning. Students are introduced to practical strategies and approaches to enhance their ability to plan and implement appropriate and meaningful learning programmes for learners from diverse cultural and language backgrounds.

P: EDML 151

EDML261-09T2 (C)	**Term 2**
EDML261-09YD2 (D)	**Full Year D Second Half**
EDML261-09YD2 (R)	**Full Year D Second Half**
EDML261-09YD2 (N)	**Full Year D Second Half**

EDML 371 Meeting the Needs of NESB Learners

8 points 0.0667 EFTS

This course is an optional course for graduating students who wish to extend their knowledge and skills to help NESB children to learn and succeed in English. Methodology and strategies to teach vocabulary, grammar, listening, speaking, reading and writing are covered. Assessing needs, describing language and developing resources are also covered. Students have opportunities to practise and apply the strategies they learn by working with several NESB children over 4 - 5 lessons.

P: EDML 261

EDML371-09T4 (C)	**Term 4**

EDML 374 Teaching and Learning Languages other than English

8 points 0.0667 EFTS

This course is designed to prepare students to teach the Learning Languages Essential Learning Area, a new curriculum area due to become compulsory at Years 7 - 10 from 2008. The course will introduce key ideas about how additional languages are learned, instructed second language acquisition and second or foreign language pedagogy. It is aimed at students who have background knowledge of, or at least a strong interest in, languages, or a language other than English.

P: EDML 261

EDML374-09T2 (C)	**Term 2**

EDMS 152 Mathematics Education 1

10 points 0.0833 EFTS

This is a 100 level BTchLn (Primary) compulsory course, which focuses on mathematics teaching and learning in the primary school as outlined in Mathematics in the New Zealand Curriculum. The course introduces the document Mathematics in the New Zealand Curriculum. Students are also introduced to a variety of teaching resources, planning techniques and assessment methods. They research aspects of equity, constructivism and meaningful contexts in mathematics.

EDMS152-09X (D)	**Refer to website for dates**
EDMS152-09X (R)	**Refer to website for dates**
EDMS152-09X (C)	**Refer to website for dates**

EDMS 262 Mathematics Education and the Number Framework

5 points 0.0417 EFTS

This is a 200 level compulsory BTchLn (Primary) course, which focuses on mathematics teaching and learning in the primary school as outlined in Mathematics in the New Zealand Curriculum and the Ministry of Education's Numeracy Project. The course is designed to further develop the knowledge, skills and attitudes necessary for effective mathematics teaching. The course includes planning, assessment, individual needs, curriculum interpretation and the effective delivery of mathematics in the classroom.

P: EDMS 152

EDMS262-09YD1 (C)	**Full Year D First Half**
EDMS262-09YD (D)	**Full Year D**
EDMS262-09YD (R)	**Full Year D**
EDMS262-09W (N)	**Whole Year (S1 and S2)**

EDMS 307 Mathematics Teaching Years 7 - 10

12 points 0.1000 EFTS

A compulsory course for students taking mathematics as a major teaching study. It is also available for those students wanting an enhanced course where mathematics is a minor teaching study. This course provides an introduction to teaching Mathematics in secondary schools with a focus on teaching at Years 7-10. The current Mathematics Curriculum is explored as well as resources for mathematics teaching, including technology. During the course, students will gain experience in teaching approaches, assessment practices and communication of mathematical ideas. Research findings about student learning in mathematics are also included

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

EDMS307-09YC (C)	**Full Year C**
EDMS307-09YC (N)	**Full Year C**
EDMS307-09X (R)	**Refer to website for dates**
EDMS307-09X (C)	**Refer to website for dates**

EDMS 319 Mathematics Teaching Years 11 - 13

12 points 0.1000 EFTS

A course primarily for the mathematics specialist but also available for those intending Mathematics as a second major teaching study. This course explores the Mathematics curriculum and current school courses covered in the senior secondary school, Years 11-13. Teaching approaches and assessment practices are explored and developed. Resources for mathematical learning are investigated, including technology resources. Content up to and including Year 13 courses, Calculus, Statistics and Modelling are also specifically covered

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

C: EDMS 307

EDMS319-09YC (C)	**Full Year C**
EDMS319-09YC (N)	**Full Year C**
EDMS319-09YC (R)	**Full Year C**
EDMS319-09X (C)	**Refer to website for dates**

EDMS 371 Mathematics Education: Issues and Implications

5 points 0.0417 EFTS

This is a 300 level compulsory course for BTchLn students. This course focuses on selected current issues in mathematics education and the implications for the teaching and learning of mathematics for Years 0 to 8. Issues include: How children learn and how teachers teach mathematics, Developing numeracy, The effects of ethnicity on the teaching and learning of mathematics, Curriculum development and Mathematics in the New Zealand Curriculum, Catering for high ability mathematics students. Students analyse research relating to these issues and consider the implications for the implementation of a successful classroom mathematics programme.

P: EDMS 262

EDMS371-09YD1 (D)	**Full Year D First Half**
EDMS371-09YD1 (R)	**Full Year D First Half**
EDMS371-09X (C)	**Refer to website for dates**
EDMS371-09X (N)	**Refer to website for dates**

EDMS 372 Implementing Mathematics Programmes in the Primary Classroom

8 points 0.0667 EFTS

This is a 300 level, optional course for BTchLn students. This course focuses on the implementation of mathematics activities and programmes in the primary classroom. It provides students with the opportunity to extend their knowledge of planning, assessment, resources and teaching strategies. This course allows students to build on their knowledge of the curriculum, resources and teaching methods gained at 100 and 200 level and their understanding of issues in mathematics education to produce units of work and long-term plans that are essential for successful mathematics teaching.

P: EDMS 262

EDMS372-09T1 (C)	**Term 1**
EDMS372-09YD2 (D)	**Full Year D Second Half**
EDMS372-09T4 (C)	**Term 4**

EDMS 373 Problem Solving and Investigations

8 points 0.0667 EFTS

This is a 300 level, optional course in which students are actively involved in problem solving. Managing and organisational strategies necessary in a classroom are modelled. Issues relating to a problem solving approach to learning and teaching are addressed in relation to recent research articles. This course extends the competencies developed in earlier mathematics courses while focusing on a problem solving and investigative approach to mathematics teaching and learning. An important feature of this course is its practical component.

P: EDMS 262

EDMS373-09T2 (C)	**Term 2**
EDMS373-09X (D)	**Refer to website for dates**
EDMS373-09T4 (N)	**Term 4**

EDMS 376 Mathematics Special Topic

4 points 0.0333 EFTS

Not Offered in 2009

This course provides an opportunity for students to pursue a major study that meets their own individual needs as a mathematics teacher. This course is an independent study and can only be undertaken with approval by the Mathematics Curriculum Centre Coordinator.

P: Approval of the Mathematics Curriculum Centre Coordinator.

EDMS 378 Mathematics Alive Years 7 - 10

4 points 0.0333 EFTS

This course is an extension of EDMS307 and is designed to develop teaching approaches and resources in more depth at the Years 7-10 levels. It explores some of the many opportunities for enriching mathematics in the junior school.

C: EDMS 307

EDMS378-09YC2 (C)	**Full Year C Second Half**

EDMS 711 Mathematics Education

10 points 0.0833 EFTS

This course is designed for graduate students and provides an overview of the teaching of mathematics and a study of Mathematics in the New Zealand Curriculum. Content includes teaching/learning methods, planning, and development of mathematical concepts, assessment, equity, an introduction to resources, a wide variety of mathematically rich activities and an introduction to recent Ministry initiatives such as the Numeracy Project.

EDMS711-09W (D)	**Whole Year (S1 and S2)**
EDMS711-09T1 (C)	**Term 1**
EDMS711-09CY (C)	**Cross Year**

EDMU 151 Curriculum Music 1

5 points 0.0417 EFTS

This is a foundation course in music education. It is designed to meet the diverse needs of students from a wide range of musical backgrounds and is a compulsory course for all 100 level BTchLn students. The course equips students with basic musical skills and understandings necessary for teaching music in the primary classroom. The emphasis is on knowledge of the music syllabus, supporting musical resources and the development of practical skills on instruments commonly used in the classroom, with a focus on Years 1 to 4. EDMU151 enables students to design and implement their own music lessons.

EDMU151-09S1 (D)	**Semester 1**
EDMU151-09X (R)	**Refer to website for dates**
EDMU151-09T1 (C)	**Term 1**

EDMU 261 Curriculum Music 2

5 points 0.0417 EFTS

This course develops the skills and understandings introduced in EDMU151. It is a compulsory course for all 200 level BTchLn students. It includes the study of creativity, unit planning, singing, instrumental music and listening, with

a focus on Years 5 - 8. The course also identifies learning strategies for pupils with special needs.

P: EDMU 151

EDMU261-09X (N)	**Refer to website for dates**
EDMU261-09YD2 (C)	**Full Year D Second Half**
EDMU261-09YD2 (D)	**Full Year D Second Half**
EDMU261-09YD2 (R)	**Full Year D Second Half**

EDMU 323 Music Education Years 7 - 13

24 points 0.2000 EFTS

This course provides essential skills for teaching the current secondary Music Curriculum, including teaching and learning, planning and assessing music at years 7-13. Junior music Years 7-10) covers integrating the curriculum in lesson planning and units of work. Senior music (years 11-13) covers achievement and unit standards at Levels 1-4 and include performance, composition and arranging, aural description and transcription, marterials 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: Subject to the approval of the Head of School.

EDMU323-09YC (N)	**Full Year C**
EDMU323-09YC (R)	**Full Year C**
EDMU323-09YC (C)	**Full Year C**
EDMU323-09X (C)	**Refer to website for dates**

EDMU 324 Music Education Years 7 - 10

12 points 0.1000 EFTS

This course is for those teaching Music as an additional subject develops core skills for teaching junior music in secondary schools including teaching and learning, planning and assessing music at 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. In practical, workshop-based sessions, instrumental/vocal music teaching, managing practical music classes, out-of-class music activities and music technology will be covered. Students will also be able to demonstrate knowledge of current practices within the Music Curriculum.

P: Subject to the approval of the Head of School

EDMU324-09YC1 (C)	**Full Year C First Half**
EDMU324-09YC (N)	**Full Year C**
EDMU324-09YC (R)	**Full Year C**
EDMU324-10X (C)	**Refer to website for dates**

EDMU 372 Curriculum Music 3

8 points 0.0667 EFTS

This is an optional course that provides students with advanced understandings, knowledge and skills necessary to implement a high-quality classroom music programme. This course is designed to meet the diverse needs of students from a wide range of musical backgrounds. This course focuses on three key areas of music education - research, long and short term planning and musicianship. The research involves carrying out an interview with a musical practitioner in an educational context. Planning involves designing (or adapting) a teaching unit for inclusion within a term plan and a year plan. Musicianship involves students creating their own musical arrangement of a simple song using tuned and untuned percussion instruments, recorders and guitars.

P: EDMU 261

EDMU372-09YD1 (D)	**Full Year D First Half**
EDMU372-09T2 (C)	**Term 2**

EDMU 373 Choral Musicianship

8 points 0.0667 EFTS

This is a 300 level optional course that addresses the need of schools requiring competent teachers of singing. Students are provided with the advanced understandings, knowledge and skills, required to provide quality choral experiences for classroom and school music programmes. This course is designed to meet the specific needs of students who have an interest and background in music. This course includes the study of choral conducting, vocal technique and repertoire appropriate for the primary and intermediate classroom and school choir.

P: EDMU 261

EDMU373-09T3 (C)	**Term 3**

EDMU 374 School Based Practical Music Making

8 points 0.0667 EFTS

This is an optional course that responds to a need to provide performance based instrumental music programmes in schools. Students with training in this area will be well placed to undertake school resource teacher responsibilities in music. In addition, the skills acquired in this course will greatly enhance a teacher's ability to relate to, and assist, talented music students in the primary school.

P: EDMU 261

EDMU374-09X (C)	**Refer to website for dates**

EDMU 711 Music Curriculum Studies

4 points 0.0333 EFTS

This course focuses on the quality teaching and learning of music education in the primary school. It is designed to equip students with the knowledge and skills necessary to implement music programmes in the primary school based on the national curriculum statement Arts in the New Zealand Curriculum.

EDMU711-09X (D)	**Refer to website for dates**
EDMU711-09YD2 (C)	**Full Year D Second Half**

EDNM 411 Noho Marae

1.5 points 0.0092 EFTS

Not Offered in 2009

Noho marae is a compulsory element of the GDipTchLn for students beginning prior to semester 2, 2006. It seeks to develop an awareness and understanding of tikanga (customary practices) and organisational structures associated with a noho marae. Students have an opportunity to experience the way Maori values are lived on the marae as they experience opportunities to work collaboratively to learn the kawa (protocols) of the marae.

C: EDTW 141, EDRT 711

EDNZ 701 Approaches to Research in Education

15 points 0.1250 EFTS

Not Offered in 2009

This course involves a broad knowledge of the various approaches to research in education. Participants will develop insights into one educational research method, its strengths, potential weaknesses and applications.

EDNZ 702 Evaluating and Interpreting Research Reports in Education

10 points 0.0833 EFTS

Not Offered in 2009

This course is designed to introduce teachers to the interpretation and critical evaluation of published educational research reports and articles. The course addresses academic skills of identifying, analysing and evaluating the conventions of experimental, descriptive and comparative educational research reports.

EDNZ 703 Ethics in Research Education

10 points 0.0833 EFTS

Not Offered in 2009

This course is designed to give teachers, who are planning to engage in practitioner research, an understanding of the importance of ethical procedures in conducting research. Participants will become aware of the structures, policies and procedures that institutions establish to monitor ethical approaches to research.

EDNZ 704 Research Project in Education

25 points 0.2083 EFTS

Not Offered in 2009

This course consists of the preparation for and the undertaking of a research project in the teacher practitioner's educational context. It involves the formulation of a study question, a literature review, description of methodology, data gathering, results, discussion, implications and evaluation. The process is designed to add value to the practitioner's practice.

EDOE 300 Outdoor Education Yrs 11-13

8 points 0.0667 EFTS

This course is designed for students who are intending to take a leading part in Outdoor Education in a senior secondary school. The course explores the range of options for Outdoor Education programmes in New Zealand. These options include courses that offer unit standards or achievement standards or a combination of both. The course also explores a range of other delivery options which include specific outdoor education modules within the Health and Physical Education Curriculum at Years 9-13 including Bursary Physical Education, and outdoor education courses targeted at particular students groups in areas such as transition education at Years 11-13. The course will provide students with a broad range of knowledge relevant to this role, and equip them to design and implement Outdoor Education courses.

P: (1) Current First Aid certificate (Mountain Safety Council, Red Cross, Heart Foundation etc), or evidence of completion of a first aid course by the end of the first teaching block. Submission of a logbook detailing a minimum of 50 hours of supervised leadership of groups in the outdoors; (2) EDOE 302 or EDOE 309 or EDOE 311 or EDOE 351.

EDOE300-09YC1 (C)	**Full Year C First Half**
EDOE300-09X (N)	**Refer to website for dates**
EDOE300-09YC2 (C)	**Full Year C Second Half**
EDOE300-10X (C)	**Refer to website for dates**

EDOE 302 Education Outside the Classroom Years 7-10

4 points 0.0333 EFTS

A study of the opportunities that exist to use experiences outside the classroom as a method of promoting and enriching learning initiated in traditional classroom settings. (field trips/lessons in the school grounds/camps etc). The course will help students to develop appropriate teaching strategies, organisational and management skills and assessment techniques for E.O.T.C experiences. It will also make them aware of the legal, moral and safety implications of working with school students outside the classroom. Students will attend a 2 day residential course at a venue outside of Christchurch (Sun-Mon) where they will plan and deliver an E.O.T.C. day for a group of Year 9 students from local schools.

EDOE302-09T2 (C)	**Term 2**
EDOE302-09X (C)	**Refer to website for dates**
EDOE302-09X (R)	**Refer to website for dates**
EDOE302-09X (N)	**Refer to website for dates**
EDOE302-10X (C)	**Refer to website for dates**

EDOE 309 Risk Management

4 points 0.0333 EFTS

This course is an introduction to the principles of risk management and safety awareness as it applies to activities outside the classroom, as well as introducing key aspects of the Health and Safety Act as it relates to schools' obligations beyond the school grounds. The course will help to develop risk identification skills, risk analysis and management skills and appropriate procedures to cope with emergencies. A particular emphasis will be on the students becoming thoroughly familiar with the 2003 Ministry of Education document 'Safety and E.O.T.C - A good practice guide for New Zealand Schools'.

EDOE309-09X (N)	**Refer to website for dates**
EDOE309-09YC (R)	**Full Year C**
EDOE309-09T1 (C)	**Term 1**
EDOE309-09T2 (C)	**Term 2**
EDOE309-09T4 (C)	**Term 4**
EDOE309-10X (C)	**Refer to website for dates**

EDOE 311 Adventure Based Learning

4 points 0.0333 EFTS

Examines the use of adventure activities, games and ropes courses as a medium for developing group co-operation skills, personal development skills and effective learning opportunities. Students will learn how to design and facilitate Adventure Based Learning experiences that effectively meet group and individual needs. Students will

be actively involved in designing a 2 day residential course in the Castle Hill area where each student will implement an activity that they have designed. Self and peer feedback is a key aspect of this course.

EDOE311-09X (C) **Refer to website for dates**
EDOE311-09YC (R) **Full Year C**
EDOE311-09T1 (C) **Term 1**
EDOE311-09X (N) **Refer to website for dates**
EDOE311-10X (C) **Refer to website for dates**

EDOE 351 Environmental Education

4 points 0.0333 EFTS

This course introduces the concepts of education in, about and for the environment and examines their relationship within the context of the Curriculum Framework. The course also focuses on developing the essential skills required for social action in resolving environmental issues. The course will help students to develop their skills in delivering inter-disciplinary/cross-curriculum programmes using a thematic approach.

EDOE351-09X (C) **Refer to website for dates**
EDOE351-09X (N) **Refer to website for dates**
EDOE351-09T3 (C) **Term 3**
EDOE351-10X (C) **Refer to website for dates**

EDOE 354 Kayaking

4 points 0.0333 EFTS

This practical course introduces students to the skills of kayaking and intends to develop basic competence in paddling technique in various environments (pools, flat water, surf and Grade 2 rivers). An emphasis will be on understanding these outdoor environments and safely managing the risk involved. Aspects of designing and delivering teaching programmes will also be explored but students would require additional training and experience before teaching these programmes themselves. A one day weekend river trip is part of this course

P: Enrolment in either an Outdoor and Environmental major teaching study or additional teaching study.

EDOE354-09X (C) **Refer to website for dates**
EDOE354-10X (C) **Refer to website for dates**

EDOE 356 Climbing

4 points 0.0333 EFTS

This practical course introduces students to rock climbing, developing basic competence in rock-climbing skills. There is an emphasis on understanding the hazards involved in these outdoor environments and an introduction into the various techniques involved in the safe management of rock climbing sessions. The course will involve both indoor climbing, outdoor climbing at several of the Port Hills crags and a weekend climbing trip based in the Craigeburn area. Aspects of designing and delivering teaching programmes will also be explored but students would require additional training and experience before teaching these programmes themselves.

P: Enrolment in either an Outdoor and Environmental major teaching study or additional teaching study.

EDOE356-09T4 (C) **Term 4**

EDOE 364 Advanced Bushcraft

4 points 0.0333 EFTS

This course introduces the skills required for travel and survival above the bushline. There is an emphasis on basic snow survival skills, route finding and dealing with first aid scenarios

P: Enrolment in either an Outdoor and Environmental major teaching study or additional teaching study.

EDOE364-09X (C) **Refer to website for dates**

EDOE 371 Experiential Learning in the Outdoors

8 points 0.0667 EFTS

This course is designed to introduce students to the opportunities that exist in the outdoors to promote Hauora and enhance learning "In", "For" and "About" the environment. It is designed to give beginning teachers the confidence and skills to run an overnight experience based on the experiential learning model. The course involves planning and running a weekend at an outdoor education facility where students run environmental education activities.

P: EDHL 261 and EDPE 264

EDOE371-09T4 (C) **Term 4**

EDOE 401 Experiential Learning and Facilitation

8 points 0.0667 EFTS

This course examines the philosophies, strategies and processes that constitute the experiential approach to learning. Reflection-in-action, reflection-on-action, cooperative learning and identifying individual needs will be key aspects of this course. Students will be exposed to four different learning settings, formal, non-formal, informal and self directed learning, to illustrate the options teachers/facilitators have in promoting experiential learning, This course will also examine the role of the critically reflective practitioner, and the skills required for active facilitation of student centred learning environments

EDOE401-09YC2 (C) **Full Year C Second Half**

EDPE 111 Foundations of Exercise Science

36 points 0.3000 EFTS

This course provides the foundations for the study of the exercise sciences in physical education. In particular it introduces students to the organization, structure and function of physiological systems of the human body and to the fundamental principles associated with the mechanics of human movement.

EDPE111-09S1 (C) **Semester 1**

EDPE 131 Physical Growth and Motor Development

4 points 0.0333 EFTS

Not Offered in 2009

This course studies how the systems of the body change through the lifespan and how these changes influence the ability to move and exercise.

P: EDPE 111
C: EDPE 172, EDPE 173, EDPE 174

EDPE 151 Physical Education 1

5 points 0.0417 EFTS

This is a 100 level compulsory BTchLn (Primary) course which focuses on quality teaching and learning of physical education in the primary school. It introduces students to philosophical perspectives associated with physical education and the conceptual framework that underpins current physical education curriculum developments. Students investigate ways in which physical education impacts on the overall development of the child. This course is the first of two compulsory papers to prepare student teachers to teach physical education.

EDPE151-09T2 (C) **Term 2**
EDPE151-09X (D) **Refer to website for dates**
EDPE151-09X (R) **Refer to website for dates**

EDPE 161 Physical Education Teaching Study 1

4 points 0.0333 EFTS

This teaching study is designed specifically for Year 1 BEd PE students who intend to specialise in the teaching of physical education, and in particular addresses Years 7-10 of the secondary school. It examines the Health and Physical Education in the New Zealand Curriculum statement. It introduces teaching methodologies, and the management and organisation practices required to deliver effective physical education programmes.

EDPE161-09T2 (C) **Term 2**

EDPE 162 Physical Education Practical 1

4 points 0.0333 EFTS

This course is designed to provide teaching methodology and practice of the dominant models of motor skill acquisition.

EDPE162-09T1 (C) **Term 1**

EDPE 171 Foundations of Movement Science

16 points 0.1333 EFTS

Not Offered in 2009

This compulsory course provides the foundation for the study of movement sciences, which includes anatomy, physiology, biochemistry, motor learning and exercise nutrition.

C: EDPE 181

EDPE 172 Exercise Physiology 1

4 points 0.0333 EFTS

Not Offered in 2009

This introductory course examines how the body responds to exercise acutely and chronically. It requires students to plan, implement and evaluate training programmes based on exercise physiology principles

P: EDPE 111
C: EDPE 131, EDPE 173, EDPE 174

EDPE 173 Motor Learning 1

4 points 0.0333 EFTS

Not Offered in 2009

This course is the first in a sequential series devoted to the understanding of skill acquisition. This particular course addresses how the nervous system functions in general and in particular, how movement is controlled. It provides the fundamental academic knowledge necessary to understand human movement.

P: EDPE 111
C: EDPE 131, EDPE 172, EDPE 174

EDPE 174 Exercise Nutrition

4 points 0.0333 EFTS

Not Offered in 2009

This compulsory course utilises prior knowledge from the areas of physiology, anatomy and biochemistry and examines nutritional theory for healthy living and its application to exercise.

P: EDPE 111
C: EDPE 131, EDPE 172, EDPE 173

EDPE 175 History of Physical Education

4 points 0.0333 EFTS

Not Offered in 2009

This course develops an understanding of the history and development of physical education in New Zealand society. It provides an essential element for the development of a modern physical education perspective.

P: EDPE 111
C: EDPE 226, EDPE 315

EDPE 181 Biomechanics

8 points 0.0667 EFTS

Not Offered in 2009

An introduction to the mathematical and mechanical principles of human motion.

C: EDPE 171

EDPE 183 Athletics

4 points 0.0333 EFTS

An introduction to the teaching and coaching of athletics.

EDPE183-09T1 (C) **Term 1**

EDPE 184 Gymnastics

4 points 0.0333 EFTS

Not Offered in 2009

An introduction to gymnastic movement and the structure of gymnastics in schools. It is designed to provide BEd (PE) students with an understanding of skills and techniques to successfully teach gymnastics.

EDPE 211 Physiology of Exercise and Motor Development

22 points 0.1833 EFTS

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 at B grade or better or PE111 or (PE171 and PE181)

EDPE211-09X (C) **Refer to website for dates**

EDPE 212 Historical and Sociological Developments in Physical Education and Sport

22 points 0.1833 EFTS

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 with at least a B grade, or (PE171 and PE181) or at least 18 points in EDUC courses.

EDPE212-09W (C) **Whole Year (S1 and S2)**

EDPE 226 Sociology of Sport

22 points 0.1833 EFTS

Not Offered in 2009

This course is an introduction to the sociology of physical activity and sport. It examines sociological factors affecting participation in physical activity. This course mirrors many of the recent developments in the social sciences and addresses many of the physical education and sport issues that are current in New Zealand schools

P: EDPE 111

C: EDPE 175, EDPE 315

EDPE 261 Physical Education Teaching Study 2

4 points 0.0333 EFTS

This teaching study is designed specifically for students in year 2 of the BEd (PE) programme who will specialise in the teaching of physical education in the secondary school. It builds on the knowledge gained in year 1 and in particular addresses Year 7-11 Physical Education. It examines the Health and Physical Education in the New Zealand Curriculum statement and addresses a range of teaching methodologies required to deliver effective physical education programmes.

P: EDPE 161

EDPE261-09T3 (C) **Term 3**

EDPE 262 Physical Education Practical 2

4 points 0.0333 EFTS

This is a teaching study designed to focus on the effective teaching of specific movement activities in the secondary school. It is designed to give physical education trainees an insight into the basic skills, strategies and teaching techniques of movement education programmes.

P: EDPE 162

R: EDPE 385

EQ: EDPE 385

EDPE262-09T2 (C) **Term 2**

EDPE 264 Physical Education 2

5 points 0.0417 EFTS

This is a 200 level compulsory BTchLn (Primary) course which focuses on quality teaching and learning of physical education in the primary school. This course develops the student's ability to critique physical education pedagogy through a variety of movement contexts. Students critically reflect on physical education literature in order to develop a personal philosophy and to discuss issues in teaching physical education. This course is the second of two compulsory papers to prepare student teachers to teach physical education.

P: EDPE 151

EDPE264-09YD1 (D) **Full Year D First Half**

EDPE264-09YD1 (R) **Full Year D First Half**

EDPE264-09YD2 (C) **Full Year D Second Half**

EDPE264-09YD2 (N) **Full Year D Second Half**

EDPE 272 Exercise Physiology 2

6 points 0.0500 EFTS

Not Offered in 2009

This course is an in depth examination of exercise physiology. It provides students with the knowledge of how exercise affects body systems and function.

P: EDPE 211

C: EDPE 273, EDPE 282, EDPE 374

EDPE 273 Motor Learning 2

4 points 0.0333 EFTS

Not Offered in 2009

This course examines the principles of motor skill acquisition as it is applied to the individual learner.

P: EDPE 211

C: EDPE 272, EDPE 282, EDPE 374

EDPE 279 Dance Education

4 points 0.0333 EFTS

The development of a range of movement and dance skills for physical education teachers.

EDPE279-09T1 (C) **Term 1**

EDPE 280 Te Reo Kori

4 points 0.0333 EFTS

Not Offered in 2009

Examines the language of movement from a Maori perspective. The course addresses language development and examines the development of Te Reo Kori from the physical education curriculum perspective.

R: MI307

EDPE 283 Biomechanical Analysis

8 points 0.0666 EFTS

Not Offered in 2009

This course utilises video and computer technology in the application of the principles of qualitative skill analysis and introduces students to the basic principles of quantitative analysis.

P: EDPE 211

C: EDPE 272, EDPE 273, EDPE 374

Please check www.canterbury.ac.nz/courses for the latest course information.

EDPE 302 Physical Education Years 7-13

24 points 0.2000 EFTS

This teaching study is designed specifically for students who intend to specialise in the teaching of physical education to all levels of the secondary school. It examines Health and Physical Education in the New Zealand Curriculum and addresses the teaching methodologies and assessment procedures required to deliver effective physical education programmes

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

EDPE302-09YC (C) **Full Year C**
EDPE302-09YC (N) **Full Year C**
EDPE302-09YC (R) **Full Year C**
EDPE302-09X (C) **Refer to website for dates**

EDPE 313 Applied Exercise Science

28 points 0.2333 EFTS

This course will extend and develop the knowledge students have gained in EDPE111 Foundations of Exercise Science and EDPE211 Physiology of Exercise and Motor Development. It requires students to apply knowledge in the areas of exercise physiology, biomechanics and motor learning. Note: The module Sports Medicine and Exercise in Special Places of EDPE313 is taught in the 4th year.

P: EDPE 211 at B grade or better or PE211 or (PE131 and PE172 and PE173 and PE174)

EDPE313-09W (C) **Whole Year (S1 and S2)**

EDPE 315 Adapted Physical Education

6 points 0.0500 EFTS

Not Offered in 2009

A practical and theoretical introduction to the adaptations required for the provision of special needs programmes in physical education.

P: EDPE 111

EDPE 319 Siedentop's Sport Education Model in Action

4 points 0.0333 EFTS

A practical course that utilises Siedentop's sport education curriculum model being adopted in many schools. It involves students experiencing an holistic sports culture within a physical education context with the aim of improving the quality of their participation, administrating and officiating. In addition, the course provides a physical context in which to explore the educative and social meaning of sport.

R: EDPE 324
EQ: EDPE 324

EDPE319-09T1 (C) **Term 1**

EDPE 324 Siedentop's Sport Education Model in Action

4 points 0.0333 EFTS

Not Offered in 2009

This is a practical course that utilizes the Siedentop's sport education curriculum model being adopted in many schools. It involves students in the total sports culture with an emphasis on the quality of participation, administration and officiating

R: EDPE 319
EQ: EDPE 319

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 EDPE212: 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 at B grade or better or PE212 or (PE175 and PE226 and PE315) or (PE175 and PE226 and EDPE 381)

EDPE326-09YC (C) **Full Year C**

EDPE 331 Interschool Sporting Events

4 points 0.0333 EFTS

Not Offered in 2009

Interschool sport is an integral part of the school curriculum. The organisation of interschool sport requires specific organisational skills. This course provides the opportunity to plan and implement interschool sporting fixtures.

EDPE 332 The Social Context of Physical Education

4 points 0.0333 EFTS

Not Offered in 2009

This course is designed to help students develop skills and strategies to encourage secondary school students to advance their interpersonal skills and social responsibility in physical activity settings as required in the 1999 Health and Physical Education in New Zealand Curriculum.

C: EDPE 302
R: EDPE 379
EQ: EDPE 379

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 Maori. Cultural issues, Maori pedagogies and methods of implementing a Te Reo Kori programme through the physical education curriculum are examined.

P: Entry to this course is restricted to students who are studying in the Bachelor of Education/Graduate Diploma in Teaching and Learning (Secondary) specialising in Physical Education programme.

EDPE333-09T3 (C) **Term 3**

EDPE 361 Physical Education Teaching Study 3

4 points 0.0333 EFTS

This teaching study is designed specifically for students in year 3 of the BEd (PE) programme who will specialise in the teaching of physical education in the secondary school. It builds on the knowledge gained in Year 1 and 2 and in particular addresses Year 9-11 physical education. It examines the Health and Physical Education in the New Zealand Curriculum statement and addresses and advanced range of teaching methodologies required to deliver effective physical education programmes.

P: EDPE 261

EDPE361-09X (C) **Refer to website for dates**

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

EDPE362-09YC1 (C) **Full Year C First Half**

EDPE 366 Social Issues in Physical Education

4 points 0.0333 EFTS

Not Offered in 2009

This course introduces students to the social issues that are generated within physical education programmes. It examines sociological factors that influence the design and delivery of effective physical education courses in schools, and how these factors affect physical education programmes.

P: EDPE 212

C: EDPE 381, EDPE 377, EDPE 379

EDPE 368 Aquatics

4 points 0.0333 EFTS

An in-depth examination of the principles of swimming and an analysis of stroke mechanics. The course also addresses water safety techniques and includes consideration of programmes available in this area for secondary schools.

EDPE368-09X (C) **Refer to website for dates**

EDPE 371 Physical Education Programmes in the Primary School

8 points 0.0667 EFTS

This course is designed to further develop students ability to plan, implement and critique school wide physical education programmes in the primary school. Students research and critically reflect on the teaching of physical education and philosophical perspectives with a view to improving practice.

P: EDPE 264

EDPE371-09T2 (C) **Term 2**

EDPE371-09X (D) **Refer to website for dates**

EDPE 374 Sports Medicine and Exercise in Special Places

4 points 0.0333 EFTS

Not Offered in 2009

This course requires students to apply previously learned knowledge to the areas of sport injuries, erogenic aids and exercise in special places. In particular in focuses on how the body heals and the issues and consequences for exercise in specific environments.

P: EDPE 211

EDPE 375 Sports Studies for the Primary School

8 points 0.0667 EFTS

This course investigates the place of sport in the primary school, as it relates to current physical education and sport curriculum and policy documents. Students critically reflect on current literature in the study of children's sport, to develop a personal philosophy and be able to debate issues in the teaching and learning of sport.

P: EDPE 264

EDPE375-09T3 (C) **Term 3**

EDPE 377 The Culture of Physical Education

4 points 0.0333 EFTS

Not Offered in 2009

This course presents a broad critical perspective across inter-related fields in physical education. In particular the course brings together the components of physical education curriculum, exercise science, movement studies and pedagogical practices so that students formalise a sound critical physical education philosophy.

P: EDPE 212

C: EDPE 379 and EDPE 381

EDPE 379 The Social Context of Physical Education

4 points 0.0333 EFTS

Not Offered in 2009

This course is designed to examine the inter-personal skills and social issues components inherent in physical education and sport. Students explore strategies for learning and teaching these skills and issues using physical activity media.

P: EDPE 212

C: EDPE 377 and EDPE 381

EDPE 380 Te Reo Kori 2

4 points 0.0333 EFTS

Not Offered in 2009

The student's movement vocabulary and content knowledge in the Maori dimension of movement, Te Reo Kori, is

developed through a holistic approach. Cultural issues and methods of implementing a Te Reo Kori programme are examined.

EDPE 381 Coaching Process
6 points 0.0500 EFTS

Not Offered in 2009

This course examines and critiques the pedagogical and psychological principles and applications of the coaching process.

P: EDPE 212

C: EDPE 377 and EDPE 379

EDPE 385 Physical Education Practical 2
4 points 0.0333 EFTS

Not Offered in 2009

This is a teaching study designed to focus on the effective teaching of specific movement activities in the secondary school. It is designed to give physical education trainees an insight into the basic skills, strategies and teaching techniques of movement education programmes.

R: EDPE 262

EQ: EDPE 262

EDPE 400 Physical Education Years 7-10
12 points 0.1000 EFTS

This course examines Health and Physical Education in the New Zealand Curriculum and recommended assessment procedures. It will provide the necessary introductory content knowledge and teaching methodologies needed by teachers to implement physical education programmes in Years 7-10 based on the Health and Physical Education in the New Zealand Curriculum. This course is designed for those who wish to teach physical education as an additional teaching subject.

EDPE400-09X (C)	**Refer to website for dates**
EDPE400-09YC (N)	**Full Year C**
EDPE400-09YC (R)	**Full Year C**
EDPE400-10X (C)	**Refer to website for dates**

EDPE 711 Physical Education Curriculum Studies
4 points 0.0333 EFTS

This course focuses on the quality teaching and learning of physical education in the primary school. It introduces students to philosophical perspectives associated with physical education and the conceptual framework which underpins current physical education curriculum developments and Health and Physical Education in the New Zealand Curriculum. Students will investigate ways in which physical education impacts on the overall development of the child. Through a variety of movement contexts, students will critique physical education pedagogy and apply this to planning and implementing physical education programmes in the primary school.

EDPE711-09X (C)	**Refer to website for dates**
EDPE711-09T1 (C)	**Term 1**
EDPE711-09YD2 (D)	**Full Year D Second Half**
EDPE711-10X (C)	**Refer to website for dates**

EDPF 111 Introduction to Performing Arts
36 points 0.3000 EFTS

Not Offered in 2009

This course introduces students to performance and production process. Aspects covered include conceptualisation, preparation and skill development. A range of applications and contents is explored.

EDPF 121 Introduction to Voice
4 points 0.0333 EFTS

Not Offered in 2009

This course introduces students to awareness of their own voice and as communicative and expressive instrument. It allows them to begin to analyse their own strengths and weaknesses, and offers them strategies for developing a free and natural voice.

EDPF 211 History and Sociology of Theatre within the Context of Schooling
22 points 0.1833 EFTS

Not Offered in 2009

This course provides an overview of the place and development of Theatre in education.

EDPF 212 Performing Arts and Theatre Craft in Education
22 points 0.1833 EFTS

Not Offered in 2009

This course explores practical theatre skills in the context of theatre education. These include acting, thematic movement, theatre crafts and design.

EDPF 311 Critical Approaches to Theatre
28 points 0.2333 EFTS

Not Offered in 2009

This course challenges students to explore their roles as Performing Arts teachers within the context of a critical analysis of theatre

EDPF 312 Directing for Performance in Schools
28 points 0.2333 EFTS

This course builds on the dialogues between pedagogy and art that have already been developed in preceding papers. It introduces a body of theoretical readings and reports of practice that align directors influential in mainstream theatre with those who work more immediately in the educational field

P: EDPF 311 at B grade or better

EDPF312-09YA (C) **Full Year A**

EDPF 331 Action Shakespeare
4 points 0.0333 EFTS

Not Offered in 2009

This course focuses on active approaches to the teaching of Shakespeare in secondary school performing arts courses. The course has a practical component

EDPF 333 Theatre Movements in Aotearoa New Zealand

4 points 0.0333 EFTS

This course explores the development of naturalistic and non-naturalistic theatre in Aotearoa New Zealand. There is a special focus on works applicable to secondary school programmes. This course has a practical component.

EDPF333-09YC1 (C) **Full Year C First Half**
EDPF333-09X (N) **Refer to website for dates**
EDPF333-10X (C) **Refer to website for dates**

EDPF 363 Advanced Programmes in Performing Arts

8 points 0.0667 EFTS

This course focuses on programmes of work in the senior school, including preparation for the Scholarship award. Contexts explored are the development, implementation and review of secondary school Performing Arts programmes.

EDPF363-09X (N) **Refer to website for dates**
EDPF363-09YC2 (C) **Full Year C Second Half**

EDPF 364 Performing Arts in the Senior School

4 points 0.0333 EFTS

Not Offered in 2009

This course introduces material appropriate for performing arts students seeking qualifications in the secondary school Years 11-13. It examines the Arts in the New Zealand Curriculum Levels 7-8 as well as the senior school qualifications

EDPF 365 Dance Choreography

8 points 0.0667 EFTS

Not Offered in 2009

This course covers planning, rehearsing and staging dance and drama for secondary school performance as well as the choreographic function in musical theatre within the same context

EDPI 153 Inter and Intra Personal Skills

4 points 0.0333 EFTS

This is a 100 level compulsory course that requires students to focus on developing and extending inter and intra personal skills to enable them to establish and maintain effective professional relationships. The course models experiential learning theory in its delivery and in developing these skills.

EDPI153-09T1 (C) **Term 1**
EDPI153-09X (N) **Refer to website for dates**
EDPI153-09X (R) **Refer to website for dates**
EDPI153-09X (D) **Refer to website for dates**

EDPI 371 Conflict Resolution

8 points 0.0667 EFTS

This course is designed to examine and develop an understanding of conflict and the processes of resolution which may be used to enhance the relationships in both personal and professional situations within the educational community

P: EDPI 153

EDPI371-09X (N) **Refer to website for dates**
EDPI371-09X (D) **Refer to website for dates**

EDPI 372 Inter and Intra Personal Dynamics

8 points 0.0667 EFTS

Not Offered in 2009

This is a course designed to further develop the 'knowledge of self' as a means of enhancing the teacher's relationships with children and colleagues [inter and intrapersonal intelligence (Gardner)]. The students will investigate, research and then demonstrate how they could orchestrate experiential learning, thinking skills, 'accelerated' learning and an understanding of creativity (Csikszentmihalyi) for the learner in the classroom.

P: EDPI 153

EDPI 373 Teaching Children with Special Learning Needs

8 points 0.0667 EFTS

This course extends the content of EDUC267 Inclusive Education and covers approaches which adapt learning to meet the needs of gifted learners, learners with disabilities and learners who are making slow progress within the regular classroom. The course focuses on the practical ways that the teacher manages to meet a wide range of needs through planning, preparation and implementation of lessons. The course addresses the generic adaptations which can be made to better address learning needs, and particular approaches for specific types of special need.

P: EDUC 267

EDPI373-09YD1 (D) **Full Year D First Half**
EDPI373-09T3 (C) **Term 3**

EDPI 374 Classroom Methods for Reducing Inappropriate Behaviours

8 points 0.0667 EFTS

This course explores the practical ways in which teachers can address inappropriate behaviours in the classroom. It examines the origins and types of inappropriate behaviour, and how these may be triggered and maintained by the school environment. The course covers the ways in which the classroom should be set up to reduce the likelihood of these behaviours occurring and the ways in which these behaviours should be dealt with if they occur. Students learn how to design a successful behaviour modification for individuals with serious behaviour difficulties.

P: EDUC 151

EDPI374-09YD1 (D) **Full Year D First Half**
EDPI374-09T2 (C) **Term 2**

EDPI 377 Experiential, Cooperative & Developmental Learning

8 points 0.0667 EFTS

This course examines child centred programmes which emphasise individuals having choice and control over their learning. Alternative approaches to teaching and learning

are explored based on the premise that teachers need to understand the philosophy and practice of a wide variety of approaches in order to be successful in meeting the needs of diverse learners.

P: EDUC 261

EDPI377-09YD2 (D) **Full Year D Second Half**

EDPI 378 Teaching Gifted Learners in the Primary Classroom

8 points 0.0667 EFTS

This course covers the principles and practices relating to the effective teaching of gifted and talented learners in the primary classroom. Issues in defining the gifted and talented, characteristics and the identification of gifted children and ways of differentiating the curriculum to cater for children's needs are considered from a socio-cultural viewpoint together with a variety of practical ways of catering for these children in the regular classroom.

P: EDUC 151, EDUC 152, EDUC 261 and EDUC 267

EDPI378-09YD2 (D) **Full Year D Second Half**

EDPI378-09T4 (C) **Term 4**

EDPI 501 Professional Studies 1: Introduction to Children and Learning

11 points 0.0917 EFTS

Professional Education Studies is the core component of the GradDipTchLn. This course introduces students to the skills of professional observation of teacher and child behaviours and microteaching and explores the links between professional practice experiences and established educational theory related to child development, influences on learning and pedagogical practice. It also introduces students to the New Zealand educational context and policies.

C: EDPP 511

EDPI501-09S1 (D) **Semester 1**

EDPI501-09X (C) **Refer to website for dates**

EDPI501-09S2 (C) **Semester 2**

EDPI 601 Professional Studies II: Developing Effective Learners

8 points 0.0667 EFTS

Professional Education Studies is the core component of the GDipTchLn. 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 assessment and evaluation.

C: EDPP 611

EDPI601-09X (C) **Refer to website for dates**

EDPI601-09YD2 (C) **Full Year D Second Half**

EDPI601-09YD2 (D) **Full Year D Second Half**

EDPI601-10X (C) **Refer to website for dates**

EDPI 612 Communication Skills

4 points 0.0333 EFTS

This is a course in interpersonal and intra-personal communications for the reflective teacher and learner. The aim of the course is to use the College "environment" as the context to explore some of the communication and behaviour patterns that enhance the teaching and learning process. The course is experiential and is facilitated over a four day intensive.

EDPI612-09T1 (D) **Term 1**

EDPI612-09T1 (C) **Term 1**

EDPI612-09X (C) **Refer to website for dates**

EDPI 701 Professional Studies III: Integrating Learning and Teaching

6 points 0.0500 EFTS

Professional Education Studies is the core component of the GDipTchLn. This course explores the links between professional practice experiences and established educational theory related to curriculum integration and the diverse needs of children, including the critique of a range of strategies for managing behaviour

P: EDPI 601

C: EDPP 721

EDPI701-09T1 (D) **Term 1**

EDPI701-09X (C) **Refer to website for dates**

EDPI701-09T3 (C) **Term 3**

EDPI701-10X (D) **Refer to website for dates**

EDPI701-10X (C) **Refer to website for dates**

EDPI701-10T3 (C) **Term 3**

EDPP 153 Elements of Classroom Teaching

15 points 0.1250 EFTS

This professional practice course is compulsory for BTchLn students. It presents the opportunity for the student to apply, develop and demonstrate the theoretical and practical learning outcomes from College-based courses, in particular the co-requisite Professional Studies course, while under the professional supervision of a registered classroom teacher and a College lecturer.

P: EDPS 151

C: EDPS 152

EQ: EDPP 156

EDPP153-09T2 (D) **Term 2**

EDPP153-09T4 (C) **Term 4**

EDPP153-09T4 (D) **Term 4**

EDPP153-09T4 (R) **Term 4**

EDPP 155 Children and Classroom Teaching

17.5 points 0.1458 EFTS

Not Offered in 2009

This Professional Practice course is compulsory for GDipTchLn students. It presents the opportunity for students to apply, develop and demonstrate the theoretical and practical learning outcomes from College-based courses, in particular the co-requisite Professional Studies course, while under the professional supervision of a registered classroom teacher and a College lecturer.

C: EDPS 131

EDPP 156 Professional Practice: Elements of Classroom Teaching

12 points 0.1000 EFTS

Not Offered in 2009

This course is compulsory and is to enable students to apply, develop and demonstrate the theoretical and practical learning outcomes while under supervision.

P: EDPS 151
C: EDPS 152
R: EDPP 153

EDPP 261 Professional Practice: Professional Skills & Knowledge

17.5 points 0.1458 EFTS

Not Offered in 2009

This course is compulsory and is to enable students to apply, develop and demonstrate the theoretical and practical learning outcomes while under supervision.

P: EDPP 156, EDPS 152

EDPP 262 Professional Practice: Effective Student Learning

17.5 points 0.1458 EFTS

This course is compulsory and is to enable students to apply, develop and demonstrate the theoretical and practical learning outcomes while under supervision.

P: EDPP 261, EDPS 261

EDPP262-09T1 (D) **Term 1**

EDPP 263 Professional Skills and Knowledge

18 points 0.1500 EFTS

This professional practice course is compulsory for BTchLn students. It presents the opportunity for the student to apply, develop and demonstrate the theoretical and practical learning outcomes from College-based courses, in particular the co-requisite Professional Studies course, while under the professional supervision of a registered classroom teacher and a College lecturer.

P: EDPP 153 and EDPS 152
C: EDPS 261

EDPP263-09T1 (D) **Term 1**
EDPP263-09T2 (R) **Term 2**
EDPP263-09T1 (C) **Term 1**
EDPP263-09T2 (N) **Term 2**
EDPP263-09T3 (D) **Term 3**

EDPP 264 Effective Student Learning

18 points 0.1500 EFTS

This professional practice course is compulsory for BTchLn students. It presents the opportunity for the student to apply, develop and demonstrate the theoretical and practical learning outcomes from College-based courses, in particular the co-requisite Professional Studies course, while under the professional supervision of a registered classroom teacher and a College lecturer.

P: EDPP 263 and EDPS 261
C: EDPS 262

EDPP264-09T1 (D) **Term 1**
EDPP264-09T3 (C) **Term 3**
EDPP264-09T3 (D) **Term 3**
EDPP264-09T3 (R) **Term 3**
EDPP264-09T3 (N) **Term 3**

EDPP 371 Professional Practice: Increasing Teacher Independence

17.5 points 0.1458 EFTS

Not Offered in 2009

This course is compulsory and is to enable students to apply, develop and demonstrate the theoretical and practical learning outcomes while under supervision.

P: EDPS 262, EDPP 262, EDMS 152, EDEN 151, EDEN 152

EDPP 372 Professional Practice: Learning and Teaching - Solo

17.5 points 0.1458 EFTS

This course is compulsory and is to enable students to apply, develop and demonstrate the theoretical and practical learning outcomes while under supervision.

P: EDPP 371, EDPS 371

EDPP372-09T1 (D) **Term 1**

EDPP 373 Increasing Teaching Independence

20 points 0.1667 EFTS

This Professional Practice course is compulsory for BTchLn students. It presents the opportunity for the student to apply, develop and demonstrate the theoretical and practical learning outcomes from college-based courses, in particular the co-requisite Professional Studies course, while under the professional supervision of a practising registered classroom teacher.

P: EDEN 263, EDEN 264, EDMS 262, EDUC 261, EDUC 262, EDPS 262 and EDPP 264
C: EDPS 371

EDPP373-09T1 (C) **Term 1**
EDPP373-09T1 (N) **Term 1**
EDPP373-09T1 (D) **Term 1**
EDPP373-09T1 (R) **Term 1**
EDPP373-09T3 (D) **Term 3**

EDPP 374 Learning and Teaching - Solo

20 points 0.1667 EFTS

This Professional Practice course is compulsory for BTchLn students. It presents the opportunity for the student to apply, develop and demonstrate the theoretical and practical learning outcomes from college-based courses, in particular the co-requisite Professional Studies course, while under the professional supervision of a practising registered classroom teacher.

P: EDPP 373, EDPS 371 and all year two professional education and curriculum courses (EDUC 261,EDUC 262,

EDUC 267, EDPI 153, EDEN 263, EDEN 264, EDMI 251, EDMS 262, EDSC 261, EDTE 151, EDSS 261, EDHL 261)
C: EDPS 372

EDPP374-09T3 (C)	**Term 3**
EDPP374-09T3 (N)	**Term 3**
EDPP374-09T3 (D)	**Term 3**
EDPP374-09T3 (R)	**Term 3**

EDPP 511 Professional Practice I: Children and Classroom Teaching

17 points 0.1417 EFTS

This course provides the opportunity for students to apply, develop and demonstrate the theoretical and practical learning outcomes from College-based courses, in particular the co-requisite Professional Studies course, while under the professional supervision of a registered classroom teacher and a College lecturer.

C: EDPI 501

EDPP511-09T2 (C)	**Term 2**
EDPP511-09T2 (D)	**Term 2**
EDPP511-09T3 (C)	**Term 3**

EDPP 611 Professional Practice II: Professional Knowledge and Development

17 points 0.1417 EFTS

This course provides the opportunity for students to further apply, develop and demonstrate the theoretical and practical learning outcomes from College-based courses, in particular the co-requisite Professional Studies course, while under the professional supervision of a registered classroom teacher and a College lecturer.

P: EDPP 511
C: EDPI 601

EDPP611-09X (C)	**Refer to website for dates**
EDPP611-09T3 (C)	**Term 3**
EDPP611-09T3 (D)	**Term 3**
EDPP611-10X (C)	**Refer to website for dates**

EDPP 721 Professional Practice III: Learning and Teaching Independence

17 points 0.1417 EFTS

This is the final Professional Practice course for GradDipTchLn students. It provides the opportunity for students to apply, develop and demonstrate the theoretical and practical learning outcomes from College-based courses, in particular the co-requisite Professional Studies course, while under the professional supervision of a registered classroom teacher and a College lecturer.

P: EDPP 611
C: EDPI 701
R: EDPP 375
EQ: EDPP 375

EDPP721-09X (D)	**Refer to website for dates**
EDPP721-09X (C)	**Refer to website for dates**
EDPP721-09T1 (D)	**Term 1**
EDPP721-09T3 (C)	**Term 3**
EDPP721-10X (D)	**Refer to website for dates**
EDPP721-10X (C)	**Refer to website for dates**
EDPP721-10T3 (C)	**Term 3**

EDPS 101 Professional Studies 1

4 points 0.0333 EFTS

This Professional Studies course focuses on the skills of teaching that are considered necessary for all beginning teachers. It examines the principles of teaching, both practice and theory.

EDPS101-09T2 (C)	**Term 2**

EDPS 131 Introduction to Observing, Designing and Managing Learning

6 points 0.0500 EFTS

Not Offered in 2009

This course is compulsory and introduces students to the observation, interaction, management, planning, diagnostic and practical teaching skills required of teachers in the New Zealand primary, intermediate or area school. The course encompasses the knowledge and skills required to implement a range of learning and teaching methods; knowledge of legal and community expectations of teachers and an individualised component that is responsive to the professional needs identified by each student and his/her Professional Studies lecturer.

C: EDPP 155

EDPS 151 Professional Studies 1A

4.5 points 0.0375 EFTS

Professional Studies is a core component of the BTchLn and consists of a series of compulsory courses which are designed to assist students to identify and address professional needs. EDPS151 is the introductory course in this series and it has a focus on observing and interacting effectively with primary school age children.

EDPS151-09X (C)	**Refer to website for dates**
EDPS151-09X (D)	**Refer to website for dates**
EDPS151-09X (R)	**Refer to website for dates**

EDPS 152 Professional Studies 1B

4.5 points 0.0375 EFTS

Professional Studies is a core compulsory component of the BTchLn and consists of a series of courses which are designed to assist students to identify and meet profes-

sional needs. EDPS152 has a focus on understanding how children learn and how teachers can manage this process.

P: EDPS 151

C: EDPP 153

EDPS152-09T2 (D)	**Term 2**
EDPS152-09YD2 (C)	**Full Year D Second Half**
EDPS152-09YD2 (D)	**Full Year D Second Half**
EDPS152-09YD2 (R)	**Full Year D Second Half**

EDPS 154 Professional Studies 1

20 points 0.1667 EFTS

This is a 100 level compulsory course in which students prepare for working with children alongside other adults in early childhood settings. It introduces regulatory requirements, issues and practices in early childhood settings and the concept of reflective practice. A central focus of this course is the development of professional competence and qualities for early childhood professionals.

C: Either: (1) EDTP 106 and EDTP 107 and EDTP 108 or (2) EDTP 156

EDPS154-09YA (T)	**Full Year A**
EDPS154-09YA (Y)	**Full Year A**
EDPS154-09W (C)	**Whole Year (S1 and S2)**
EDPS154-09W (D)	**Whole Year (S1 and S2)**

EDPS 201 Professional Studies 2

4 points 0.0333 EFTS

This course builds on the level 1 Professional Studies course. Professional Studies examines the basic teaching skills that all teachers need to develop to establish sound practical approaches to the professional role of a beginning secondary teacher. The emphasis is on the development of units of work and classroom management strategies more specifically applied in curriculum context. A marae visit at the start of year 2 is a compulsory part of this course.

P: EDPS 101

EDPS201-09T4 (C)	**Term 4**

EDPS 261 Professional Studies 2A

5 points 0.0417 EFTS

Professional Studies is the core compulsory component of the BTchLn (Primary). It consists of a series of courses that are designed to assist students to identify and meet professional needs. This process establishes links between professional practice experiences, pedagogy and learning theory, taught by the University of Canterbury. These links are further supported by the knowledge and skills students' gain in Curriculum Studies and other Professional Education courses. EDPS261 is the introductory 200 level course in this series.

P: EDPS 152

C: EDPP 263

EDPS261-09YD1 (D)	**Full Year D First Half**
EDPS261-09YD1 (R)	**Full Year D First Half**
EDPS261-09YD1 (N)	**Full Year D First Half**
EDPS261-09YD1 (C)	**Full Year D First Half**
EDPS261-09S2 (D)	**Semester 2**

EDPS 262 Professional Studies 2B

5 points 0.0417 EFTS

Professional Studies is the core compulsory component of the BTchLn (Primary). It consists of a series of courses that are designed to assist students to identify and meet professional needs. This process establishes links between professional practice experiences, pedagogy and learning theory taught by the University of Canterbury. This is further supported by the knowledge and skills students' gain in Curriculum Studies and other Professional Education courses. EDPS262 builds on the learning outcomes of EDPS261.

P: EDPS 261

C: EDPP 264

EDPS262-09X (D)	**Refer to website for dates**
EDPS262-09YD2 (C)	**Full Year D Second Half**
EDPS262-09YD2 (D)	**Full Year D Second Half**
EDPS262-09YD2 (R)	**Full Year D Second Half**
EDPS262-09YD2 (N)	**Full Year D Second Half**

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.

EDPS264-09YA (T)	**Full Year A**
EDPS264-09YA (Y)	**Full Year A**
EDPS264-09YA (C)	**Full Year A**
EDPS264-09YD (C)	**Full Year D**
EDPS264-09YD (D)	**Full Year D**

EDPS 301 Professional Studies 3

4 points 0.0333 EFTS

This course builds on Year 1 and 2 Professional Studies courses. Professional Studies further develops teaching skills that all teachers need to establish sound practical approaches to the professional role of a beginning secondary teacher.

P: EDPS 201

EDPS301-09X (C)	**Refer to website for dates**

EDPS 303 Professional Studies 4

12 points 0.1000 EFTS

Not Offered in 2009

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

Please check www.canterbury.ac.nz/courses for the latest course information.

to establish sound practical approaches to the professional role of a beginning secondary teacher.

R: EDPS 306

EDPS 305 Professional Studies

20 points 0.1667 EFTS

Professional Studies is a compulsory course for all GradDipTchLn (Secondary) students. The course uses five themes to develop essential aspects of teaching and learning. They are: Learning and Teaching - develops planning, preparation and strategies for teaching including effective classroom communication. Class Management - specific preventative and correction strategies are discussed and developed into practical classroom approaches. Maori Studies introduces Te Reo Maori and Tiakinga Maori to develop appropriate bicultural practices for teachers. Safe and Inclusive Classrooms introduces diversity and equity in educational achievement. The Professional Role of the Teacher discusses the professional roles and responsibilities of teachers.

EDPS305-09YC (R)	**Full Year C**
EDPS305-09YC (N)	**Full Year C**
EDPS305-09YC (C)	**Full Year C**
EDPS305-09X (C)	**Refer to website for dates**

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

EDPS306-09YC (C)	**Full Year C**

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

EDPS363-09YA (C)	**Full Year A**
EDPS363-09YA (T)	**Full Year A**
EDPS363-09YA (Y)	**Full Year A**

EDPS 371 Professional Studies 3A

6 points 0.0500 EFTS

Professional Studies is the core compulsory component of the BTchLn (Primary). It consists of a series of courses which are designed to assist students to identify and meet professional needs in relation to learning outcomes. This process establishes links between professional practice experiences, pedagogy and learning theory taught by the University of Canterbury, and these links are further supported by the knowledge and skills students gain in Curriculum Studies and other Professional Education courses. EDPS371 is the introductory 300 level course in this series.

P: EDPS 262
C: EDPP 373

EDPS371-09YD1 (C)	**Full Year D First Half**
EDPS371-09YD1 (D)	**Full Year D First Half**
EDPS371-09YD1 (R)	**Full Year D First Half**
EDPS371-09YD1 (N)	**Full Year D First Half**
EDPS371-09S2 (D)	**Semester 2**

EDPS 372 Professional Studies 3B

6 points 0.0500 EFTS

Professional Studies is the core compulsory component of the BTchLn (Primary). It consists of a series of courses which are designed to assist students to identify and meet professional needs in relation to learning outcomes. This process establishes links between professional practice experiences, pedagogy and learning theory taught by the University of Canterbury, and these links are further supported by the knowledge and skills students gain in Curriculum Studies and other Professional Education courses. EDPS372 is the final 300 level course in this series.

P: EDPS 371
C: EDPP 374

EDPS372-09T1 (D)	**Term 1**
EDPS372-09X (C)	**Refer to website for dates**
EDPS372-09X (D)	**Refer to website for dates**
EDPS372-09X (R)	**Refer to website for dates**
EDPS372-09X (N)	**Refer to website for dates**

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: Either: (1) EDPS 264 or (2) EDPS 264 and EDTP 214
C: Either: (1) EDTP 315 and EDTP 316 and EDTP 317, or (2) EDTP 373 and EDTP 374.

EDPS376-09YA (C)	**Full Year A**
EDPS376-09YA (T)	**Full Year A**
EDPS376-09YA (Y)	**Full Year A**
EDPS376-09X (T)	**Refer to website for dates**
EDPS376-09X (Y)	**Refer to website for dates**
EDPS376-09X (C)	**Refer to website for dates**
EDPS376-09YD (C)	**Full Year D**
EDPS376-09YD (D)	**Full Year D**
EDPS376-09X (D)	**Refer to website for dates**

EDPS 377 Special Topic: Early Childhood: The Professional Context

15 points 0.1250 EFTS

This is a 300 level optional course which focuses on structures, issues and practices affecting early childhood

settings, issues related to the early childhood profession and practical aspects of operating within the profession. The course examines the role of early childhood teachers as advocates for children and families particularly in relation to the parliamentary process, legislation and policy.

EDPS377-09YD (C)	**Full Year D**
EDPS377-09YD (D)	**Full Year D**

EDRT 411 Whakatipu Akonga

4 points 0.0333 EFTS

This course seeks to develop students awareness and understanding of tikanga (customary practices) and the organization associated with noho marae. Students have the opportunity to experience the ways in which Maori values are lived on the marae as they work collaboratively to learn its kawa (protocols). As a background to a better understanding of bi-cultural classroom practice students will also investigate: the history and content of the Treaty of Waitangi; subsequent historical and social developments in Aotearoa as they relate to the development of a bicultural society and the aspirations of Maori in terms of education in Aotearoa. The course involves active participation, builds on students' existing knowledge, and encourages them to take ownership of, and responsibility for, their further learning.

EDRT411-09T2 (C)	**Term 2**
EDRT411-09X (D)	**Refer to website for dates**
EDRT411-09X (C)	**Refer to website for dates**
EDRT411-10T2 (C)	**Term 2**

EDRT 711 Society, Culture and Communication

12 points 0.1000 EFTS

This compulsory GDipTchLn course (primary) provides a theoretical and practical framework for inclusive teaching that takes account of the cultural and linguistic backgrounds of children within the context of teaching Social Sciences and Te Reo me ona Tikanga Maori. The course encourages students to develop an awareness of Maori culture and an appreciation of the dual heritage of Aotearoa New Zealand. Students will be introduced to resources, learning strategies and process skills appropriate to teaching Social Sciences, English as an additional language and Te Reo me ona Tikanga Maori.

EDRT711-09W (D)	**Whole Year (S1 and S2)**
EDRT711-09T1 (C)	**Term 1**
EDRT711-09CY (C)	**Cross Year**

EDSC 151 Science and Children

5 points 0.0417 EFTS

This is a 100 level compulsory course which focuses on assisting students to become familiar with science in the world of children and to gain a deeper personal understanding of science concepts. Hands-on experiences give students confidence and skills in organising and running practical activities and in assessing children's prior knowledge and planning to meet their emerging needs.

EDSC151-09X (D)	**Refer to website for dates**
EDSC151-09X (C)	**Refer to website for dates**
EDSC151-09X (R)	**Refer to website for dates**

EDSC 232 Science Education

6 points 0.0500 EFTS

Not Offered in 2009

This course will enable students to become familiar with selecting science activities and outcomes which are appropriate for the identified learning needs of children. There is an emphasis on curriculum interpretation, selection of resources, planning and the effective delivery and assessment of science in the classroom.

EDSC 261 Science in the Classroom

5 points 0.0417 EFTS

This is a 200 level compulsory course which extends the skills and understanding developed in EDSC151. It focuses on planning and delivering science in the primary classroom. Students become familiar with selecting science concepts and planning around these to meet the needs of the class and the demands of the curriculum. Practical work enhances skills and confidence in teaching science concepts at a level that will challenge and extend children.

P: EDSC 151

EDSC261-09X (C)	**Refer to website for dates**
EDSC261-09YD2 (D)	**Full Year D Second Half**
EDSC261-09YD2 (R)	**Full Year D Second Half**
EDSC261-09YD2 (N)	**Full Year D Second Half**

EDSC 308 Science Education Years 7 - 13

12 points 0.1000 EFTS

This is a compulsory course designed for specialist science teachers. The course runs throughout the year and emphasises practical work and teaching methods that produce maximum student involvement. Fundamental issues in teaching and learning in science education are examined in relation to levels 4 to 8 of Science in the New Zealand Curriculum. During the course students will gain experience in planning approaches, assessment practices, management strategies, learning theories and teaching strategies in a practical and reflective way.

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

EDSC308-09YC (C)	**Full Year C**
EDSC308-09YC (N)	**Full Year C**
EDSC308-09YC (R)	**Full Year C**
EDSC308-09X (C)	**Refer to website for dates**

EDSC 357 Biology Curriculum Years 11 - 13

8 points 0.0667 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 Biology in the New Zealand Curriculum 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: Subject to the approval of the Head of School.
C: EDSC 308

EDSC357-09X (C)	**Refer to website for dates**

EDSC 358 Biology Curriculum Years 11 - 13

12 points 0.1000 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 Biology in the New Zealand Curriculum 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: Subject to the approval of the Head of School.
C: EDSC 308

EDSC358-09YC1 (C)	**Full Year C First Half**
EDSC358-09X (R)	**Refer to website for dates**
EDSC358-09X (N)	**Refer to website for dates**
EDSC358-09YC2 (C)	**Full Year C Second Half**
EDSC358-10X (C)	**Refer to website for dates**

EDSC 367 Chemistry Curriculum Years 11 - 13

8 points 0.0667 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 Chemistry in the New Zealand Curriculum 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: Subject to the approval of the Head of School.
C: EDSC 308

EDSC367-09X (C)	**Refer to website for dates**

EDSC 368 Chemistry Curriculum Years 11 - 13

12 points 0.1000 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 Chemistry in the New Zealand Curriculum 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: Subject to the approval of the Head of School.
C: EDSC 308

EDSC368-09YC1 (C)	**Full Year C First Half**
EDSC368-09X (R)	**Refer to website for dates**
EDSC368-09X (N)	**Refer to website for dates**
EDSC368-10X (C)	**Refer to website for dates**

EDSC 373 Collaborative Science within the Community

8 points 0.0667 EFTS

This course extends students' science experiences through collaboration with other educators and resources in the community. It involves students in online interaction using "virtual" field trips to places around New Zealand and to our remote neighbours like Antarctica. Although this course has an environmental science focus it can incorporate aims from the other science strands. It also provides rich opportunities to plan learning experiences which integrate literacy, numeracy, social studies and technology .

EDSC373-09YD2 (D)	**Full Year D Second Half**

EDSC 377 Physics Curriculum Years 11-13

8 points 0.0667 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 Physics in the New Zealand Curriculum 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: Subject to the approval of the Head of School.
C: EDSC 308

EDSC377-09X (C)	**Refer to website for dates**

EDSC 378 Physics Curriculum Years 11-13

12 points 0.1000 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 Physics in the New Zealand Curriculum 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: Subject to the approval of the Head of School.
C: EDSC 308

EDSC378-09YC1 (C)	**Full Year C First Half**
EDSC378-09X (R)	**Refer to website for dates**
EDSC378-09X (N)	**Refer to website for dates**
EDSC378-10X (C)	**Refer to website for dates**

EDSC 711 Science Curriculum Studies

4 points 0.0333 EFTS

This course is designed to examine how we can best teach science in the primary classroom. There is an emphasis on how to foster a sense of awe, wonder and excitement in the teaching and learning of primary science. Firstly, the content, processes and attitudes of science are deconstructed, largely through practical investigations. The second focus provides teaching experiences that help students make the transition from effective planning to effective teaching.

EDSC711-09X (D)	**Refer to website for dates**
EDSC711-09X (C)	**Refer to website for dates**
EDSC711-09YD2 (C)	**Full Year D Second Half**
EDSC711-09YD2 (D)	**Full Year D Second Half**

EDSL 401 Developing Children's Literacy

10 points 0.0833 EFTS

This is one of three compulsory courses for the Certificate in Learning Support. It includes key aspects in the supporting of children's literacy development with a focus on strategies and practical activities. The content covers speaking and listening, reading, writing and visual language. It covers children's literacy development from early childhood through to early secondary schooling.

EDSL401-09S1 (C)	**Semester 1**
EDSL401-09S1 (D)	**Semester 1**
EDSL401-09YD2 (C)	**Full Year D Second Half**
EDSL401-09YD2 (D)	**Full Year D Second Half**

EDSL 402 Developing Children's Numeracy

10 points 0.0833 EFTS

This is one of three compulsory courses for the Certificate in Learning Support. It includes key aspects in the supporting of children's numeracy development. It focuses on strategies and practical activities. The content covers the eight stages within the Number Framework, which relates to the teaching of number in Mathematics in the New Zealand Curriculum. It covers children's numeracy development from early childhood through to early secondary schooling.

EDSL402-09S1 (C)	**Semester 1**
EDSL402-09S1 (D)	**Semester 1**
EDSL402-09YD2 (C)	**Full Year D Second Half**
EDSL402-09YD2 (D)	**Full Year D Second Half**

EDSL 403 The Child in the Learning Environment

10 points 0.0833 EFTS

Not Offered in 2009

This is one of three compulsory courses for the Certificate in Supporting Children's Learning. It provides the opportunity for the participant to gain an understanding of the environmental factors that influence children's learning from early childhood through to secondary school ages, and an appreciation of teaching strategies which support learning. Aspects of behaviour management, child development and the organisation of effective learning environments will be investigated. The health, legal and ethical requirements of workers in early childhood centres and schools will be addressed and students will be given an introduction to the New Zealand Curriculum Framework and the Early Childhood curriculum document Te Whaariki.

EDSL 404 Working in the Learning Environment

10 points 0.0833 EFTS

This is one of three compulsory courses for the Certificate in Learning Support. The content covers understanding the New Zealand Curriculum, the roles and responsibilities of a teacher aide, the skills of professional communication and working within a bicultural context and the IEP process.

R: EDSL 403

EDSL404-09S1 (C)	**Semester 1**
EDSL404-09S1 (D)	**Semester 1**
EDSL404-09YD2 (C)	**Full Year D Second Half**
EDSL404-09YD2 (D)	**Full Year D Second Half**

EDSL 410 Marautanga Maori - Te Reo me ona Tikanga

10 points 0.0833 EFTS

This is an optional course for the Certificate in Learning Support which focuses on developing an awareness of the Maori dimension and its relevance to working with Maori children. The course introduces students to te Reo me ona Tikanga, thus enabling them to confidently provide a culturally supportive environment for children's learning to take place.

EDSL410-09S1 (D)	**Semester 1**

EDSL 411 Information and Communication Technology in the Learning Environment

10 points 0.0833 EFTS

This is an optional course for the Certificate in Learning Support which provides an introduction to ICT skills in the teaching and learning environment. A key aspect of the course is its focus on how ICT skills can be integrated through a problem solving approach. The content will cover the use of appropriate software.

EDSL411-09S1 (D)	**Semester 1**
EDSL411-09YD2 (C)	**Full Year D Second Half**

EDSL 412 Children's Literature and the Library

10 points 0.0833 EFTS

This is an optional course for the Certificate in Learning Support which explores the visual aspects of the picture book; examines young adult fiction and highlights ways of supporting children's exploration of literature. The course is also aimed at developing the participants' awareness of their role of supporting the operation of an effective school library.

EDSL412-09S1 (C)	**Semester 1**
EDSL412-09YD2 (D)	**Full Year D Second Half**

EDSL 413 Learning for Pasifika Children

10 points 0.0833 EFTS

Not Offered in 2009

This is an optional course for the Certificate in Learning Support which introduces support strategies aimed at raising the academic capabilities of Pasifika children and adolescents. It focuses on Pasifika resources and some Pasifika dimensions of children's learning. It enables both Pacific Island and non- Pacific Island participants to develop an awareness of Pasifika language and culture.

EDSL 414 Developing Personal Literacy

10 points 0.0833 EFTS

This is an optional course for the Certificate in Learning Support which is designed to meet the personal literacy needs of participants. The course focuses on developing and extending writing skills including grammar, spelling, usage and presentation. The course requires students to take responsibility for the development, demonstration and monitoring of their writing in a variety of written contexts.

EDSL414-08SU2 (D) **Summer (Nov 08)**
EDSL414-09S1 (D) **Semester 1**
EDSL414-09YD2 (C) **Full Year D Second Half**
EDSL414-09YD2 (D) **Full Year D Second Half**

EDSL 415 Developing Personal Numeracy

10 points 0.0833 EFTS

This is an optional course for the Certificate in Learning Support which is designed to meet the personal numeracy needs of participants. The course focuses on developing and extending mathematical understandings and skills including number, measurement and geometry.

EDSL415-08SU2 (D) **Summer (Nov 08)**
EDSL415-09S1 (D) **Semester 1**
EDSL415-09YD2 (D) **Full Year D Second Half**

EDSL 416 Extending Gifted Children

10 points 0.0833 EFTS

Not Offered in 2009

This is an optional course for the Certificate in Learning Support. It is a practical course designed to support learning that will extend and stimulate gifted and talented children. The course focuses on activities that emphasise individual challenge and higher order thinking. The course introduces the range of areas of high ability and successful ways to help learners reach their full potential.

EDSL 417 Supporting Perceptual Motor Programmes

10 points 0.0833 EFTS

This is an optional course for the Certificate in Learning Support. It is a practical course designed to equip participants with the knowledge and skills necessary to support perceptual motor programmes.

EDSL417-09S1 (D) **Semester 1**

EDSL 418 Supporting Children's Musical Development

10 points 0.0833 EFTS

Not Offered in 2009

This is an optional course for the Certificate in Learning Support. It provides an opportunity for participants to develop the understanding and skills to support children's musical development.

EDSL 419 Health Issues for Children

10 points 0.0833 EFTS

This is an optional course for the Certificate in Learning Support. Participants will gain knowledge about a variety of health issues that affect New Zealand children. The course will focus on understanding how issues such as bullying, poor nutrition, and poor self-esteem impact on children's health; how they may affect learning and the effects may be minimized.

EDSL419-09S1 (C) **Semester 1**
EDSL419-09YD2 (D) **Full Year D Second Half**

EDSL 420 Supporting New Learners of English

10 points 0.0833 EFTS

This is an optional course for the Certificate in Learning Support. This course includes the development of participants knowledge of new settler cultures and language backgrounds, their emotional, social and educational needs as well as ways in which teaching materials might be developed and adapted to meet the language and learning needs of new learners of English.

EDSL420-09S1 (D) **Semester 1**
EDSL420-09YD2 (D) **Full Year D Second Half**

EDSL 430 Strategies for Positive Behaviour Support

10 points 0.0833 EFTS

This is an optional course for the Certificate in Learning Support. It provides an introduction to the basic assessment of behaviour and skills in special needs and to the characteristics of behaviour and the role of behaviour in instruction. The course will also assist participants to gain knowledge of the instructional process and an introduction to the principles and practice of reinforcement. Characteristics of, and issues related to, challenging behaviours will be explored

EDSL430-09S1 (C) **Semester 1**
EDSL430-09S1 (D) **Semester 1**
EDSL430-09YD2 (D) **Full Year D Second Half**

EDSL 431 Learning and Teaching in Special Needs

10 points 0.0833 EFTS

This is an optional course for the Certificate in Learning Support. Participants will learn how to teach new material and ensure that it's remembered. The course also explores strategies to record learning and support teaching and incorporates an introduction to the teaching strategies of Direct Instruction and fluency building along with effectively supporting learning.

R: EDSN 403

EDSL431-09S1 (C) **Semester 1**
EDSL431-09YD2 (D) **Full Year D Second Half**

EDSL 432 Supporting the Exceptional Learner

10 points 0.0833 EFTS

This is an optional course for the Certificate in Learning Support and provides an introduction to the characteristics and features of a range of conditions and syndromes and the implications of these for classroom support. Participants will gain knowledge of basic communication skills and strategies for working with people with a variety

of special needs; the role of the communication partner and facilitating social relationships.

EDSL432-09S1 (D) **Semester 1**
EDSL432-09YD2 (C) **Full Year D Second Half**
EDSL432-09YD2 (D) **Full Year D Second Half**

EDSL 433 Learning Support Strategies

10 points 0.0833 EFTS

This is an optional course for the Certificate in Learning Support which teaches participants how to provide support in the learning environment by using techniques such as advanced organisers, cooperative learning circles and some of the Naturalistic Teaching Strategies. Reader / writer roles will be examined. It is particularly suitable for Teacher Aides working in Secondary Schools.

EDSL433-09S1 (D) **Semester 1**
EDSL433-09YD2 (C) **Full Year D Second Half**

EDSN 725 Holistic Assessment for Youth at Risk

30 points 0.2500 EFTS

Not Offered in 2009

This course is for professionals working with youth at risk. Participants will learn how to use existing assessments appropriately and develop new culturally-appropriate assessments for youth at risk. Content includes a review of adolescent development with an emphasis on the development of typical and atypical youth cultures; legislation, ethics and appropriate practices for working with youth at risk and their families ;using a multidisciplinary approach to support youth to identify goals for the future; identification of pathways and support services to assist the youth to achieve these goals.

R: EDTL 825

EDSN 751 Education of the Gifted Learner in New Zealand

30 points 0.2500 EFTS

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

EDSN751-09W (D) **Whole Year (S1 and S2)**

EDSN 752 Managing Challenging Behaviour

30 points 0.2500 EFTS

A detailed study of the principles of applied behaviour analysis and their application in a bicultural context, to the behaviour of children, adolescents and adults at home, at school, at work and in the community. A decision model provides the structure for the development of behaviour change programmes.

R: EDEM 625, EDTL 852

EDSN752-09W (C) **Whole Year (S1 and S2)**
EDSN752-09W (D) **Whole Year (S1 and S2)**

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

EDSN753-09W (C) **Whole Year (S1 and S2)**
EDSN753-09W (D) **Whole Year (S1 and S2)**

EDSN 754 Inclusive Practices in Literacy and Numeracy

30 points 0.2500 EFTS

Not Offered in 2009

The course provides primary and secondary teachers in regular and special schools, with specific teaching skills to teach literacy and numeracy effectively to diverse learners in their classes. The course includes strategies for general and specific skill assessment and for developing programmes in oral and written language, phonemic awareness, reading and mathematics. The course provides applications of the teaching strategies taught in EDTL853/ EDSN753 Teaching Strategies for Diverse Learners. The assignments are designed to be carried out with individuals and groups in the classroom.

P: EDSN 752 and EDSN 753
R: EDTL 854

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

EDSN755-09W (D) **Whole Year (S1 and S2)**

EDSN 758 Information and Communication Technology in Special Education

30 points 0.2500 EFTS

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.

EDSN758-09W (C) **Whole Year (S1 and S2)**
EDSN758-09W (D) **Whole Year (S1 and S2)**

EDSN 759 Communication and Oral Language for Special Needs

30 points 0.2500 EFTS

This course is designed for teachers who work with children 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

EDSN759-09W (D) **Whole Year (S1 and S2)**

EDSN 763 Community Services: Issues, Development and Delivery

30 points 0.2500 EFTS

A detailed study of the principles and practices involved in the development and delivery of community-based services for developmentally disabled people. The concepts of life-style planning, normalisation, self-determination and empowerment provide the basis for examining critical issues, including personal and vocational development, self-determination and choice, inclusion and advocacy, and the establishment of formal and informal community support systems. Relevant policy, legislation and regulations will be examined. Strategies for identifying vocational and recreational opportunities, organising involvement in community environments and developing self-advocacy, personal decision-making and communication skills will be reviewed and evaluated.

EDSN763-09W (D) **Whole Year (S1 and S2)**

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 whanau 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.

EDSN764-09W (D) **Whole Year (S1 and S2)**

EDSN 766 Autism and Asperger's Syndrome

30 points 0.2500 EFTS

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/whanau and the role of the family/whanau are explored and reviewed.

R: EDEM 624, EDTL 866

EDSN766-09W (D) **Whole Year (S1 and S2)**

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

EDSN775-09W (D) **Whole Year (S1 and S2)**

EDSP 101 Foundations of Sport Science

24 points 0.2000 EFTS

This course provides the foundation for the study of movement sciences. It introduces anatomy, physiology, biochemistry and exercise nutrition

EDSP101-09S1 (C) **Semester 1**

EDSP 102 Introduction to Kinesiology

6 points 0.0500 EFTS

This course introduces mathematical and mechanical principles of human motion, and the anatomy and control structures of the central nervous system.

C: EDSP 101

EDSP102-09S2 (C) **Semester 2**

EDSP 120 Growth and Development

6 points 0.0500 EFTS

This course is an introduction to life span development, from infants through to older adults. The psychosocial, cognitive and physical domains of development will be covered.

EDSP120-09S1 (C) **Semester 1**

EDSP 122 Communication

12 points 0.1000 EFTS

This course will provide opportunity for students to develop knowledge of the interpersonal and intrapersonal

communication skills necessary for effective coaching for a range of coaching contexts.

EDSP122-09S1 (C) **Semester 1**

EDSP 123 Coaching and Learning 1

18 points 0.1500 EFTS

This course will develop technical pedagogical knowledge and skills applicable to coaching and learning in the sport environment. Students will demonstrate links between coaching theory and practice in a variety of practical coaching contexts.

EDSP123-09W (C) **Whole Year (S1 and S2)**

EDSP 130 Practicum 1

6 points 0.0500 EFTS

Students are required to participate in micro-coaching sessions under the supervision of college staff. This course will take place in a structured primary school sport environment where students will apply coaching principles covered in during Coaching and Learning 1.

C: EDSP 120, EDSP 122 and EDSP 123

EDSP130-09W (C) **Whole Year (S1 and S2)**

EDSP 180 Social History of Sport

12 points 0.1000 EFTS

This course is an introduction to the history, philosophy and sociology of physical activity and sport. It examines the development of sporting activity in western society with particular reference to New Zealand. Sociological theories are introduced and discussed in the context of sport and society.

EDSP180-09S2 (C) **Semester 2**

EDSP 201 Sport Injuries

12 points 0.1000 EFTS

This course is an introduction to epidemiological issues of sporting injuries as well as athletic taping for the prevention and management of sporting injuries.

C: EDSP 101
R: EDSP 668
EQ: EDSP 668

EDSP201-09S2 (C) **Semester 2**

EDSP 202 Biomechanics

12 points 0.1000 EFTS

This course further develops movement science principles with an emphasis on the mechanical principles of human motion.

P: EDSP 102 at B grade or better

EDSP202-09S2 (C) **Semester 2**

EDSP 203 Sport Nutrition

12 points 0.1000 EFTS

Utilising prior knowledge from the areas of physiology, anatomy and biochemistry, this course examines nutritional theory for healthy living and its application to exercise and sport.

P: EDSP 101 at B grade or better

EDSP203-09S1 (C) **Semester 1**

EDSP 204 Sport Physiology 1

12 points 0.1000 EFTS

This course examines the different components of fitness. It examines the human body's acute response and adaptation to exercise. Furthermore, it reviews the current methods of assessing these components.

P: EDSP 101 at B grade or better
R: SP661
EQ: SP661

EDSP204-09S1 (C) **Semester 1**

EDSP 223 Sport Management

12 points 0.1000 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.

EDSP223-09S2 (C) **Semester 2**

EDSP 224 Athlete-Centred Coaching

6 points 0.0500 EFTS

This course examines the coaching theory and practice of empowerment for coaching. It will explore elements of critical theory and humanism and how they can be applied to coaching.

P: EDSP 123 and EDSP 180 at B grade or better.

EDSP224-09S2 (C) **Semester 2**

EDSP 225 Coaching and Learning 2

18 points 0.1500 EFTS

This course examines and applies practical coach pedagogy (learning theories and instructional models) to the sport environment. The course also extends pedagogical knowledge and application of the principles of motor skill learning from Coaching and Learning 1.

P: EDSP 123 at B grade or better

EDSP225-09W (C) **Whole Year (S1 and S2)**

EDSP 230 Practicum 2

12 points 0.1000 EFTS

Students are required to practise coaching in a youth sport (U14) environment with guidance. This course builds on Practicum 1 to further develop coaching skills and processes. Students will apply coaching principles and theory, and self-reflect on their coaching experiences.

P: EDSP 130 or SP531
C: EDSP 225
R: EDSP 632
EQ: SP631 and SP632

EDSP230-09W (C) **Whole Year (S1 and S2)**
EDSP230-09A (C) **Starts Anytime**

EDSP 261 Te Reo Me Ona Tikanga - Waiariki

8 points 0.0667 EFTS

This is a compulsory course for all students enrolled in the Regional Initiative programme base in Rotorua. It provides advanced level studies to equip both Maori and non-Maori

Please check www.canterbury.ac.nz/courses for the latest course information.

students with skills in taha Maori, Te Reo and Tikanga Maori, both personally and in their application to schools.

P: EDTW 141

EDSP261-09YD (R) **Full Year D**

EDSP 280 Sport Psychology 1

12 points 0.1000 EFTS

This course is an introduction to the basic sport psychology theory and techniques used for maximising performance and satisfaction in physical activity.

R: EDSP 664
EQ: EDSP 664

EDSP280-09S2 (C) **Semester 2**

EDSP 281 Participants in Sport

12 points 0.1000 EFTS

This course focuses on socialisation in sport and also addresses participants' issues and their influence and involvement in sport.

EDSP281-09S2 (C) **Semester 2**

EDSP 282 Sociology of Sport 1

12 points 0.1000 EFTS

This course examines and analyses a range of socio-cultural issues that influence the meaning of sport, sport participation, sport achievement and the coaching environment. In particular the course will examine and analyse aspects associating sport with politics, health, gender, race, nationalism, commercialisation, commodification of the body, social class, media, education and elitism. These analyses will use a range of sociological paradigms.

P: EDSP 180 at B grade or better.

EDSP282-09S2 (C) **Semester 2**

EDSP 283 Attitudes and Values in Sport

6 points 0.0500 EFTS

This course examines the power, meaning, social significance, moral and ethical base of sport and how it affects attitudes and values of the individual and contemporary society. In particular the course will examine, through use of a range of paradigms, the institutionalisation of sport and its moral and ethical base with an emphasis on its power and socio- cultural significance in terms of affecting individual and societal attitudes and values.

P: EDSP 180 at B grade or better

EDSP283-09S2 (C) **Semester 2**

EDSP 284 Bicultural Issues in Sport

6 points 0.0500 EFTS

This course considers New Zealand bicultural and treaty issues in sport as positioned within a dominant European ideology. Students will gain experience and understanding of Maori tikanga to function as sport coaches in a bicultural Aotearoa.

R: EDSP 671
EQ: EDSP 671

EDSP284-09S1 (C) **Semester 1**

EDSP 285 Athletes with Disabilities

12 points 0.1000 EFTS

This course examines learning and coaching theories and practices related to sport for athletes with disabilities.

P: EDSP 123 at B grade or better

EDSP285-09S1 (C) **Semester 1**

EDSP 303 Sport Physiology 2

12 points 0.1000 EFTS

This course uses the knowledge of how applied exercise physiology is used for the development of human performance and health-status. It investigates the influence of different environmental stresses on physiological response and adaptation to exercise.

P: EDSP 204 at B grade or better
R: EDSP 761
EQ: EDSP 761

EDSP303-09S1 (C) **Semester 1**

EDSP 304 Skill Analysis

12 points 0.1000 EFTS

This course utilises video and computer technology in the application of the principles of qualitative skill and game analysis and introduces basic principles of quantitative analysis.

P: EDSP 202 B grade or better
R: EDSP 760
EQ: EDSP 760

EDSP304-09S1 (C) **Semester 1**

EDSP 305 Exercise Prescription

6 points 0.0500 EFTS

This course investigates the role of a multi-disciplinary approach in the planning of long-term training programmes.

P: EDSP 204 at B grade or better

EDSP305-09S2 (C) **Semester 2**

EDSP 310 Sport Psychology 2

15 points 0.1250 EFTS

This course examines 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. Additionally, students will examine the social psychology influences of sport and exercise participation.

P: EDSP 280 at B grade or better
R: SP764
EQ: SP764

EDSP310-09W (C) **Whole Year (S1 and S2)**

EDSP 314 Sociology of Sport 2

15 points 0.1250 EFTS

This course builds on Sociology of Sport and Attitudes and Values in Sport courses. It will draw strongly on the critical and humanistic paradigms to examine the socio-cultural context of sport. In particular, the course examines how sport reflects and produces dominant ideologies of societ-

ies and will explore the changing face of sport with regard to 'popular culture'.

P: EDSP 282 and EDSP 283, B grades or better

EDSP314-09W (C) **Whole Year (S1 and S2)**

EDSP 320 Leadership, Power and Culture

6 points 0.0500 EFTS

This course examines leadership, power and culture when coaching athletes and managing sport clubs and organisations. It will explore and critique the relationship between these aspects and the role they play in influencing participant involvement in sport.

P: EDSP 223 at B grade or better

EDSP320-09S1 (C) **Semester 1**

EDSP 322 Coaching for the Future

6 points 0.0500 EFTS

This culminating pedagogy course conceptualises and contextualises contemporary coaching processes allowing students to engage in critical thinking to enable them to become advocates of change in sport for the future.

P: EDSP 224 and EDSP 225, B grades or better

EDSP322-09S2 (C) **Semester 2**

EDSP 323 Coaching and Learning 3

18 points 0.1500 EFTS

This course critically examines and applies sport coaching pedagogy (learning theories, preferences and instructional models) to the sport environment.

P: EDSP 225 at B grade or better

EDSP323-09W (C) **Whole Year (S1 and S2)**

EDSP 331 Practicum 3

12 points 0.1000 EFTS

Students are required to practise coaching in a sporting environment with guidance. This course builds on practicum 2 to further develop coaching and self-reflective analysis skills. This course also provides an opportunity for students to use critical thinking as a means to integrate the sport coaching principles and theories.

P: EDSP 230 or SP631 or SP632
C: EDSP 323
R: EDSP 730
EQ: EDSP 730

EDSP331-09W (C) **Whole Year (S1 and S2)**
EDSP331-09A (C) **Starts Anytime**

EDSP 340 Internship

18 points 0.1500 EFTS

This course provides a structured educational experience which is designed around students being actively engaged in a workplace environment. Students will implement a work plan and have an opportunity to put theory into practice.

P: EDSP 101, EDSP 102, EDSP 120, EDSP 122, EDSP 123, EDSP 130, EDSP 180, EDSP 201, EDSP 280, EDSP 281, EDSP 202, EDSP 203, EDSP 204, EDSP 223, EDSP 224, EDSP 225, EDSP 230, EDSP 282, EDSP 283, EDSP 284, EDSP 285

EDSP340-09T4 (C) **Term 4**

EDSP 372 Te Reo Me Nga Tikanga Maori - Waiariki

16 points 0.1333 EFTS

This is a compulsory course for those students completing the BTchLn through the Rotorua Regional Initiative. The course builds on the knowledge, skills and attitudes in Te Reo and Tikanga Maori developed at previous levels. While preparing students to teach in New Zealand schools, this course is designed to meet the special needs of both Maori and non-Maori students who wish to teach in the Rotorua region.

P: EDSP 261

EDSP372-09YD (R) **Full Year D**

EDSS 151 Social Studies Education 1

5 points 0.0417 EFTS

This is a 100 level compulsory BTchLn (Primary) course which focuses on the nature and content of social studies, and its relationship to Social Studies in the New Zealand Curriculum. Students are introduced to resources, activities and skills appropriate to social studies and which reflect current research. They are involved in planning, teaching and evaluating social studies lessons for a group of children.

EDSS151-09T3 (C) **Term 3**
EDSS151-09X (D) **Refer to website for dates**
EDSS151-09X (R) **Refer to website for dates**

EDSS 261 Social Studies Education 2

5 points 0.0417 EFTS

This is a 200 level compulsory BTchLn (Primary) course that focuses on approaches to teaching social studies. Content includes the inquiry, values, exploration and social decision making processes, assessment procedures and long-term planning in social studies. Students are involved in accessing a variety of community resources, using information technology where appropriate, and applying their understanding of the inquiry process to classroom teaching.

P: EDSS 151

EDSS261-09YD1 (R) **Full Year D First Half**
EDSS261-09YD1 (D) **Full Year D First Half**
EDSS261-09X (N) **Refer to website for dates**
EDSS261-09YD2 (C) **Full Year D Second Half**

EDSS 329 Senior Geography Years 11 - 13

12 points 0.1000 EFTS

This course is designed for those who wish to major in Social Studies and Geography or take geography as an additional teaching subject. The course provides an understanding of the aims and objectives of the geography syllabus and explores appropriate planning, teaching and assessment methods.

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

EDSS329-09X (C) **Refer to website for dates**
EDSS329-09YC (N) **Full Year C**
EDSS329-09YC (R) **Full Year C**
EDSS329-09YC2 (C) **Full Year C Second Half**
EDSS329-10X (C) **Refer to website for dates**

EDSS 330 Senior History Years 11 - 13

12 points 0.1000 EFTS

This course is designed for those who wish to major in Social Studies and History or take history as an additional teaching subject. The course provides an understanding of the aims and objectives of the history syllabus and explores appropriate planning, teaching and assessment methods

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

EDSS330-09X (C)	**Refer to website for dates**
EDSS330-09YC (N)	**Full Year C**
EDSS330-09YC (R)	**Full Year C**
EDSS330-09YC2 (C)	**Full Year C Second Half**
EDSS330-10X (C)	**Refer to website for dates**

EDSS 333 Classical Studies Years 11 - 13

12 points 0.1000 EFTS

This course is designed for those who wish to major in Social Studies and Classical Studies or take classical studies as an additional teaching subject. It provides an understanding of the aims and objectives of classical studies derived from national qualifications guidelines and explores appropriate planning, teaching and assessment methods

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

EDSS333-09X (C)	**Refer to website for dates**
EDSS333-10X (C)	**Refer to website for dates**

EDSS 335 Social Studies Teaching Years 7 - 13

12 points 0.1000 EFTS

This is a course for those wishing to take social studies as an additional teaching subject. It is also the core compulsory course for those wishing to take a social science major. The course provides an understanding of the aims, objectives, content and skills of the social studies curriculum at Years 7-13, develops appropriate planning, teaching and assessment methods

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

EDSS335-09X (C)	**Refer to website for dates**
EDSS335-09YC (N)	**Full Year C**
EDSS335-09X (R)	**Refer to website for dates**
EDSS335-09YC2 (C)	**Full Year C Second Half**
EDSS335-10X (C)	**Refer to website for dates**

EDSS 371 Contemporary Issues in Social Studies

8 points 0.0667 EFTS

Within this 300 level optional course, students are prepared for teaching social studies by developing greater understanding of contemporary issues in the social studies curriculum and their implications for teaching and learning. This course involves students in reading, researching and critically reflecting on the practical implications on such issues. Cooperative Learning is chosen to illustrate a current approach to addressing inclusive issues in the social studies curriculum.

P: EDSS 261

EDSS371-09YD2 (D)	**Full Year D Second Half**

EDSS 372 Developing Children's Concepts in Social Studies

8 points 0.0667 EFTS

This is a 300 level optional course that focuses on the development of children's social studies concepts, using schema theory. Students examine the social studies concepts and are introduced to concept based planning. Students are involved in working with children to investigate their social studies concepts, identify their needs and develop relevant programmes. Bicultural and multicultural perspectives are explored. Varied teaching strategies are also explored including a focus on the three social studies processes.

P: EDSS 261

EDSS372-09T4 (C)	**Term 4**

EDSS 373 Integrating Environmental Education Across the Curriculum

8 points 0.0667 EFTS

This is a 300 level optional BTchLn course that builds on the concepts and philosophies of environmental education which have been introduced in 200 level compulsory social studies and health curriculum studies. The course examines effective teaching and learning strategies for integrating environmental education across the curriculum. The concept of personal responsibility for action is explored in depth. Experiential learning is also a focus in this course.

P: EDSS 261 and EDHL 261

EDSS373-09T2 (C)	**Term 2**

EDTE 151 Introduction to Technology

5 points 0.0417 EFTS

This is a compulsory BTchLn (Primary) course designed to provide an introduction to technology education for all 100 level BTchLn students. The course includes theoretical understanding of technology education as well as practical applications.

EDTE151-09X (N)	**Refer to website for dates**
EDTE151-09YD2 (C)	**Full Year D Second Half**
EDTE151-09YD2 (D)	**Full Year D Second Half**
EDTE151-09YD2 (R)	**Full Year D Second Half**

EDTE 232 The Nature of Technology Education

6 points 0.0500 EFTS

Not Offered in 2009

This course is designed to provide an introduction to Technology Education as an essential learning area of the New Zealand Curriculum Framework. Students will become familiar with the technological areas, context aims, strands and achievement objectives of the curriculum document and develop the skills and confidence to implement technology activities in the classroom.

EDTE 261 Experiencing Technology

5 points 0.0417 EFTS

This is a compulsory BTchLn (Primary) course that develops experience and knowledge in technological areas and practice for all BTchLn students. Students are given an opportunity to explore the nature of technological practice

that will further develop their theoretical understanding of technological knowledge and expand their ability to apply practical learning experiences within specific technological areas.

P: EDTE 151

EDTE261-09YD1 (D)	**Full Year D First Half**
EDTE261-09T2 (C)	**Term 2**
EDTE261-09T2 (N)	**Term 2**
EDTE261-09YD2 (R)	**Full Year D Second Half**

EDTE 308 Technology Curriculum Studies

12 points 0.1000 EFTS

Not Offered in 2009

This course is the foundation or 'core' course for pre-service Technology teachers. It is designed to develop an understanding of the requirements of the Technology Curriculum and explores the holistic nature of learning and integrated teaching approaches in technology. The course reflects the importance of practical work in technology education.

P: Level 2 University qualification or equivalent in a related subject area to the 7 technological areas of the Technology curriculum.
C: A minimum of 8 credits in a complimentary teaching area.

EDTE 310 Introduction to Technology Education

12 points 0.1000 EFTS

This course is designed for students who want technology education as a major or minor teaching subject. The course looks at the philosophical and historical underpinnings of technology education in the 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 their specialist areas.

P: 200 level course (Level 6 of NZQF) or a relevant trade equivalent qualification
R: EDTE 308

EDTE310-09YC1 (C)	**Full Year C First Half**
EDTE310-10X (C)	**Refer to website for dates**

EDTE 311 Advanced Studies in Technology Education

12 points 0.1000 EFTS

This course is compulsory for students undertaking technology as a major teaching study. This course will extend student teachers' thinking about the nature of technology education and technological literacy. They will be equipped to plan and implement quality programmes of work in secondary education Years 11-13, with a clear understanding of the assessment practices and principles in the senior secondary school. They will participate in and communicate their technological practice within their chosen area of specialisation.

P: EDTE 310
R: EDTE 308

EDTE311-09YC2 (C)	**Full Year C Second Half**

EDTE 371 Developing a School Programme in Technology

8 points 0.0667 EFTS

This is a course designed to build on the basic capability and understanding of Technology gained in previous courses. The emphasis is on developing balanced technology programmes within schools. Students are involved in the organisation and management of practical activities which will then be related to school technology programmes.

P: EDTE 261

EDTE371-09YD2 (D)	**Full Year D Second Half**

EDTE 372 Technology in the Junior School (Years 1 - 4)

8 points 0.0667 EFTS

Not Offered in 2009

This course designed to build on the basic capability and understanding of technology gained in previous courses. The emphasis is on the planning and teaching of technology in the classroom for years 1 - 4. The course involves examining the scaffolding that is necessary to give children at the junior level the ability to learn about technology. It also addresses the effective assessment of technology learning at this level.

P: EDTE 261

EDTE 711 Technology Curriculum Studies

4 points 0.0333 EFTS

This course is designed to provide an introduction to Technology Education as an essential learning area of the New Zealand Curriculum Framework. Students will become familiar with the technological areas, context aims, strands and achievement objectives of the curriculum document and develop the knowledge, skills and confidence to design, teach and evaluate learning experiences for primary children in technology.

EDTE711-09X (C)	**Refer to website for dates**
EDTE711-09YD2 (C)	**Full Year D Second Half**
EDTE711-09YD2 (D)	**Full Year D Second Half**
EDTE711-10X (C)	**Refer to website for dates**

EDTL 509 Living and Learning in an English Speaking Environment

18 points 0.1500 EFTS

Not Offered in 2009

This course is intended for people who wish to assist new immigrants in their resettlement in New Zealand. Their work would be more effective if they have some knowledge of the new settlers' culture and language background, their emotional, social and educational needs as well as more academic understanding of the English language.

EDTL 510 An Introduction to Teaching English to New Immigrants

18 points 0.1500 EFTS

Not Offered in 2009

This course is designed to follow in from EDTL509 Living and Learning in an English Speaking Environment. It aims

at enabling support persons develop and adapt materials to meet the language and learning needs of the new learners of English.

EDTL 601 An Introduction to Second Language Teaching Methodology

18 points 0.1500 EFTS

This course is a base-level course for primary or secondary teachers of any "second" language: English, Te Reo Maori, Pasifika, international or community language(s). It aims to introduce teachers to key ideas about how languages are learned; key concepts in instructed second language acquisition; a range of methods and approaches, with a focus on communicative approaches.

EDTL601-09S2 (C) **Semester 2**

EDTL 625 Visual Art Education for Teachers

18 points 0.1500 EFTS

Not Offered in 2009

This course explores the content and implementation of the Art Education syllabus and the New Zealand Curriculum Framework documents at the primary school level.

EDTL 637 Drama for Teachers

18 points 0.1500 EFTS

Not Offered in 2009

Practising teachers are given a wide understanding of drama methods and greater confidence in using drama skills.

EDTL 638 Legal Issues in Early Childhood Education

18 points 0.1500 EFTS

This course, for early childhood professionals, examines parliamentary and legislative processes in Aotearoa/New Zealand and the legislation which affects practice in an early childhood setting. Aspects of Te Tiriti o Waitangi are taken into account as they relate to this education sector.

EDTL638-09S1 (D) **Semester 1**

EDTL 641 Montessori Early Childhood Education: Core Curriculum

18 points 0.1500 EFTS

Not Offered in 2009

This course delves more deeply into Montessori theory with a focus on language and mathematics.

EDTL 642 Montessori Early Childhood Education: Environmental Studies

18 points 0.1500 EFTS

Not Offered in 2009

Following on from the Schedule B paper: Montessori Early Childhood Education: Core Curriculum, this course is designed to provide further study of Montessori Early Childhood Education, especially in the areas of Environmental Studies in order to widen children's knowledge of their environment and the wider world.

EDTL 645 Conflict Management: Negotiation/Mediation/ Facilitation Skills for Educators

18 points 0.1500 EFTS

Not Offered in 2009

Course members examine their own values and styles regarding the handling of conflict.

EDTL 646 Early Childhood Professionals Working with Families/Whanau and the Community

18 points 0.1500 EFTS

This course examines the importance of the relationship between a child's family/whanau and early childhood professionals and the issues related to this relationship. It recognises the role of the early childhood professional within the wider context of the community.

EDTL646-09S2 (D) **Semester 2**

EDTL 650 Introduction to Montessori Early Childhood Education

18 points 0.1500 EFTS

Not Offered in 2009

An introduction to the Montessori method of education as it applies to early childhood.

EDTL 657 Reclaiming Challenging Students: Beyond a Curriculum of Control

18 points 0.1500 EFTS

Not Offered in 2009

This course is structured around the Native American empowerment values of Belonging, Mastery, Independence and Generosity validated in emerging research in child development and prevention theory.

EDTL 658 Early Childhood Programming and Curriculum

18 points 0.1500 EFTS

Not Offered in 2009

This course includes an examination of philosophy and considers the principles, aims and goals of Te Whaariki and relates these to Early Childhood programming.

EDTL 663 Music in the Classroom for the "Non Musical Teacher"

18 points 0.1500 EFTS

Not Offered in 2009

This course develops skills and understandings to enable a "non musical teacher" to teach music in the classroom/ centre. It includes the study of creativity, unit planning, singing, instrumental music and listening, with a focus on Years 1 - 8. It also identifies learning strategies for pupils with special needs.

EDTL 667 Te Reo Rangatira me nga Tikanga Whakaaro Maori

18 points 0.1500 EFTS

Not Offered in 2009

This course is designed for early childhood professionals who wish to develop a knowledge of Maori language and culture for use in an early childhood centre. Te Reo Rangatira concentrates on pronunciation, vocabulary, comprehension and conversation. Tikanga Whakaaro Maori explores Maori constructs pertaining to Te Whaariki from an ecological approach.

EDTL 668 Professional Development for Returning Primary School Teachers

18 points 0.1500 EFTS

Not Offered in 2009

This course is aimed at those undertaking refresher courses in primary school curriculum. Provides updating revision, review and new skills for re-entering the classroom.

EDTL 678 Multicultural Awareness in Primary and Secondary Classrooms

18 points 0.1500 EFTS

Not Offered in 2009

This course investigates and analyses the role of culture in the teaching and learning process and seeks to inculcate knowledge and skills for coping with the multicultural classroom.

EDTL 701 Teaching Children with Literacy Difficulties

18 points 0.1500 EFTS

Not Offered in 2009

An examination in depth of how children learn to read with emphasis on teachers developing competence with diagnostic monitoring, assessment and evaluation procedures and teaching strategies.

EDTL 703 Social Studies Curriculum Leadership

18 points 0.1500 EFTS

Not Offered in 2009

This course is designed to provide opportunities for teachers to develop the background knowledge and skills to enable them to carry out the duties of curriculum leader in social studies.

EDTL 706 Physical Education Specialist in the Primary School

18 points 0.1500 EFTS

Not Offered in 2009

This course provides direction for Physical Education specialist teachers in the leadership of planning and implementing quality physical education programmes throughout the primary school. It is designed to extend the quality of teaching and learning in, through and about physical education in the primary school. Underpinned by the conceptual framework of the current curriculum the course involves critiquing philosophical perspectives of physical education and reflection on the social and educative benefits of physical activity for children.

EDTL 707 Emotional Intelligence in the Classroom

18 points 0.1500 EFTS

Not Offered in 2009

This course is designed to build on the theory of emotional intelligence and encourage teachers to make use of its understandings in their classrooms.

EDTL 708 Managing Challenging Children

18 points 0.1500 EFTS

Not Offered in 2009

This course looks at the various alternatives in dealing with challenging children in the classroom context.

EDTL 709 Perceptual Motor Programmes for Children

18 points 0.1500 EFTS

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.

EDTL709-09X (C) **Refer to website for dates**

EDTL 711 Innovation in Teaching and Learning

18 points 0.1500 EFTS

Not Offered in 2009

This course seeks to encourage and support teachers to develop, implement and evaluate innovative approaches to teaching and learning in their classrooms.

EDTL 713 Teacher as Skilled Helper

18 points 0.1500 EFTS

This course is based on a 3-stage model that has been shown to be useful in helping people solve problems and develop opportunities. The goals of the course are to coach course participants in the skills they need to help children and others to manage their problems more effectively and develop unused opportunities more fully. There is an emphasis on empowerment, on helping human beings become better at helping themselves in their everyday lives.

EDTL713-09X (N) **Refer to website for dates**

EDTL 717 Classroom Based Research for Teachers

18 points 0.1500 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.

EDTL717-09S1 (D) **Semester 1**
EDTL717-09S2 (D) **Semester 2**

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.

EDTL718-09S1 (C) **Semester 1**
EDTL718-09S1 (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

EDTL719-09S1 (C) **Semester 1**
EDTL719-09S1 (D) **Semester 1**

EDTL 720 An Introduction to Middle Management

18 points 0.1500 EFTS

Not Offered in 2009

This course provides middle managers in primary and secondary schools with an opportunity for professional development and training in their management role.

EDTL 722 Language and Communication in Early Childhood Education

18 points 0.1500 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.

EDTL722-09S2 (D) **Semester 2**

EDTL 723 Curriculum Leadership

18 points 0.1500 EFTS

Not Offered in 2009

A course which examines the theory and practice relating to curriculum leadership in schools.

EDTL 725 The Middle School- Issues of Change and Development

18 points 0.1500 EFTS

An examination of issues of curriculum for emerging adolescents.

EDTL725-09S2 (D) **Semester 2**

EDTL 727 Leadership in Technology Education

18 points 0.1500 EFTS

Not Offered in 2009

This course explores the content and implementation of the Technology Education curriculum across both primary and secondary schools.

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.

EDTL732-09S2 (C) **Semester 2**
EDTL732-09S2 (D) **Semester 2**

EDTL 736 Special Education Teaching Strategies

18 points 0.1500 EFTS

Not Offered in 2009

This course examines range of teaching methodology for children with special needs.

EDTL 739 Montessori Early Childhood Education, The Arts, Management, Research

18 points 0.1500 EFTS

Not Offered in 2009

An optional course designed to complete the study of Montessori Early Childhood Education following courses EDTL641 Montessori E.C.E.: Core Curriculum, EDTL642 Montessori E.C.E.: Environmental Studies, and EDTL650 Introduction to Montessori E.C.E.

EDTL 740 Multiple Intelligences in the Classroom

18 points 0.1500 EFTS

This course draws on the work of Gardner et al and examines theories and research of multiple intelligences and their implications for classroom practice in teaching the eight essential skills and the seven key learning areas of the New Zealand Curriculum.

EDTL740-09S1 (D) **Semester 1**
EDTL740-09S2 (D) **Semester 2**

EDTL 741 Sport Education in the Primary School

18 points 0.1500 EFTS

Not Offered in 2009

This course will investigate the role of sport in the primary school curriculum, as it relates to the aims and objectives of physical education syllabus, draft Health and Physical Education Curriculum Statement and the New Zealand Curriculum Framework.

EDTL 742 Supervising Teachers and Student Teachers

18 points 0.1500 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.

EDTL742-09S1 (D) **Semester 1**
EDTL742-09S2 (D) **Semester 2**

EDTL 743 Theatre in Schools Practicum

18 points 0.1500 EFTS

Not Offered in 2009

This course is designed to give practising teachers who have shown a particular interest in using drama methods in the classroom and who wish to devise, write and produce a class or school performance, the opportunity to gain the skill to enable them to do this and to put these skills into practical format for assessment.

EDTL 744 Health Education for Years 1-8

18 points 0.1500 EFTS

Not Offered in 2009

An advanced education course which examines issues for health teachers in primary and intermediate schools. A strong emphasis is placed on the 'health promoting schools' concept.

EDTL 745 Transition to School from Early Childhood

18 points 0.1500 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.

EDTL745-09S2 (D) **Semester 2**

EDTL 746 Investigating Issues in Curriculum

18 points 0.1500 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.

EDTL746-09S1 (D) **Semester 1**
EDTL746-09X (C) **Refer to website for dates**
EDTL746-09S2 (D) **Semester 2**

EDTL 747 Studies in Teaching and Learning Theory

18 points 0.1500 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 chosen theory or principle is undertaken by participants in relation to their own practice.

EDTL747-09S1 (D) **Semester 1**
EDTL747-09S2 (C) **Semester 2**
EDTL747-09S2 (D) **Semester 2**

EDTL 751 Guiding Young Children's Behaviour: A positive approach

18 points 0.1500 EFTS

This course examines the principles of positively guiding the behaviour of infants, toddlers, and young children.

EDTL751-09S1 (D) **Semester 1**

EDTL 752 Designing Environments for Children

18 points 0.1500 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.

EDTL752-09S1 (D) **Semester 1**

EDTL 753 Operational Management in Early Childhood Education

18 points 0.1500 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.

EDTL753-09S1 (D) **Semester 1**

EDTL 754 Professional Guidance and Leadership in Early Childhood Education

18 points 0.1500 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.

EDTL754-09S1 (D) **Semester 1**
EDTL754-09S2 (D) **Semester 2**

EDTL 756 Science Teaching for Interest and Understanding

18 points 0.1500 EFTS

Not Offered in 2009

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

18 points 0.1500 EFTS

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.

EDTL760-09S1 (D) **Semester 1**

EDTL 762 Developing Thinking Skills in the Classroom

18 points 0.1500 EFTS

Not Offered in 2009

This course aims to develop thinking skills, sharpen perception and make learning more deliberate, more structured, more organised, and more effective. It will explore research into the effect that the teaching of specific thinking tools has on the quality of pupils' thinking and the effect that the teaching of thinking skills has on the quality of a teacher's work. Course participants will work with Glasser's concept "teaching for success" and the ways in which sharpening of thinking skills allows pupils to experience self-efficacy.

EDTL 765 Communication Assessment, Strategies and Systems

18 points 0.1500 EFTS

Not Offered in 2009

This course examines effective methods of communication and how it may be assessed and systematised.

EDTL 766 Teaching Through Storytelling

18 points 0.1500 EFTS

Not Offered in 2009

This course is for any teacher who wishes to use storytelling to enhance their programmes. It is a springboard for teachers wanting to explore the possibilities of using stories in teaching and for those already using storytelling, to increase their repertoire. It is also an opportunity to discuss ways of teaching children to tell their own stories.

EDTL 768 Academic Literacy for Tertiary Study

18 points 0.1500 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.

EDTL768-09S1 (D) **Semester 1**

EDTL768-09S2 (D) **Semester 2**

EDTL 770 Classroom Strategies for Managing Behaviour and Learning (IEPs and Group Learning)

18 points 0.1500 EFTS

This course is designed to give classroom teachers greater confidence and the ability to provide leadership skills, in managing the behaviour and learning of all students. The focus is on students who are requiring some adaptation to either curriculum or teaching delivery, in order for them to become successful learners within an inclusive setting.

EDTL770-09S1 (D) **Semester 1**

EDTL 776 Autism Spectrum Disorders

18 points 0.1500 EFTS

Not Offered in 2009

An explanation of the features of definitions, causes and the assessment criteria of Autism Spectrum Disorders and the relationship with other pervasive developmental disorders and communication disorders.

EDTL 777 Developmental Disabilities

18 points 0.1500 EFTS

Not Offered in 2009

This course describes the definitions and assessment criteria causes and implications for developmental disabilities.

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 EDTL 732

EDTL778-09S2 (D) **Semester 2**

EDTL778-09X (C) **Refer to website for dates**

EDTL 781 Extending Visual Art Education Programmes (Levels 1-4)

18 points 0.1500 EFTS

Not Offered in 2009

Teachers will be able to increase skills, broaden knowledge and conduct an action-research project in visual arts practice.

EDTL 785 Extending Classroom Practice: A process approach

18 points 0.1500 EFTS

Not Offered in 2009

The skills of classroom management related to recent research and writings on student discipline, teaching and motivation.

EDTL 786 Resource Teacher of Physical Education in the Primary School

18 points 0.1500 EFTS

Not Offered in 2009

The development and oversight of appropriate programmes for all levels of the primary school within the Health and Physical Education Curriculum.

EDTL 787 TESOL in the Secondary School

18 points 0.1500 EFTS

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

EDTL787-09S2 (D) **Semester 2**

EDTL 788 Teaching Drama and Dance in the Primary School

18 points 0.1500 EFTS

Not Offered in 2009

This course explores the dynamic process of action and reflection, uniting theory and practice of Drama and Dance in The Arts in the New Zealand Curriculum.

EDTL 789 Music is Child's Play, 0-8 years

18 points 0.1500 EFTS

This course provides participants with theoretical and practical knowledge and understanding of how to use music to support all learning in the Early Childhood setting and the level one junior classroom.

EDTL789-09X (C) **Refer to website for dates**

EDTL 790 Riding the Storm: resolving discipline problems

18 points 0.1500 EFTS

Not Offered in 2009

A course for experienced teachers wishing to improve their skill level in improving classroom relationships and guiding groups throughout the 'storming' phase of Tuckman's classical 'forming, storming, norming, performing' stages of the group process.

EDTL 791 Motivating the Unmotivated: a cognitive approach

18 points 0.1500 EFTS

Not Offered in 2009

A course for experienced teachers wishing to improve their skill levels for activating the inner resources of motivationally empty students. Practical research-supported methods for stimulating students' intrinsic curiosity and desire to learn.

EDTL 792 EQ: Fostering Social and Emotional Intelligence in Learning Environments

18 points 0.1500 EFTS

Not Offered in 2009

This course provides educators with theoretical backgrounds of the construct of emotional intelligences and an experiential understanding of its principles and practices.

EDTL 793 How Adults Learn: Implications for working with other teachers

18 points 0.1500 EFTS

Not Offered in 2009

This course introduces adult learning principles, with particular emphasis on implications for working with other teachers, and the development of self through interaction with significant others.

EDTL 794 Educating Boys

18 points 0.1500 EFTS

Not Offered in 2009

This course will examine in depth the specific issues related to the education of boys in primary and secondary school.

EDTL 795 Issues in the Education of the Gifted Learner

18 points 0.1500 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.

EDTL795-09S1 (D) **Semester 1**

EDTL 796 Strategies for Teaching and Learning in Gifted Education

18 points 0.1500 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 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 HA577, or with the approval of the Head of School.

EDTL796-09S2 (D) **Semester 2**

EDTL 797 Using the Musical Intelligence to teach the NZ Curriculum

18 points 0.1500 EFTS

This course aims to provide participants with the practical and theoretical knowledge to support learning through music in the Early Childhood and Primary classroom bi-cultural environment. It is suitable for teachers who lack confidence and skill in this area and enables members to confidently implement music programmes to develop children's learning. Weekend workshops provide practical

interactive sessions. On-line modules between workshops promote discussion of selected readings and pedogogy.

EDTL797-09X (C) **Refer to website for dates**

EDTL 798 Thinking Skills: the next stage

18 points 0.1500 EFTS

Not Offered in 2009

The intent of the course is to help teachers create a culture of thinking in their classroom and to develop higher level thinking and problem solving skills in pupils. Motivations, attitudes, values and habits of mind all play key roles in good thinking, and in large part it is these elements that determine whether pupils use their thinking skills when it counts. Having the ability to think is not sufficient. Without the disposition to use their cognitive skills pupils' learning will be adversely affected.

EDTL 802 Research Project

30 points 0.2500 EFTS

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 EDTL904 Research Dissertation or EDTL905 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, EDTL802 is a compulsory course. This course is also available through flexible mode.

EDTL802-09A (D) **Starts Anytime**

EDTL 835 Issues in Numeracy

30 points 0.2500 EFTS

Not Offered in 2009

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.

EDTL 904 A Dissertation on an Aspect of Teaching and Learning

90 points 0.7500 EFTS

This dissertation is designed to give MTchLn students the opportunity to conduct a substantial piece of educational research, building on knowledge and skills gained in course EDTL801 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.

R: EDEM 690, EDTL 905

EDTL904-09A (D) **Starts Anytime**

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 EDTL801 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.

R: EDEM 691, EDTL 904

EDTL905-09A (D) **Starts Anytime**

EDTP 102 Teaching Practice 1

10 points 0.0833 EFTS

Not Offered in 2009

This teaching practice provides the first school based experience to students. It focuses on structured observation and practice of teachers and learners in primary and intermediate school contexts.

P: EDPS 101

EDTP 106 Centre-Based Practicum - Year 1

15 points 0.1250 EFTS

This is a 100 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

C: EDPS 154

EDTP106-09YA (T) **Full Year A**

EDTP106-09YA (Y) **Full Year A**

EDTP 107 Year 1 Teaching Practice 1

10 points 0.0833 EFTS

This is a 100 level compulsory course that focuses on the practical application of the theoretical knowledge gained in College courses and is closely linked to Professional Studies 1. 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.

C: EDPS 154

EDTP107-09A (T) **Starts Anytime**

EDTP107-09A (Y) **Starts Anytime**

EDTP107-09X (T) **Refer to website for dates**

EDTP107-09X (Y) **Refer to website for dates**

EDTP 108 Year 1 Teaching Practice 2

15 points 0.1250 EFTS

This is a 100 level compulsory course that focuses on the practical application of the theoretical knowledge gained in College courses and is closely linked to Professional Studies 1. 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 107
C: EDPS 154

EDTP108-09A (T)	**Starts Anytime**
EDTP108-09A (Y)	**Starts Anytime**
EDTP108-09X (T)	**Refer to website for dates**
EDTP108-09X (Y)	**Refer to website for dates**

EDTP 110 Teaching Practice 1

8 points 0.0667 EFTS

This teaching practice provides the first school based experience to students. It focuses on structured observation and practice of teachers and learners in primary and intermediate school contexts.

P: EDPS 101 and EDPE 161

EDTP110-09T3 (C)	**Term 3**

EDTP 156 Professional Practice 1

15 points 0.1250 EFTS

This is a 100 level compulsory course which focuses on integrating and applying the theoretical knowledge of BTchLn courses in early childhood centres. The course provides students with opportunities to achieve all the year 1 competencies and professional qualities. The course is closely linked to Professional Studies 1. Associate teachers assist the College to assess students' developing competence as teachers.

C: EDMI 145 and EDPS 154

EDTP156-09T2 (C)	**Term 2**
EDTP156-09T2 (D)	**Term 2**
EDTP156-09T4 (C)	**Term 4**
EDTP156-09T4 (D)	**Term 4**

EDTP 202 Teaching Practice 2

10 points 0.0833 EFTS

Not Offered in 2009

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.

EDTP 203 Teaching Practice 2

8 points 0.0667 EFTS

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.

P: EDPE 261 and EDPS 201

EDTP203-09X (C)	**Refer to website for dates**

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

EDTP212-09YA (T)	**Full Year A**
EDTP212-09YA (C)	**Full Year A**
EDTP212-09YA (Y)	**Full Year A**

EDTP 213 Year 2 Teaching Practice 1

10 points 0.0833 EFTS

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

EDTP213-09A (C)	**Starts Anytime**
EDTP213-09A (T)	**Starts Anytime**
EDTP213-09A (Y)	**Starts Anytime**
EDTP213-09X (C)	**Refer to website for dates**
EDTP213-09X (T)	**Refer to website for dates**
EDTP213-09X (Y)	**Refer to website for dates**

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

EDTP214-09A (C)	**Starts Anytime**
EDTP214-09A (T)	**Starts Anytime**
EDTP214-09A (Y)	**Starts Anytime**
EDTP214-09T1 (C)	**Term 1**
EDTP214-09T1 (T)	**Term 1**
EDTP214-09T1 (Y)	**Term 1**
EDTP214-09T3 (C)	**Term 3**
EDTP214-09T3 (T)	**Term 3**
EDTP214-09T3 (Y)	**Term 3**

EDTP 263 Professional Practice 2

15 points 0.1250 EFTS

This is a 200 level compulsory course which focuses on integrating and applying the theoretical knowledge of BTchLn courses in early childhood centres. The 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.

EDTP263-09A (C)	**Starts Anytime**
EDTP263-09A (D)	**Starts Anytime**
EDTP263-09T2 (C)	**Term 2**
EDTP263-09T2 (D)	**Term 2**
EDTP263-09T3 (C)	**Term 3**
EDTP263-09T3 (D)	**Term 3**

EDTP 264 Professional Practice 3

15 points 0.1250 EFTS

This is a 200 level compulsory course which focuses on integrating and applying the theoretical knowledge of BTchLn courses in early childhood centres. The course provides students with opportunities to achieve all the 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: EDTP 263

C: EDMI 254 and EDPS 264

EDTP264-09A (C)	**Starts Anytime**
EDTP264-09A (D)	**Starts Anytime**
EDTP264-09T1 (D)	**Term 1**
EDTP264-09T1 (C)	**Term 1**
EDTP264-09T3 (C)	**Term 3**
EDTP264-09T3 (D)	**Term 3**

EDTP 302 Teaching Practice 3

10 points 0.0833 EFTS

This course provides the Year 3 intensive school based teaching practice experience. It provides the essential framework for the demonstration and further development of the skills and knowledge gained through College courses leading up to this teaching experience, as well as the opportunity to form links between their content knowledge and the secondary school setting.

P: EDPE 361 and EDPS 301

EDTP302-09T2 (C)	**Term 2**
EDTP302-09X (C)	**Refer to website for dates**

EDTP 304 Teaching Practice 2

15 points 0.1250 EFTS

Not Offered in 2009

This course extends the expectations of EDTP303 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 2009

This course extends the expectations of TP304 or EDTP304 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 306 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: EDPS 305

EDTP306-09T1 (C)	**Term 1**
EDTP306-09X (N)	**Refer to website for dates**
EDTP306-09X (R)	**Refer to website for dates**
EDTP306-09T3 (C)	**Term 3**
EDTP306-09T3 (N)	**Term 3**
EDTP306-09T3 (R)	**Term 3**

EDTP 307 Teaching Practice 2

25 points 0.2083 EFTS

This course extends the expectations of EDTP306 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.

C: EDPS 305

EDTP307-09X (C)	**Refer to website for dates**
EDTP307-09T1 (C)	**Term 1**
EDTP307-09T1 (N)	**Term 1**
EDTP307-09T1 (R)	**Term 1**
EDTP307-09T3 (C)	**Term 3**
EDTP307-09T3 (N)	**Term 3**
EDTP307-09T3 (R)	**Term 3**
EDTP307-10X (C)	**Refer to website for dates**

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

EDTP315-09A (C)	**Starts Anytime**
EDTP315-09A (T)	**Starts Anytime**
EDTP315-09A (Y)	**Starts Anytime**
EDTP315-09X (T)	**Refer to website for dates**
EDTP315-09X (Y)	**Refer to website for dates**
EDTP315-09X (C)	**Refer to website for dates**
EDTP315-09T3 (C)	**Term 3**
EDTP315-09T3 (Y)	**Term 3**
EDTP315-09T3 (T)	**Term 3**

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

EDTP316-09YA (C)	**Full Year A**
EDTP316-09YA (Y)	**Full Year A**
EDTP316-09YA (T)	**Full Year A**
EDTP316-09X (C)	**Refer to website for dates**
EDTP316-09X (T)	**Refer to website for dates**
EDTP316-09X (Y)	**Refer to website for dates**

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

EDTP317-09A (C)	**Starts Anytime**
EDTP317-09A (T)	**Starts Anytime**
EDTP317-09A (Y)	**Starts Anytime**
EDTP317-09X (C)	**Refer to website for dates**
EDTP317-09X (T)	**Refer to website for dates**
EDTP317-09X (Y)	**Refer to website for dates**
EDTP317-09T1 (C)	**Term 1**
EDTP317-09T1 (Y)	**Term 1**
EDTP317-09T1 (T)	**Term 1**
EDTP317-09T3 (C)	**Term 3**
EDTP317-09T3 (T)	**Term 3**
EDTP317-09T3 (Y)	**Term 3**
EDTP317-10X (C)	**Refer to website for dates**
EDTP317-10X (T)	**Refer to website for dates**
EDTP317-10X (Y)	**Refer to website for dates**
EDTP317-10T1 (C)	**Term 1**
EDTP317-10T1 (Y)	**Term 1**
EDTP317-10T1 (T)	**Term 1**

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

EDTP330-09T1 (C)	**Term 1**

EDTP 331 Teaching Practice 5

24 points 0.2000 EFTS

This course extends the expectations of EDTP330 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

EDTP331-09X (C) **Refer to website for dates**

EDTP 373 Professional Practice 4

15 points 0.1250 EFTS

This is a 300 level compulsory course which focuses on integrating and applying the theoretical knowledge of BTchLn courses in early childhood centre settings, and provides the opportunity for knowledge to be applied in a holistic way. The course is closely linked to Professional Studies 3. Associate teachers assist the College to assess students' developing competence as a teacher.

P: EDTP 264

C: EDMI 363 and EDPS 376

EDTP373-09A (C)	**Starts Anytime**
EDTP373-09A (D)	**Starts Anytime**
EDTP373-09T1 (D)	**Term 1**
EDTP373-09T1 (C)	**Term 1**
EDTP373-09T3 (D)	**Term 3**
EDTP373-09T3 (C)	**Term 3**

EDTP 374 Professional Practice 5

15 points 0.1250 EFTS

This is a 300 level compulsory course which focuses on integrating and applying the theoretical knowledge of courses in the BTchLn in early childhood centres. The course is closely linked to Professional Studies 3. Students will demonstrate effective self-management and the full range of professional qualities and competencies necessary in a beginning early childhood teacher.

P: EDTP 373

C: EDMI 363 and EDPS 376

EDTP374-09A (C)	**Starts Anytime**
EDTP374-09A (D)	**Starts Anytime**
EDTP374-09X (D)	**Refer to website for dates**
EDTP374-09X (C)	**Refer to website for dates**
EDTP374-09T1 (D)	**Term 1**
EDTP374-09T3 (C)	**Term 3**
EDTP374-09T3 (D)	**Term 3**
EDTP374-10X (D)	**Refer to website for dates**
EDTP374-10X (C)	**Refer to website for dates**

EDTT 701 Teaching Meets Technology - Exploration

15 points 0.1250 EFTS

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.

EDTT701-09S2 (D) **Semester 2**

EDTT 702 Teaching Meets Technology - Experimentation

15 points 0.1250 EFTS

This course builds on the theme of Teaching meets Technology established in EDTT701.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.

EDTT702-09S2 (D) **Semester 2**

EDTT 703 Teaching Meets Technology - Implementation

15 points 0.1250 EFTS

Not Offered in 2009

This course builds on the proposal developed in EDTT701 and EDTT702. 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 2009

This course is a development of internship/investigation work begun in EDTT703 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 2009

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 801 Teaching meets Technology - Reading Research

15 points 0.1250 EFTS

Not Offered in 2009

EDTT801 is a compulsory course designed to familiarise participants with research methods, and involve them in developing a community of inquiry where participants engage in reflective praxis as they relate research theory to

e-education. The approach will be to critique methodology and identify research strategies and approaches by investigating published studies and thereby developing an appreciation and understanding of the building blocks of professional enquiry. Participants will identify an authentic research question in an area of interest in the e-teaching and/or support domain, and access and evaluate a related body of literature.

EDTT 802 Teaching meets Technology - Planning Research

15 points 0.1250 EFTS

Not Offered in 2009

This course is designed to familiarise participants with the e-education domain as they contribute to shared reviews of research literature relating to e-pedagogies, technologies, multimedia and educational design. Participants will identify, critique and present methodology and research strategies related to their experience and emerging area of expertise within e-education, and extend their appreciation and understanding of the role of professional enquiry. Participants will develop a research proposal based on a project of personal interest related to e-teaching and/or support.

EDTT 803 Teaching meets Technology - Research Project

30 points 0.2500 EFTS

Not Offered in 2009

This course is designed to give participants the opportunity to conduct a small-scale but rigorous research project related to e-teaching and support. Participants will build on the knowledge and skills gained in EDTT801 Teaching Meets Technology - Reading Research and EDTT802 Teaching Meets Technology - Planning Research, as well as the optional courses studied for the Diploma, to identify, plan, and conduct a research project. It is expected that the completed project will be suitable for dissemination via presentation and/or publication, thereby contributing to the e-education community and beyond.

EDTT 811 Practice-based Research in Online Communities

15 points 0.1250 EFTS

Not Offered in 2009

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.

EDTW 141 Education and the Treaty of Waitangi

2 points 0.0167 EFTS

This is a compulsory workshop that introduces students to examining the place of the education system in a Treaty-based New Zealand society. As a background to a better understanding of bi-cultural classroom practice students investigate: the history and content of the Treaty of Waitangi; subsequent historical and social developments in Aotearoa as they relate to the development of a bicultural society; the aspirations of Maori in terms of education in Aotearoa. The course involves active preparation, builds on students' existing knowledge, and encourages them to take ownership of, and responsibility for, their further learning.

EDTW141-09X (C) **Refer to website for dates**
EDTW141-09T3 (D) **Term 3**
EDTW141-09T3 (R) **Term 3**

EDUC 101 Learning

18 points 0.1500 EFTS

This course is a requirement for BA students majoring in Education and introduces the foundational concepts and processes of learning from three different perspectives within the field of education. Class sessions will involve lecture, discussion, videos and activities designed to distinguish major concepts and ideas.

EDUC101-09S1 (C) **Semester 1**
EDUC101-09S2 (C) **Semester 2**

EDUC 102 Child and Adolescent Development and Health

18 points 0.1500 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

EDUC102-09S1 (C) **Semester 1**
EDUC102-09S2 (C) **Semester 2**

EDUC 103 Social and Cultural Studies in Education

18 points 0.1500 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

EDUC103-09S1 (C) **Semester 1**
EDUC103-09S2 (C) **Semester 2**

EDUC 151 Learning Processes

5 points 0.0417 EFTS

This is a 100 level compulsory course for the BTchLn. It is the first of two courses on learning and the relationships between teaching and learning. This course introduces students to the concept of learning and how it occurs, to

the various kinds of learning which are possible, and to some of the important factors which affect learning.

R: EDUC 221

EDUC151-09X (C) **Refer to website for dates**
EDUC151-09X (D) **Refer to website for dates**
EDUC151-09X (R) **Refer to website for dates**

EDUC 152 Child Development

5 points 0.0417 EFTS

This is a 100 level compulsory course for the BTchLn which introduces students to selected theories and research on child development and their relevance to the diverse range of children within today's educational (early childhood and primary school) settings.

EDUC152-09X (R) **Refer to website for dates**
EDUC152-09X (D) **Refer to website for dates**
EDUC152-09X (C) **Refer to website for dates**

EDUC 156 Education and Society: New Zealand Perspectives

10 points 0.0833 EFTS

This is a 100 level compulsory course for the BTchLn in which students critically reflect upon the New Zealand education system (with particular reference to schools and early childhood settings) and undertake an examination of the social, political, economic and cultural contexts of education locally and globally.

EDUC156-09S1 (C) **Semester 1**
EDUC156-09S1 (D) **Semester 1**
EDUC156-09S1 (R) **Semester 1**

EDUC 202 One in Five: Different Developmental Pathways

22 points 0.1833 EFTS

One in five people will experience themselves, or have someone close to them experience, a disability or developmental challenge of some form during their lifespan. Students will deepen their understanding and foundational knowledge through examining contemporary and critical issues relating to infants, children and adolescents who follow a different developmental pathway, such as, those with antisocial behaviour, childhood depression and cerebral palsy. Events in the development of children with challenges will be considered as to their impact on outcomes.

P: EDUC 101 or EDUC 102 or EDUC 121, or by permission from the Head of School.

EDUC202-09S1 (C) **Semester 1**

EDUC 204 Promoting Child and Adolescent Wellbeing and Health

22 points 0.1833 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: EDUC 101, EDUC 102 or EDUC 121 or by permission from the Head of School.

EDUC204-09S2 (C) **Semester 2**

EDUC 205 Critical Issues in Adult Learning

22 points 0.1833 EFTS

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: EDUC 101 or EDUC 120 or EDUC 121 or by permission from the Head of School.

EDUC205-09S2 (C) **Semester 2**

EDUC 206 Studies in the Sociology of Education

22 points 0.1833 EFTS

Not Offered in 2009

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: EDUC 101 or EDUC 103 or EDUC 120 or by permission from the Head of School.

R: EDUC 220

EDUC 220 Education, Culture and Society

22 points 0.1833 EFTS

An examination of contemporary educational issues in New Zealand with particular reference to schooling and universities understood in an international context.

P: Any 18 points in Education, or any 54 points approved by the Head of School.

EDUC220-09S2 (C) **Semester 2**

EDUC 261 Teaching and Learning

5 points 0.0417 EFTS

This is a 200 level compulsory course for the BTchLn. It is the second of two courses on learning and the relationships between teaching and learning. It is designed to introduce students to research on teaching and its effects on children's learning. It will help students develop their own teaching skills and develop an understanding of how their teaching will affect children's learning. The course draws on a broad base of contemporary research knowledge to

provide a sound foundation for understanding teaching and learning.

EDUC261-09YD1 (D) **Full Year D First Half**
EDUC261-09YD1 (R) **Full Year D First Half**
EDUC261-09YD2 (C) **Full Year D Second Half**

EDUC 262 Educational Assessment

10 points 0.0833 EFTS

This is a 200 level compulsory course for the BTchLn that focuses on the essential elements of sound educational assessment and the requirements of educational assessment within the New Zealand Curriculum Framework and Te Whaariki. The course provides students with the opportunity to become familiar with, and evaluate, a range of assessment processes, resources and procedures, and to understand the political and theoretical contexts of contemporary assessment practices in Aotearoa New Zealand.

EDUC262-09YD1 (C) **Full Year D First Half**
EDUC262-09YD2 (D) **Full Year D Second Half**
EDUC262-09YD2 (R) **Full Year D Second Half**

EDUC 267 Inclusive Education

5 points 0.0417 EFTS

This is a 200 level compulsory course for the BTchLn. It is designed to introduce students to inclusive education through study of pertinent policy, theory, and pedagogy. The course draws on a broad base of contemporary research knowledge to provide a sound foundation for understanding inclusive teaching and learning. Through various kinds of experiences with inclusive ideas and strategies, students will actively engage in ways of thinking and implementing inclusive practices in regular, mainstream early childhood settings and primary classrooms.

EDUC267-09YD1 (D) **Full Year D First Half**
EDUC267-09YD1 (R) **Full Year D First Half**
EDUC267-09YD2 (C) **Full Year D Second Half**

EDUC 315 Inclusive Education

28 points 0.2333 EFTS

Institutional, classroom and individual practices that can support and/or hinder inclusion of all students. Particular focus on children with disabilities.

P: At least 22 points at 200 level or 28 points at 300 level in EDUC, or AMST 217, or any 44 points at 200 level in FMST, GEND, PSYC or SOCI.
R: EDUC 215 completed before 2000

EDUC315-09S2 (C) **Semester 2**

EDUC 330 Instructional Processes

28 points 0.2333 EFTS

The components of effective teaching practice, types of learning outcomes, the effects of teaching on learning, and the design of effective teaching procedures.

P: EDUC 211 or 22 points in 200 level Education or 44 points in 200 level Psychology.
R: EDUC 230

EDUC330-09W (C) **Whole Year (S1 and S2)**

EDUC 338 Guidance and Counselling in Schools: Strategies for Working with Pupils and Parents

28 points 0.2333 EFTS

This course focuses on how schools can meet the social and emotional needs of children by use of counselling and guidance strategies with pupils and their parents.

P: 22 points in either Education or Psychology at 200 level.
R: EDUC 336

EDUC338-09W (C) **Whole Year (S1 and S2)**

EDUC 339 Education and Globalisation

28 points 0.2333 EFTS

This course critically examines the effects of globalisation on education and socialisation.

P: 22 points in 200-level Education or any 66 points from subjects listed in the Schedule to the BA.

EDUC339-09S1 (C) **Semester 1**

EDUC 380 Issues in Curriculum

5 points 0.0417 EFTS

This 300 level compulsory course for the BTchLn provides an overview and critical understanding of the rationale behind the development of national curriculum policy. The course is designed to help student critically analyse curriculum documents within the New Zealand Curriculum Framework and Te Whaariki.

EDUC380-09T2 (D) **Term 2**
EDUC380-09T2 (R) **Term 2**
EDUC380-09X (C) **Refer to website for dates**

EDUC 384 Perspectives on Educational Research

10 points 0.0833 EFTS

This is a 300 level compulsory course for the BTchLn. The course is designed to stimulate an interest in educational research and to encourage students to develop a positive and reflective attitude towards research. During the course students will be exposed to, and think critically about, a range of approaches to educational research and research processes. Students will be encouraged to relate educational research to their teaching practice and to identify ways in which outcomes of research can inform practice and educational policy.

EDUC384-09T2 (C) **Term 2**
EDUC384-09YD2 (D) **Full Year D Second Half**
EDUC384-09YD2 (R) **Full Year D Second Half**

EDUC 402 Education and Social Class

30 points 0.2500 EFTS

Not Offered in 2009

International and New Zealand perspectives on issues of social class within education with a major focus on the role played by the professional middle class. (Offered even years only)

P: Subject to approval of the Head of School.
R: EDEM 644
EQ: EDEM 644

EDUC 403 Policy Studies in Education
30 points 0.2500 EFTS

Not Offered in 2009

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
30 points 0.2500 EFTS

This course looks at the nature, prevalence and causes of common childhood disorders and disabilities.

P: Subject to approval of the Head of School.
R: EDEM 661
EQ: EDEM 661

EDUC412-09W (C) **Whole Year (S1 and S2)**

EDUC 413 Genders and Sexualities in Education
30 points 0.2500 EFTS

An exploration of educational issues in the light of feminist theory and methodology. The course is feminist in content and approach. (Offered in odd numbered years only).

P: Subject to approval of the Head of School.
R: EDEM 646, GEND 402
EQ: EDEM 646, GEND 402

EDUC413-09W (C) **Whole Year (S1 and S2)**

EDUC 414 Philosophy of Education
30 points 0.2500 EFTS

This course provides an overview of major trends in philosophy of education from the 1960s to the present day. Particular emphasis will be placed on the relationship between epistemology, ethics and education. Students will have the opportunity to address the work of selected thinkers in critical detail, and will be encouraged to apply philosophical skills to practical educational problems.

P: Subject to the approval of the Head of School
R: EDEM 650
EQ: EDEM 650

EDUC414-09W (C) **Whole Year (S1 and S2)**

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
EQ: EDEM 662

EDUC416-09W (C) **Whole Year (S1 and S2)**

EDUC 417 Education and Development in the Pacific
30 points 0.2500 EFTS

Not Offered in 2009

This course analyses education in the Pacific region. It introduces students to theories of development and underdevelopment and discusses education in relation to notions of colonialism, neo-colonialism and nationalism. (This course is offered even numbered years only)

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 HOS.

P: Subject to approval of the Head of School.

EDUC418-09W (C) **Whole Year (S1 and S2)**

EDUC 419 Disability Studies in Education
30 points 0.2500 EFTS

Disability studies in education is concerned with the social phenomenon of disability as a social construct or creation. It concerns educational research, theory and practice as these produce disablement. The course examines educational policies and practices for their implications for inclusion and exclusion of disabled learners from all forms of education.

P: Subject to the approval of the Head of School
R: EDEM 621
EQ: EDEM 621

EDUC419-09W (C) **Whole Year (S1 and S2)**

EDUC 421 Introduction to Interventions
30 points 0.2500 EFTS

An overview of the effectiveness of the interventions and therapies commonly used in the treatment of various childhood disorders.

P: Subject to approval of the Head of School.
R: EDEM 663
EQ: EDEM 663

EDUC421-09W (C) **Whole Year (S1 and S2)**

EDUC 441 Psychology of Reading
30 points 0.2500 EFTS

Recent research and theories of reading and their application to working with children at risk of failure. The embeddedness of early reading beliefs and practices in the daily lives of children.

P: Subject to approval of the Head of School.
R: EDEM 612, EDUC 641
EQ: EDEM 612

EDUC441-09W (C) **Whole Year (S1 and S2)**

EDUC 459 Research Methods
30 points 0.2500 EFTS

This course provides theoretical foundations and practical experiences in a range of research methodologies. Issues

covered include the nature of educational research, ethics, research design, the selection of research participants, methods of data collection and analysis, and approaches to critical analyses of published research.

P: Subject to approval of the Head of School.
R: EDEM 682

EDUC459-09W (C) **Whole Year (S1 and S2)**

EDUC 460 Experimental Research Methods

30 points 0.2500 EFTS

A practical research methods course designed specifically for students who are intending to enrol for a research paper, dissertation, thesis or PhD in the area of learning or teaching.

P: Subject to approval of the Head of School.
R: EDEM 684

EDUC460-09W (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: EDEM 664
EQ: EDEM 664

EDUC461-09W (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 HOS to develop and individual plan.

P: Subject to approval of the Head of School.

EDUC480-09W (C) **Whole Year (S1 and S2)**

EDUC 501 Advanced Academic Development

30 points 0.2500 EFTS

Not Offered in 2009

Further academic study, approved by the Head of Department, relevant to the area of child and family psychology.

P: EDUC 623, EDUC 624. Subject to approval of the Head of School.

EDUC 502 Advanced Professional Practice in Child and Family Psychology

60 points 0.5000 EFTS

Not Offered in 2009

This 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, EDUC 624; (2) Subject to approval of the Head of School.

Note: This paper is the equivalent of two courses.

EDUC 503 Structuring and Examining Professional Practice

30 points 0.2500 EFTS

Not Offered in 2009

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

P: EDUC 623, EDUC 624. Subject to approval of the Head of School.

EDUC 686 Research Project

30 points 0.2500 EFTS

A written report on a research project approved by the Head of Department. The report must be completed and presented by 15 February in the calendar year following the year of enrolment in the project.

P: Subject to approval of the Head of School.

EDUC686-09W (C) **Whole Year (S1 and S2)**

EDUC 690 MA Thesis

120 points 1.0000 EFTS

P: Subject to approval of the Head of School.

EDUC690-09A (C) **Starts Anytime**

Note: 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.

EDUC695-09A (C) **Starts Anytime**

Note: 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.

EDUC790-09A (C) **Starts Anytime**

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

EDWH 151 Whiringa Maori - Tahi

6 points 0.0500 EFTS

The course develops basic Maori language proficiency at Levels 1 and 2 of the Maori in New Zealand curriculum document. Kai Tahu reo and tikanga are also introduced and a communicative language teaching approach is used in all language learning activities. (Maori Specialism course)

EDWH151-09T1 (C) **Term 1**
EDWH151-09X (C) **Refer to website for dates**

EDWH 261 Whiringa Maori - Rua

10 points 0.0833 EFTS

The course further develops basic Maori language proficiency at Levels 2, 3 and 4 of the Maori in New Zealand curriculum document. The study of Kai Tahu reo and

tikanga are continued and a communicative language teaching approach is used in all language learning activities. Tikanga Maori is modelled in learning and teaching content and contexts. (Maori Specialism course)

P: EDWH 151

EDWH261-09X (C) **Refer to website for dates**

EDWH 371 Whiringa Maori - Toru

8 points 0.0667 EFTS

The course further develops basic Maori language proficiency at Levels 4, 5 and 6 of the Maori in New Zealand curriculum document. The study of Kai Tahu reo and tikanga are continued and a communicative language teaching approach is used in all language learning activities. Tikanga Maori is be modelled in learning and teaching content and contexts. All students are required to meet a minimum Maori language proficiency Level of 4 to pass this course. (Maori Specialism course)

P: EDWH 261

EDWH371-09X (C) **Refer to website for dates**

WHAK 001 Whakapiki Reo

0 points 0.0000 EFTS

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.

WHAK001-09X (C) **Refer to website for dates**

Electrical and Electronic Engineering

Department of Electrical and Computer Engineering

Note: Timetable information for professional engineering courses will be available at www.engf.canterbury.ac.nz/timetables.html from 1 February 2009.

ENEL 202 Circuits and Systems

20 points 0.1660 EFTS

Circuit laws and theorems. Transients and steady state behaviours of resistive, capacitive and inductive circuits. Simple transforms (Laplace and Fourier). Linear system behaviour.

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

ENEL202-09W (C) **Whole Year (S1 and S2)**

ENEL 203 Principles of Electronics

20 points 0.1660 EFTS

Semiconductor devices. Electronic circuits. Transistor amplifiers. Operational amplifiers. Power supplies.

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

ENEL203-09W (C) **Whole Year (S1 and S2)**

ENEL 204 Electrical Systems

20 points 0.1660 EFTS

Magnetic circuits and materials. Phasor analysis of single and three phase power. Transformers. Electric fields, insulators, conductors. Principles of electrical generation and distribution systems, synchronous and induction machines. DC machines. Motor control.

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

ENEL204-09W (C) **Whole Year (S1 and S2)**

ENEL 206 Principles of Computing

20 points 0.1660 EFTS

An introduction to computer programming in C, digital logic, computer architecture, microprocessor programming (assembler and C), embedded systems, and software engineering.

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

ENEL206-09W (C) **Whole Year (S1 and S2)**

ENEL 211 Design and Management 1

20 points 0.1660 EFTS

Electronic circuit simulation followed by a design-and-build project including circuit design and simulation, printed circuit board design, and construction of a working device with documentation. CAD draughting, basic operation and draughting, drawing aids, editing, creating objects, projections, adding text, dimensioning, use of standard parts. Documentation preparation. Selected management topics.

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

ENEL211-09W (C) **Whole Year (S1 and S2)**

ENEL 323 Computer Software Engineering 1

12 points 0.1000 EFTS

Introduction to software engineering fundamentals. Programming in the C language. Number representations. Data structures and algorithms. Graphical user interface programming. Embedded system software. Abstraction, modules and objects. Designing for efficiency.

P: (1) ENEL 206; (2) Subject to approval of the Head of Department

ENEL323-09W (C) **Whole Year (S1 and S2)**

ENEL 329 Electromagnetic Engineering 1

12 points 0.1000 EFTS

Electrostatics and magnetostatics. Poisson and Laplace equations. Steady and time-varying fields. Maxwell's equations. Plane waves and transmission lines.

P: (1) EMTH 202 or EMTH 204; (2) Subject to approval of the Head of Department.

ENEL329-09W (C) **Whole Year (S1 and S2)**

ENEL 332 Communications Engineering 1

12 points 0.1000 EFTS

Introduction to communications engineering, with an initial focus on analogue systems. Amplitude and angle (frequency) modulation techniques. Noise and interference

effects. Second focus on discrete time and digital systems. Multiplexing, sampling theorems, aliasing, encoding and quantization. Digital transmission using pulse-code modulation, delta modulation, differential pulse code modulation.

P: (1) ENEL 202; (2) Subject to approval of the Head of Department.

ENEL332-09W (C) **Whole Year (S1 and S2)**

ENEL 333 Electronics 1

12 points 0.1000 EFTS

Audio and RF electronics: Biasing and stability. Actual circuits and noise, Tuned-load, and differential amplifiers. Oscillators, mixers, modulators and demodulators. Low noise amplifiers. Power amplifiers. Phase-locked loops.

P: (1) ENEL 203; (2) Subject to approval of the Head of Department.

ENEL333-09W (C) **Whole Year (S1 and S2)**

ENEL 334 Electronic Device Engineering

12 points 0.1000 EFTS

Semiconductor materials, physics and device characteristics. Introduction to CMOS circuit design.

P: (1) ENEL 203; (2) Subject to approval of the Head of Department.

ENEL334-09W (C) **Whole Year (S1 and S2)**

ENEL 335 Power Electronics 1

12 points 0.1000 EFTS

Continuous transient behaviour of power electronic circuits. Energy transformations and their control. Analysis of rectifier, converter and chopper circuits. Introduction to the control of power electronic circuits.

P: (1) ENEL 203; (2) Subject to approval of the Head of Department

ENEL335-09W (C) **Whole Year (S1 and S2)**

ENEL 340 Special Topic

12 points 0.1000 EFTS

P: Subject to approval of the Head of Department

ENEL340-09W (C) **Whole Year (S1 and S2)**

ENEL 341 Special Topic

12 points 0.1000 EFTS

P: Subject to approval of the Head of Department.

ENEL341-09W (C) **Whole Year (S1 and S2)**

ENEL 350 Design and Management 2

24 points 0.2000 EFTS

Project management, ethics, marketing, product development, inventing, intellectual property, standards, quality assurance, resource management, health and safety, accounting, financial analysis, contracts, legislation, professional development. Group and individual projects. Prototype and paper designs. Written and oral communication.

P: (1) ENEL 211; (2) Subject to approval of the Head of Department.

ENEL350-09W (C) **Whole Year (S1 and S2)**

ENEL 351 Signals, Systems and Control

24 points 0.2000 EFTS

System Modelling. Analogue Signals, Convolution and correlation. Fourier and Laplace transforms. Random processes. Sampled signals and systems. Discrete Fourier transform. Z-transform. Analogue and digital filters. Control strategies: open-loop feedforward and feedback control systems. Stability, performance, and sensitivity analysis. Lag and lead compensation. Frequency domain design. PID controllers. Elements of nonlinear control.

P: (1) ENEL 202; (2) Subject to approval of the Head of Department.

ENEL351-09W (C) **Whole Year (S1 and S2)**

ENEL 352 Electric Power Engineering

24 points 0.2000 EFTS

Power system layout, generation, transmission and distribution networks. Earthing and earth grid design. High voltage. System component modelling and operation. Power supplies. Power flow analysis. Power transfer and control. Fault analysis and system protection. Harmonics and electromagnetic transients. Energy resources. System planning and operation. Electricity markets.

P: (1) ENEL 204; (2) Subject to approval of the Head of Department.

ENEL352-09W (C) **Whole Year (S1 and S2)**

ENEL 353 Computer Hardware Engineering I

24 points 0.2000 EFTS

Digital logic. Data representation. Digital components and signals. Combinational and sequential logic design and realisation. Microprocessor system design and programming. Simple and complex programmable logic devices. Hardware description languages and introduction to VHDL. CPU design and Field Programmable Gate Arrays (FPGAs).

P: (1) ENEL 206 or both ENCE 208 and ENCE 221; (2) Subject to approval of the Head of Department

ENEL353-09W (C) **Whole Year (S1 and S2)**

ENEL 427 Project

24 points 0.2000 EFTS

All candidates are required to undertake project work, submit progress and final reports and present their work orally.

P: (1) ENEL 350 and (2) Subject to approval of the Head of Department.

ENEL427-09W (C) **Whole Year (S1 and S2)**

ENEL 428 Computer Software Engineering 2

20 points 0.1600 EFTS

Object oriented software design, implementation and testing, primarily using C++. Team software specification and management. Cross-platform tools and development of graphical-user-interfaces. Advanced software algorithms

Please check www.canterbury.ac.nz/courses for the latest course information.

and architecture. Software engineering practice and methods.

P: (1) ENEL 323; (2) Subject to approval of the Head of Department.

ENEL428-09W (C) **Whole Year (S1 and S2)**

ENEL 429 Computer Hardware Engineering 2

20 points 0.1600 EFTS

Design and implementation of advanced logic systems. Computer, micro-processor and digital signal processor systems and their implementation. High level hardware design language. Practical issues in advanced digital hardware design.

P: (1) ENEL 353; (2) Subject to approval of the Head of Department.

ENEL429-09W (C) **Whole Year (S1 and S2)**

ENEL 430 Control Systems

20 points 0.1600 EFTS

State space analysis and design of control systems. State estimation. Sampled data systems. Stochastic systems. System identification. Non-linear control. Neuro-Fuzzy control.

P: (1) ENEL 351; (2) Subject to approval of the Head of Department.

ENEL430-09W (C) **Whole Year (S1 and S2)**

ENEL 432 Electromagnetic Engineering 2

20 points 0.1600 EFTS

Maxwell's equations. Boundary conditions. The wave equation. Time harmonic electromagnetic fields. Waveguides and cavities. Radiation and antennas. Electromagnetic compatibility. Special topics.

P: (1) ENEL 329; (2) Subject to approval of the Head of Department.

ENEL432-09W (C) **Whole Year (S1 and S2)**

ENEL 433 Communications Engineering 2

20 points 0.1600 EFTS

A second course in communications engineering focused on digital communications systems and networks. Pulse shaping, equalisation and modulation. Signal space concepts and optimum detection. Error control coding and coded modulation. Traffic and queuing theory. Packet switching. Local and wide area networks. Wireless networks.

P: (1) ENEL 332; (2) Subject to approval of the Head of Department.

ENEL433-09W (C) **Whole Year (S1 and S2)**

ENEL 434 Electronics 2

20 points 0.1600 EFTS

Designing amplifier, oscillator and modulator circuits for high frequency operation, using discrete components. Coupling of components and impedance matching with striplines. Analogue filter design. Principles of radio receiver design for low noise, high selectivity, and adjacent channel rejection. Instrumentation circuits. Designing for EMI suppression.

P: (1) ENEL 333; (2) Subject to approval of the Head of Department.

ENEL434-09W (C) **Whole Year (S1 and S2)**

ENEL 435 Micro- and Nano-Electronic Device Engineering

20 points 0.1600 EFTS

Micro- and nano-electronic device fabrication technology. Physics of electronic materials. Advanced semiconductor devices. Advanced CMOS techniques. Design hierarchy and chip layout. IC design software. Future trends in nanoelectronics.

P: (1) ENEL 334; (2) Subject to approval of the Head of Department.

ENEL435-09W (C) **Whole Year (S1 and S2)**

ENEL 436 Power Electronics 2

20 points 0.1600 EFTS

Analysis and design of high frequency switching converters, including magnetic circuit design. Semiconductor devices, drivers and protection. Motor control and drives.

P: (1) ENEL 335; (2) Subject to approval of the Head of Department.

ENEL436-09W (C) **Whole Year (S1 and S2)**

ENEL 437 Power Systems Engineering

20 points 0.1600 EFTS

The design and analysis of power systems for normal and abnormal conditions. CAD packages will be used to give hands-on experience and to demonstrate principles.

P: (1) ENEL 352; (2) Subject to approval of the Head of Department.

ENEL437-09W (C) **Whole Year (S1 and S2)**

ENEL 438 Economics and Management

20 points 0.1600 EFTS

Business planning, financial analysis of investment options, marketing, basic microeconomics, management and organisation. Additional selected topics.

P: (1) ENEL 350; (2) Subject to approval of the Head of Department.

ENEL438-09W (C) **Whole Year (S1 and S2)**

ENEL 439 Power Engineering Applications

20 points 0.1600 EFTS

Power systems protection, electromagnetic/electrotechnical applications, power transformer assessment and industry standard high voltage testing of generators, transformers and cables.

P: (1) ENEL 352; (2) Subject to approval of the Head of Department.

ENEL439-09W (C) **Whole Year (S1 and S2)**

ENEL 440 Signal Processing

20 points 0.1600 EFTS

Sampled and discrete signals, digital filter design, finite word length effects, transforms, random processes,

statistical signal detection and estimation, adaptive filtering, multirate signal processing.

P: (1) ENEL 351; (2) Subject to approval of the Head of Department.

ENEL440-09W (C) **Whole Year (S1 and S2)**

ENEL 441 Special Topic

20 points 0.1600 EFTS

P: Subject to approval of the Head of Department.

ENEL441-09W (C) **Whole Year (S1 and S2)**

ENEL 442 Special Topic in Electrical and Electronic Engineering

20 points 0.1600 EFTS

P: Subject to approval of the Head of Department.

ENEL442-09S1 (C) **Semester 1**

ENEL442-09W (C) **Whole Year (S1 and S2)**

ENEL442-09S2 (C) **Semester 2**

ENEL 443 Independent Course of Study

20 points 0.1600 EFTS

P: Subject to approval of the Head of Department.

ENEL443-09S1 (C) **Semester 1**

ENEL443-09W (C) **Whole Year (S1 and S2)**

ENEL443-09S2 (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.

ENEL 611 Advanced Communications Electronics

0.1000 EFTS

Designing amplifier circuits for high frequency operation using discrete components. Coupling of components and impedance matching with striplines. Filter design overview.

P: (1) ENEL 333; (2) Subject to approval of the Head of Department.

R: ENEL 434

ENEL611-09S1 (C) **Semester 1**

ENEL 614 Biomedical Engineering

0.1000 EFTS

Instrumentation for physiological measurement. Medical Imaging. Processing of physiological signals. Processing of medical images.

P: Subject to approval of the Head of Department.

ENEL614-09S2 (C) **Semester 2**

ENEL 615 High Frequency Switching Techniques

0.1000 EFTS

High frequency switched mode power supplies. Resonant converters. Converter control. Snubbers. Thermal issues. High frequency inductor design. EMC issues related to power electronics.

P: (1) ENEL 335; (2) Subject to approval of the Head of Department.

R: ENEL 436

ENEL615-09S1 (C) **Semester 1**

ENEL 619 Computational Image Recovery

0.1000 EFTS

Not Offered in 2009

The focus of this course is computational methods for the reconstruction of images from incomplete and noisy data. Key concepts are the use of a priori information to supplement incomplete data, and the relationship between an image and its Fourier transform. Topics include image formation, Fourier optics, scalar diffraction, inverse problems, optimization methods, deconvolution, phase retrieval, and applications.

P: Subject to approval of the Head of Department.

ENEL 622 Digital Signal Processing

0.1000 EFTS

Topics in DSP comprising: digital filter design, limited precision implementation of filters, random processes, spectral analysis.

P: (1) ENEL 351; (2) Subject to approval of the Head of Department.

R: ENEL 440

ENEL622-09S1 (C) **Semester 1**

ENEL 629 Advanced Power System Engineering

0.1000 EFTS

The course considers some of the advanced techniques for steady-state and transient assessment of power systems with power electronic devices. Digital simulation fundamentals, power flow and harmonic analysis, and electromagnetic analysis are presented in some depth.

P: Subject to approval of the Head of Department.

ENEL629-09S1 (C) **Semester 1**

ENEL 641 Advanced Electronic Materials and Devices

0.1000 EFTS

The focus of this course is on advanced semiconductor devices and emerging electronic materials. Development of device characteristics will largely be from a classical perspective, although some basic quantum mechanical analysis will be used as appropriate. Issues pertaining to fabrication of devices will also be explored.

P: (1) ENEL 334; (2) Subject to approval of the Head of Department.

ENEL641-09S1 (C) **Semester 1**

ENEL 650 Advanced Digital Communications

0.1000 EFTS

Not Offered in 2009

Signal Space Concepts. Maximum Likelihood and Maximum a Posteriori Probability receiver principles. Error exponents and 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

0.1000 EFTS

Not Offered in 2009

P: Subject to approval of the Head of Department.

ENEL 652 Special Topic

0.1000 EFTS

Not Offered in 2009

P: Subject to approval of the Head of Department.

ENEL 657 Applied Digital Signal Processing

0.1000 EFTS

Not Offered in 2009

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 specialized DSP applications and the development of efficient programming techniques are key goals. The principle DSP used in the course will be the Texas Instruments TMS320C5510.

P: Subject to approval of the Head of Department.

ENEL 660 Special Topic in Electrical and Electronic Engineering

0.1000 EFTS

P: Subject to approval of the Head of Department.

ENEL660-09S1 (C)	**Semester 1**
ENEL660-09W (C)	**Whole Year (S1 and S2)**
ENEL660-09S2 (C)	**Semester 2**

ENEL 661 Special Topic in Electrical and Electronic Engineering

0.1000 EFTS

P: Subject to approval of the Head of Department.

ENEL661-09S1 (C)	**Semester 1**
ENEL661-09W (C)	**Whole Year (S1 and S2)**
ENEL661-09S2 (C)	**Semester 2**

ENEL 662 Special Topic

0.1000 EFTS

P: Subject to approval of the Head of Department.

ENEL662-09S1 (C)	**Semester 1**

ENEL 663 Independent Course of Study

0.1000 EFTS

P: Subject to approval of the Head of Department.

ENEL663-09S1 (C)	**Semester 1**
ENEL663-09W (C)	**Whole Year (S1 and S2)**
ENEL663-09S2 (C)	**Semester 2**

ENEL 664 Special Topic

0.1000 EFTS

Not Offered in 2009

P: Subject to approval of the Head of Department.

ENEL 670 Error Control Coding

0.1000 EFTS

Not Offered in 2009

This course will focus on error control coding (also called forward error correction and error correction coding). It is used to increase reliability at the cost of throughput. Redundancy (non-data symbols) is added to the information to be transmitted in order to achieve this. The error correction decoder uses the redundancy to detect and/or correct errors in the received demodulated data. This course provides an overview of traditional error control coding theory, which provides the building blocks for modern coding theory. It will concentrate on linear binary and non-binary block codes, convolutional codes and coded modulation.

P: Subject to approval of the Head of Department.

ENEL 671 Special Topic

0.1000 EFTS

Not Offered in 2009

P: Subject to approval of the Head of Department.

ENEL 672 Nano-Engineered Materials and Devices

0.1000 EFTS

Not Offered in 2009

The areas of nanoscience, engineering and technology together comprise one of the most rapidly developing research efforts in the world. The fundamental concept is the ability to create and manipulate structures with at least one dimension less than 1000 nanometers (1 nm = 0.000000001 m); these structures often exhibit unique and unpredictable properties that can lead to significant advances in device technology. This course will focus on fundamental concepts behind nano-scale fabrication and processing; recent advances in nano-scale systems; and issues that must be addressed in order to commercially realise nanotechnology-based products.

P: (1) ENEL 334; (2) Subject to approval of the Head of Department.

ENEL 673 Special Topic

0.1000 EFTS

Not Offered in 2009

P: Subject to approval of the Head of Department.

ENEL 674 Applied Random Processes
0.1000 EFTS

Not Offered in 2009

The course will focus on the fundamental principles and theory of basic probabilistic or stochastic modeling and analysis rather than applications for specific fields. Topics covered include: review of probability theory, sequences of random variables, random processes through linear systems, and estimation.

P: Subject to approval of the Head of Department.

ENEL 675 Special Topic: Advanced Embedded Systems
0.1000 EFTS

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.

P: Subject to approval of the Head of Department.

ENEL675-09S2 (C) **Semester 2**

ENEL 676 Special Topic
0.1000 EFTS

Not Offered in 2009

P: Subject to approval of the Head of Department.

ENEL 677 Advanced Systems and Control
0.1000 EFTS

Sampled data systems. Stochastic systems. System identification. Nonlinear control. Neuro-Fuzzy control.

P: Subject to approval of the Head of Department.

R: ENEL 430

ENEL677-09S2 (C) **Semester 2**

ENEL 678 Special Topic
0.1000 EFTS

Not Offered in 2009

P: Subject to approval of the Head of Department.

ENEL 679 Special Topic: Aspects of Research Procedures
0.1000 EFTS

This portmanteau course provides a range of topics and tools to help new research students understand what is required to produce and document an original piece of research. Topics include lectures on: ethics and what constitutes plagiarism, how to construct a good reference database, how to prepare a thesis in the appropriate format and how to deliver an effective oral presentation.

P: Subject to approval of the Head of Department.

ENEL679-09S2 (C) **Semester 2**

ENEL 680 Electrical ME Project (full-time)
0.5200 EFTS

P: Subject to approval of the Head of Department.

ENEL680-09A (C) **Starts Anytime**

ENEL680-09W (C) **Whole Year (S1 and S2)**

ENEL 685 Electrical Postgraduate Project
0.2000 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.

ENEL685-09A (C) **Starts Anytime**

ENEL685-09W (C) **Whole Year (S1 and S2)**

ENEL685-09CY (C) **Cross Year**

ENEL 690 Electrical ME Thesis
1.0000 EFTS

P: Subject to approval of the Head of Department.

ENEL690-09A (C) **Starts Anytime**

Note: 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.

ENEL790-09A (C) **Starts Anytime**

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

**From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Electronics

Department of Physics and Astronomy

ELEC 225 Analogue Electronics
11 points 0.0917 EFTS

Construction and investigation of the characteristics of electronic devices in the laboratory, based on development of the theoretical operating principles of these devices.

P: (1) PHYS 113 and PHYS 114; and (2) MATH 108. These prerequisites may be replaced by a high level of achievement in NCEA Level 3 Physics and Mathematics with Calculus or another equivalent background, as approved by the Head of Department of Physics and Astronomy.

R: PHYS 283, PHYS 225

EQ: PHYS 225

RP: MATH 109 and COSC 122

ELEC225-09S2 (C) **Semester 2**

ELEC 226 Digital Electronics
11 points 0.0917 EFTS

An introduction to computer architecture. This involves study of the data types supported by hardware, and of the instructions provided by the hardware. Writing programs using an assembly language is then studied. Descriptions of analogue to digital conversion and digital to analogue conversion are also discussed.

P: (1) Either PHYS 113 and PHYS 114, or COSC 122; and (2) 18 points from MATH 100. 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: PHYS 226
EQ: PHYS 226
RP: MATH 109 and COSC 122.

ELEC226-09S1 (C) **Semester 1**

ELEC 227 Fundamentals of Electronics

11 points 0.0917 EFTS

An introduction to the basic principles of circuit theory. RLC circuits, sensors, filters, operational amplifiers and simulation techniques.

P: (1) PHYS 113 and PHYS 114; (2) 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: ENME 339
RP: MATH 109 and COSC 122.

ELEC227-09S1 (C) **Semester 1**

ELEC 228 Fundamentals of Power Electronics

11 points 0.0917 EFTS

An introduction to the basic principles of power electronics. Power supplies, AC power fundamentals, non-linear electronic devices, transformers, electromechanics and power semiconductors.

P: ELEC 227
R: ENME 338

ELEC228-09S2 (C) **Semester 2**

ELEC 312 Applied Electromagnetism

14 points 0.1167 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 224 or ENEL 204; (2) MATH 109 or equivalent.
R: PHYS 312
EQ: PHYS 312

ELEC312-09S2 (C) **Semester 2**

ELEC 321 Electronics Design

14 points 0.1167 EFTS

The course is to enable students to be able to design and analyse analogue and digital circuits for everyday applications. Students will employ computer based simulation tools such as Pspice to assist in performing functional analysis and performance validation.

P: (1) ELEC 225 and ELEC 226; (2) MATH 109 or equivalent; (3) COSC 208

ELEC321-09S1 (C) **Semester 1**

ELEC 322 Industrial Electronics

14 points 0.1167 EFTS

Not Offered in 2009

Topics include various electronic sensors, electronics for signal conditioning, programmable logic controllers, actuator systems and industrial data communication.

P: (1) ELEC 226 and ELEC 227; (2) MATH 109 or equivalent.

ELEC 323 Instrumentation

14 points 0.1167 EFTS

This course is to enable the student to gain the tools to perform interfacing between instruments and computers using commercial data acquisition cards. The main emphasis will be on programming using the LabVIEW package, data acquisition, and signal conditioning.

P: (1) ELEC 226 and ELEC 227; (2) MATH 109 or equivalent.
R: PHYS 319

ELEC323-09S2 (C) **Semester 2**

ELEC 325 Special Topic

14 points 0.1167 EFTS

P: Entry by permission of the Head of Department of Physics and Astronomy.

ELEC325-09S1 (C) **Semester 1**

ELEC 326 Special Topic

14 points 0.1167 EFTS

P: Entry by permission of the Head of Department of Physics and Astronomy.

ELEC326-09S2 (C) **Semester 2**

ELEC 361 Microprocessor Systems 1

14 points 0.1167 EFTS

An introduction to the architecture, operation and application of microprocessor systems.

P: (1) ELEC 226 (2) MATH 109 or equivalent.
R: COSC 361
EQ: COSC 361

ELEC361-09S1 (C) **Semester 1**

ELEC 381 Advanced Electronics Design Laboratory

14 points 0.1167 EFTS

Execution and write-up of selected laboratory experiments and an approved independent project with an electronics design element.

P: (1) 28 points from ELEC 300, including ELEC 321; (2) COSC 208

ELEC381-09S1 (C) **Semester 1**

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

ELEC381-09S2 (C) **Semester 2**

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

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.

ENGR101-09S1 (C) **Semester 1**

ENGR 102 Engineering Mechanics
18 points 0.1500 EFTS

Introductory mechanics of particles and rigid bodies including vectors, statics, particle motion, work and energy.

C: MATH 109

ENGR102-09S2 (C) **Semester 2**

ENGR 210 Independent Course of Study
12 points 0.1000 EFTS

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

ENGR210-09S1 (C) **Semester 1**
ENGR210-09W (C) **Whole Year (S1 and S2)**
ENGR210-09S2 (C) **Semester 2**

ENGR 211 Special Topic in Engineering
12 points 0.1000 EFTS

P: Subject to the approval of the Dean of Engineering

ENGR211-09S1 (C) **Semester 1**
ENGR211-09W (C) **Whole Year (S1 and S2)**
ENGR211-09S2 (C) **Semester 2**

ENGR 212 Special Topic in Engineering
12 points 0.1000 EFTS

P: Subject to the approval of the Dean of Engineering

ENGR212-09S1 (C) **Semester 1**
ENGR212-09W (C) **Whole Year (S1 and S2)**
ENGR212-09S2 (C) **Semester 2**

ENGR 301 Special Topic in Engineering
12 points 0.1000 EFTS

P: Subject to approval of the Head of Department.

ENGR301-09S1 (C) **Semester 1**
ENGR301-09W (C) **Whole Year (S1 and S2)**
ENGR301-09S2 (C) **Semester 2**

ENGR 302 Special Topic in Engineering
12 points 0.1000 EFTS

P: Subject to approval of the Head of Department.

ENGR302-09S1 (C) **Semester 1**
ENGR302-09W (C) **Whole Year (S1 and S2)**
ENGR302-09S2 (C) **Semester 2**

ENGR 310 Independent Course of Study
12 points 0.1000 EFTS

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

ENGR310-09S1 (C) **Semester 1**
ENGR310-09W (C) **Whole Year (S1 and S2)**
ENGR310-09S2 (C) **Semester 2**

ENGR 401 Introduction to Computational Fluid Dynamics
12 points 0.1000 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 and ENME 354 or (2) ENCH 354, or (3) Subject to Head of Department Approval.

ENGR401-09S1 (C) **Semester 1**

ENGR 402 Special Topic
12 points 0.1000 EFTS

P: Subject to approval of the Head of Department.

ENGR402-09S2 (C) **Semester 2**

ENGR 403 Special Topic: Fire Engineering
12 points 0.1000 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 Head of Department.

ENGR403-09S2 (C) **Semester 2**

ENGR 410 Independent Course of Study
12 points 0.1000 EFTS

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

ENGR410-09S1 (C) **Semester 1**
ENGR410-09W (C) **Whole Year (S1 and S2)**
ENGR410-09S2 (C) **Semester 2**

ENGR 411 Special Topic in Engineering - Project
24 points 0.2000 EFTS

Students will gain experience in performing research in an engineering field.

P: Subject to the approval of the Dean of Engineering

ENGR411-08SU2 (C) **Summer (Nov 08)**
ENGR411-09S1 (C) **Semester 1**
ENGR411-09W (C) **Whole Year (S1 and S2)**
ENGR411-09S2 (C) **Semester 2**

ENGR 476 Independent Course of Study
12 points 0.1000 EFTS

P: Subject to the approval of the Head of Department

ENGR476-09S1 (C) **Semester 1**
ENGR476-09W (C) **Whole Year (S1 and S2)**
ENGR476-09S2 (C) **Semester 2**

ENGR 477 Independent Course of Study
12 points 0.1000 EFTS

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

ENGR477-09S1 (C) **Semester 1**
ENGR477-09W (C) **Whole Year (S1 and S2)**
ENGR477-09S2 (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 675 Independent Course of Study
0.1000 EFTS

P: Subject to approval of the Head of Department.

ENGR675-09S1 (C) **Semester 1**
ENGR675-09W (C) **Whole Year (S1 and S2)**
ENGR675-09S2 (C) **Semester 2**

ENGR 682 Special Topic in Engineering - Project
0.1000 EFTS

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

ENGR682-09S1 (C) **Semester 1**
ENGR682-09W (C) **Whole Year (S1 and S2)**
ENGR682-09S2 (C) **Semester 2**

ENGR 683 Special Topic in Engineering - Project
0.2000 EFTS

Students will gain experience in performing research in an engineering field.

P: Subject to the approval of the Dean of Engineering

ENGR683-08SU2 (C) **Summer (Nov 08)**
ENGR683-09S1 (C) **Semester 1**
ENGR683-09W (C) **Whole Year (S1 and S2)**
ENGR683-09S2 (C) **Semester 2**

ENGR 684 Special Topic in Engineering
0.1000 EFTS

P: Subject to the approval of the Dean of Engineering

ENGR684-09S1 (C) **Semester 1**
ENGR684-09W (C) **Whole Year (S1 and S2)**
ENGR684-09S2 (C) **Semester 2**

ENGR 685 Special Topic in Engineering
0.1000 EFTS

P: Subject to the approval of the Dean of Engineering

ENGR685-09S1 (C) **Semester 1**
ENGR685-09W (C) **Whole Year (S1 and S2)**
ENGR685-09S2 (C) **Semester 2**

ENGR 686 Special Topic in Engineering
0.1000 EFTS

P: Subject to the approval of the Dean of Engineering

ENGR686-09S1 (C) **Semester 1**
ENGR686-09W (C) **Whole Year (S1 and S2)**
ENGR686-09S2 (C) **Semester 2**

ENGR 687 Special Topic in Engineering
0.1000 EFTS

P: Subject to the approval of the Dean of Engineering

ENGR687-09S1 (C) **Semester 1**
ENGR687-09W (C) **Whole Year (S1 and S2)**
ENGR687-09S2 (C) **Semester 2**

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 471 Engineering Geology Research Methods and Practice
0.1250 EFTS

This course focuses on practical field skills, data collection and analysis, and the presentation of results from field-work. It also introduces computer manipulation of data and computer graphics/GIS skills.

ENGE471-09X (C) **Refer to website for dates**

ENGE 472 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 civil engineering design and construction, and the course content is inherently practical rather than theoretical.

ENGE472-09S2 (C) **Semester 2**

ENGE 476 Earthquake and Volcanic Hazards
0.1250 EFTS

The course develops aspects of both seismotectonic hazard evaluation and volcanic hazard mitigation, and examines selected case histories of major disasters caused by tectonic processes. Slightly greater teaching time is allocated to active faulting, with emphasis on geological and seismological data input into hazard analysis. For the volcanic component emphasis is placed on hazard recognition, evaluation methods, surveillance techniques and mitigation measures. The course deals with the subject matter at an advanced level, and students with little or

no geological background should seek advice prior to enrolment.

ENGE476-09S2 (C) **Semester 2**

ENGE 477 Ground Failure Hazards

0.1250 EFTS

Not Offered in 2009

The course is an advanced treatment of the investigation, analysis, prediction and mitigation of landslide hazards and related ground subsidence problems. The first part deals with landslide terminology, processes, recognition, investigation, instrumentation, analysis and remediation. The second part of the course examines newer methods of landslide investigation and current research, together with selected case studies in landslide hazards investigation and mitigation. A major component of the paper will be the mapping and surface investigation of an active landslide.

ENGE 478 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.

ENGE478-09S2 (C) **Semester 2**

ENGE 480 Environmental and Engineering 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 ENGE 480 should provide much of the background needed to begin to read, and ultimately contribute to, the geophysical technical literature.

ENGE480-09S1 (C) **Semester 1**

ENGE 481 Special Topic

0.1250 EFTS

ENGE481-09S1 (C) **Semester 1**

ENGE 482 Special Topic

0.1250 EFTS

ENGE482-09S2 (C) **Semester 2**

ENGE 485 Principles of Engineering Geotechnics

0.1250 EFTS

The course covers topics such as stress, strain, equilibrium, elastic and plastic behaviour, failure, limit analysis, effective stresses and seepage: with applications to soil and rock materials - slope stability, mass movement, foundations.

P: Subject to approval of the Head of Department.

ENGE485-09S1 (C) **Semester 1**

ENGE 486 Engineering Geomorphology

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: Subject to approval of the Head of Department.

ENGE486-09S2 (C) **Semester 2**

ENGE 490 Research Project

0.3333 EFTS

ENGE490-09X (C) **Refer to website for dates**

ENGE490-09CY (C) **Cross Year**

ENGE 491 Research Project

0.1250 EFTS

ENGE491-09S1 (C) **Semester 1**

ENGE491-09S2 (C) **Semester 2**

ENGE 495 Engineering Geology Projects

0.1250 EFTS

ENGE 495 is a compulsory course for all students taking the Postgraduate Diploma in Engineering Geology. However, its content is not fixed, and the principal aim is to allow individual students to conduct a supervised 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.

ENGE495-09S1 (C) **Semester 1**

ENGE495-09S2 (C) **Semester 2**

ENGE 690 MSc Thesis

1.0000 EFTS

P: Subject to approval of the Head of Department.

ENGE690-09A (C) **Starts Anytime**

Note: 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.

ENGE790-09A (C) **Starts Anytime**

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

**From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Engineering Management

Master of 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.

ENMG601-09W (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.

ENMG602-09W (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.

ENMG603-09W (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.

ENMG604-09W (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.

ENMG605-09W (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.

ENMG606-09W (C) **Whole Year (S1 and S2)**

ENMG 607 Special Topic

0.1000 EFTS

P: Subject to approval of the Programme Director.

ENMG607-09W (C) **Whole Year (S1 and S2)**

ENMG 608 Special Topic

0.1000 EFTS

P: Subject to approval of the Programme Director.

ENMG608-09W (C) **Whole Year (S1 and S2)**

ENMG 609 Special Topic

0.1000 EFTS

P: Subject to approval of the Programme Director.

ENMG609-09W (C) **Whole Year (S1 and S2)**

ENMG 620 Commercialising Research

0.1000 EFTS

This course will develop students' understanding of the essential aspects of commercialising research outcomes. The course addresses market validation, assessment of commercial potential and the determining potential business models. Students are then required to apply their learning to developing a commercialisation plan for their own research outcomes or for research cases that will be supplied. The ability to communicate the commercialisation and potential of research is emphasised. Case studies and seminars.

P: Subject to the approval of the Programme Director.

ENMG620-09S2 (C) **Semester 2**

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.

ENMG680-09A (C) **Starts Anytime**

ENMG 790 Engineering Management PhD

1.0000 EFTS

P: Subject to approval of the Programme Director.

ENMG790-09A (C) **Starts Anytime**

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

**From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Engineering Mathematics

Department of Mathematics and Statistics

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 171

RP: MATH 108

EMTH171-09S2 (C) **Semester 2**

EMTH 202 Calculus
15 points 0.1250 EFTS
Differentiation and integration of multivariate functions and vector valued functions; transform methods for solving differential equations.

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

EMTH202-09W (C) **Whole Year (S1 and S2)**

EMTH 203 Linear Algebra
15 points 0.1250 EFTS
Linear systems; numerical solutions of linear equations; vector spaces and linear transformations; eigenvalues and eigenvectors; inner product spaces, orthogonality and quadratic forms; complex spaces.

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

EMTH203-09W (C) **Whole Year (S1 and S2)**

EMTH 204 Calculus and Algebra
30 points 0.2500 EFTS
An accelerated course in linear algebra and calculus of several variables; linear systems and equations; vector spaces and linear transformations; eigenvalues and eigenvectors; inner product spaces, orthogonality and quadratic forms; vector fields and ordinary differential equations.

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

EMTH204-09W (C) **Whole Year (S1 and S2)**

EMTH 205 Engineering Statistics
6 points 0.0500 EFTS
Measurements and data. Probability and random variables. Common distributions. Estimation and hypothesis testing. Regression. Reliability.

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

EMTH205-09S2 (C) **Semester 2**

EMTH 210 Engineering Mathematics
12 points 0.1000 EFTS
P: Subject to approval of the Dean of Engineering and Forestry

EMTH210-09S1 (C) **Semester 1**

EMTH 271 Mathematical Modelling and Computation 2
12 points 0.1000 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 or MATH 171; (2) Subject to approval of the Dean of Engineering and Forestry.
R: MATH 271

EMTH271-09S2 (C) **Semester 2**

EMTH 391 Engineering Applied Mathematics and Statistics
12 points 0.1000 EFTS
Elementary probability and statistics, distributions, estimation and confidence intervals, goodness of fit tests. Partial differential equations, their use in modelling engineering applications, methods of solution and properties of these solutions.

P: (1) EMTH 210 or EMTH 202 or EMTH 204 or (MATH 261 and MATH 262), or MATH 264; (2) Subject to approval of the Dean of Engineering and Forestry.
R: MATH 361, ENCI 302, ENCI 303, EMTH 205

EMTH391-09S2 (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.

EMTH410-09S1 (C) **Semester 1**
EMTH410-09W (C) **Whole Year (S1 and S2)**
EMTH410-09S2 (C) **Semester 2**

EMTH 411 Special Topic in Engineering Mathematics
15 points 0.1250 EFTS
P: Subject to approval of the Head of Department.

EMTH411-09S1 (C) **Semester 1**
EMTH411-09W (C) **Whole Year (S1 and S2)**
EMTH411-09S2 (C) **Semester 2**

EMTH 412 Special Topic: Applied Matrix Algebra A
15 points 0.1250 EFTS
P: Subject to the approval of the Head of Department.

EMTH412-09S1 (C) **Semester 1**

EMTH 413 Special Topic: Partial Differential Equations
15 points 0.1250 EFTS
P: Subject to Head of Department approval.

EMTH413-09S1 (C) **Semester 1**

EMTH 414 Special Topic: Applied Matrix Algebra B
15 points 0.1250 EFTS
P: Subject to Head of Department approval.

EMTH414-09S1 (C) **Semester 1**

EMTH 415 Special Topic: Dynamical systems
15 points 0.1250 EFTS
P: Subject to approval of Head of Department.

EMTH415-09S1 (C) **Semester 1**
EMTH415-09S2 (C) **Semester 2**

EMTH 416 Special Topic

15 points 0.1250 EFTS

P: Subject to Head of Department approval.

EMTH416-09S1 (C) **Semester 1**

EMTH416-09S2 (C) **Semester 2**

EMTH 417 Special Topic: Advanced Scientific Computing

15 points 0.1250 EFTS

EMTH417-09S1 (C) **Semester 1**

EMTH417-09S2 (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

0.1000 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.

EMTH600-09S1 (C) **Semester 1**

EMTH600-09S2 (C) **Semester 2**

EMTH 601 Continuous Biological Systems

0.1000 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.

EMTH601-09S1 (C) **Semester 1**

EMTH601-09S2 (C) **Semester 2**

EMTH 602 Fluid Mechanics

0.1000 EFTS

Applications of differential equations to fluid mechanics.

P: Subject to approval of the Head of Department.

EMTH602-09S1 (C) **Semester 1**

EMTH602-09S2 (C) **Semester 2**

EMTH 603 Numerical Solution of Partial Differential Equations

0.1000 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.

EMTH603-09S1 (C) **Semester 1**

EMTH603-09S2 (C) **Semester 2**

EMTH 604 Unconstrained Optimisation

0.1000 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.

EMTH604-09S1 (C) **Semester 1**

EMTH604-09S2 (C) **Semester 2**

EMTH 605 Approximation Theory

0.1000 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.

EMTH605-09S1 (C) **Semester 1**

EMTH605-09S2 (C) **Semester 2**

EMTH 606 Algebraic and Symbolic Computation

0.1000 EFTS

An introduction to Grōbner bases and applications of systems of multivariate polynomial equations.

P: Subject to approval of the Head of Department.

EMTH606-09S1 (C) **Semester 1**

EMTH606-09S2 (C) **Semester 2**

EMTH 607 Coding Theory

0.1000 EFTS

The mathematics of binary linear codes.

P: Subject to approval of the Head of Department.

EMTH607-09S1 (C) **Semester 1**

EMTH607-09S2 (C) **Semester 2**

EMTH 608 Industrial Case Studies

0.1000 EFTS

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.

EMTH608-09S1 (C) **Semester 1**

EMTH608-09S2 (C) **Semester 2**

EMTH 609 Special Topic in Engineering Mathematics

0.1000 EFTS

P: Subject to approval of the Head of Department.

EMTH609-09S1 (C) **Semester 1**

EMTH609-09W (C) **Whole Year (S1 and S2)**

EMTH609-09S2 (C) **Semester 2**

EMTH 610 Special Topic in Engineering Mathematics

0.1000 EFTS

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

EMTH610-09S1 (C) **Semester 1**
EMTH610-09W (C) **Whole Year (S1 and S2)**
EMTH610-09S2 (C) **Semester 2**

EMTH 675 Independent Course of Study

0.1000 EFTS

P: Subject to approval of the Head of Department.

EMTH675-09S1 (C) **Semester 1**
EMTH675-09W (C) **Whole Year (S1 and S2)**
EMTH675-09S2 (C) **Semester 2**

EMTH 680 Project (Full time)

0.5000 EFTS

P: Subject to approval of the Head of Department.

EMTH680-09W (C) **Whole Year (S1 and S2)**

English

College of Arts

ENGL 102 Introduction to English

18 points 0.1500 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.

ENGL102-09S1 (C) **Semester 1**

ENGL 105 New Zealand Literature 1

18 points 0.1500 EFTS

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 Maori in the last thirty years.

R: ENGL 104 (2005)

ENGL105-09S1 (C) **Semester 1**

ENGL 107 Shakespeare

18 points 0.1500 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.

ENGL107-09S1 (C) **Semester 1**

ENGL 109 American Literature

18 points 0.1500 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

EQ: AMST 110

ENGL109-09S2 (C) **Semester 2**

ENGL 110 Maori Writing in English

18 points 0.1500 EFTS

Not Offered in 2009

An introduction to Maori 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 113 Women Writing Across the Centuries: Queen Elizabeth 1 to Zadie Smith

18 points 0.1500 EFTS

Not Offered in 2009

This course offers an introduction to women writers and their work, over a period of four hundred years. It will examine women's lives, and the social, political and cultural conditions in which they wrote.

R: GEND 111, CULT 111

EQ: CULT 111, GEND 111

ENGL 115 Childhood in Children's Literature

18 points 0.1500 EFTS

An introduction to the changing representations of the child and childhood in children's literature form the late 18th century to the present.

R: ENGL 212, GEND 105

EQ: GEND 105

ENGL115-09SU1 (C) **Summer (Jan 09)**

ENGL 117 Writing the Academic Essay

18 points 0.1500 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.

ENGL117-08SU2 (C) **Summer (Nov 08)**
ENGL117-09S1 (C) **Semester 1**
ENGL117-09S2 (C) **Semester 2**

ENGL 118 Creative Writing: Skills, Techniques and Strategies

18 points 0.1500 EFTS

This course provides a thorough grounding in the skills, techniques and tricks a writer needs to transform ideas and material into art. Guided exercises will develop students' perception, observation and research skills. The study of selected poetry, song lyrics and monologues will provide an understanding of fundamental techniques and approaches, as well as inspiration for students' own writing.

ENGL118-09SU1 (C) **Summer (Jan 09)**

ENGL 132 Cultural Studies: Reading Culture

18 points 0.1500 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

ENGL132-09S2 (C) **Semester 2**

ENGL 203 The Eighteenth Century Novel

22 points 0.1833 EFTS

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 18 points of ENGL at 100 level with a B pass, or 36 points of ENGL at 100 level, or any 54 points from the Arts Schedule

ENGL203-09S1 (C) **Semester 1**

ENGL 209 Australian Writing and Culture

22 points 0.1833 EFTS

This course examines a range of Australian literary works, visual texts, and cultural criticism from the colonial period and the twentieth century, with an emphasis on material produced since the 1970s.

P: Either 18 points of ENGL at 100 level with a B pass, or 36 points of ENGL at 100 level, or any 54 points from the Arts Schedule

ENGL209-09S1 (C) **Semester 1**

ENGL 210 New Zealand Literature 2

22 points 0.1833 EFTS

An account of the last thirty years in New Zealand literature, with particular reference to the rise of Maori writing in English, life-writing and the impact of postmodernism in the period.

P: Either 18 points of ENGL at 100 level with a B pass, or 36 points of ENGL at 100 level, or any 54 points from the Arts Schedule

ENGL210-09S2 (C) **Semester 2**

ENGL 213 Children's Classics: Popular Children's Texts and their Representation on Film

22 points 0.1833 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 18 points of ENGL at 100-level with a B pass, or 36 points of ENGL at 100-level, or any 54 points from the Arts Schedule.

ENGL213-09S1 (C) **Semester 1**

ENGL 214 Nineteenth Century Environments

22 points 0.1833 EFTS

Not Offered in 2009

This course will explore the roots of environmentalism, eco-politics, and animal rights advocacy through the writings of nineteenth-century English poets, social critics, naturalists, and novelists.

P: Either 18 points of ENGL at 100 level with a B pass, or 36 points of ENGL at 100 level, or any 54 points from the Arts Schedule

R: ENGL 204

ENGL 215 The Seventeenth Century: King and Country

22 points 0.1833 EFTS

Not Offered in 2009

Paying close attention to the political, social and cultural shifts that marked seventeenth-century England, this course will examine some of the texts that played key roles in these changes.

P: Either 18 points of ENGL at 100 level with a B pass, or 36 points of ENGL at 100 level, or any 54 points from the Arts Schedule

ENGL 216 Love and Desire in the English Renaissance

22 points 0.1833 EFTS

Not Offered in 2009

This course involves the study of a variety of English literature form the early sixteenth through to the early seventeenth centuries, including plays and poetry by Shakespeare, Marlowe, Donne, Spenser, and Sidney. Its focus will be on discourse of love and desire in the literatrue of the period and, particularly, the literary, historical and political contexts in which those discourses can be understood.

P: Either 18 points of ENGL at 100 level with a B pass, or 36 points of ENGL at 100 level, or any 54 points from the Arts Schedule

ENGL 217 Special Topic: Eighteenth Century Literature and Empire

22 points 0.1833 EFTS

P: Either 18 points of ENGL at 100 level with a B pass, or 36 points of ENGL at 100 level, or any 54 points from the Arts Schedule

ENGL217-09S2 (C) **Semester 2**

ENGL 218 Special Topic

22 points 0.1833 EFTS

Not Offered in 2009

P: Either 18 points of ENGL at 100 level with a B pass, or 36 points of ENGL at 100 level, or any 54 points from the Arts Schedule

ENGL 220 Creative Writing: Short Fiction
22 points 0.1833 EFTS

Not Offered in 2009

This course gives instruction and advice on the writing of short fiction, using a wide range of examples to illustrate the variety of forms, methods, and themes that may be used by the professional writer. Emphasis is given to the variety of genres available and the range of different readerships involved.

P: Any 72 points.

Note: 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 convenors.

ENGL 231 Creative Writing: Poetry
22 points 0.1833 EFTS

This course offers instruction and advice in the practice of writing poetry. A number of forms and styles will be studied, and writing exercises will be used to extend and develop the individual student's range of competencies. The course will culminate in the production by each student of a portfolio of his or her original work.

P: Any 72 points.
R: ENGL 230

ENGL231-09S2 (C) Semester 2

Note: 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 convenors.

ENGL 232 Cultural Politics/Cultural Activism
22 points 0.1833 EFTS

The course considers the strategic roles that culture can play in influencing political and social change, studying a wide variety of cultural texts and practices.

P: Any course in 100 level ENGL, CULT, AMST, FMST, GEND or TAFS.
R: CULT 202
EQ: CULT 202

ENGL232-09S2 (C) Semester 2

ENGL 233 Creative Writing for Stage
22 points 0.1833 EFTS

This course combines the development of students' creative writing with teaching of the practical skills and dramaturgic techniques of scripting for stage.

R: ENGL 234

ENGL233-09SU1 (C) Summer (Jan 09)

Note: 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 convenors.

ENGL 236 Contemporary American Literature
22 points 0.1833 EFTS

This course examines contemporary fiction and drama in order to explore and theorize the ways in which American identity and American mythology have been problematized, refigured, and rewritten in postmodern texts.

P: EITHER at least 18 points of English at 100 level with a B pass OR at least 36 points of English at 100 level OR any 54 points from the Arts Schedule at 100 level.
R: AMST 216, AMST 323
EQ: AMST 216
RP: AMST 106

ENGL236-09S1 (C) Semester 1

ENGL 237 Hardboiled LA: Los Angeles in Literature and Film
22 points 0.1833 EFTS

This course examines modern and postmodern representations of Los Angeles. Specifically, the course explores ways in which the genre "LA Noir" (in fiction and film) has been refigured as Los Angeles becomes the postmodern environment par excellence.

P: EITHER at least 18 points of English at 100 level with a B pass OR at least 36 points of English at 100 level OR any 54 points from the Arts Schedule at 100 level.
R: AMST 223, AMST 326
EQ: AMST 223

ENGL237-09S2 (C) Semester 2

ENGL 238 Special Topic
22 points 0.1833 EFTS

R: ENGL 234

ENGL238-09S1 (C) Semester 1

ENGL 240 History of the English Language
22 points 0.1833 EFTS

Not Offered in 2009

A chronological survey of the history of English, involving study of changes in the language over time at all levels (phonological, morphological, syntactic, lexical, semantic, and stylistic), and using written materials as evidence.

P: Any 18 points at 100-level in ENGL or LING.
R: LING 304 (prior to 2000), ENGL 241, LING 204, LING 214

ENGL 243 From Bambi to Kong: The Animal in American Popular Culture
22 points 0.1833 EFTS

This course provides an introduction to human-animal studies through an analysis of cinematic representations of animals and the environment across horror and science fiction genres, animation, comedy and documentary.

P: Any 44 points from the Arts Schedule, or with approval from Programme Director
R: AMST 236, CULT 206, GEND 213, AMST 331, GEND 311.
EQ: AMST 236, GEND 213

ENGL243-09S2 (C) Semester 2

ENGL 251 African American Women Writers

22 points 0.1833 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: EITHER at least 18 points of English at 100-level with a B pass OR at least 36 points of English at 100-level OR any 54 points from the Arts schedule at 100-level.
R: AMST 231, AMST 311, FMST 304, CULT 304, GEND 209, GEND 304
EQ: AMST 231, GEND 209

ENGL251-09SU1 (C) **Summer (Jan 09)**

ENGL 303 The Nineteenth Century Novel

28 points 0.2333 EFTS

Not Offered in 2009

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: 22 points of ENGL at 200-level with a B pass, or 44 points of ENGL at 200-level, or any 66 points from the Arts Schedule.

ENGL 304 Drama: Nineteenth and Twentieth Centuries

28 points 0.2333 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: 22 points of ENGL at 200-level with a B pass, or 44 points of ENGL at 200-level, or any 66 points from the Arts Schedule.

ENGL304-09S1 (C) **Semester 1**

ENGL 308 Romantic Poetry and Prose

28 points 0.2333 EFTS

Not Offered in 2009

A study of works by Blake, Wordsworth, Coleridge, Byron, Shelley and Keats.

P: 22 points of ENGL at 200-level with a B pass, or 44 points of ENGL at 200-level, or any 66 points from the Arts Schedule.

ENGL 309 Victorian Poetry and Prose

28 points 0.2333 EFTS

Not Offered in 2009

An introduction to the poetry and prose of the nineteenth century, studying formal and ideological aspects of a variety of canonical and other texts in their cultural background.

P: 22 points of ENGL at 200-level with a B pass, or 44 points of ENGL at 200-level, or any 66 points from the Arts Schedule.

ENGL 310 Twentieth-Century Wastelands

28 points 0.2333 EFTS

Not Offered in 2009

This course samples some of the poetry written in English since about 1900. Coverage will begin with detailed work on the Modernist poets from the first quarter of the century; and then students will look at some contemporary British poetry, paying particular attention to the work of certain feminist writers, and of some British West-Indian poets.

P: Any 22 point course in 200 level English (except: ENGL 226, ENGL 231, ENGL 232, ENGL 233, ENGL 234, ENGL 240 and ENGL 241) or AMST 216 or AMST 223.
R: ENGL 311

ENGL 313 Cultures of the Supernatural

28 points 0.2333 EFTS

This course examines shifting represetnations 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: 22 points of ENGL at 200-level with a B pass, or 44 points of ENGL at 200-level, or any 66 points from the Arts Schedule.
R: AMST 313, CULT 317, AMST 413, ENGL 413, CULT 417
EQ: AMST 313, CULT 317

ENGL313-09S2 (C) **Semester 2**

ENGL 314 Eighteenth Century Worlds

28 points 0.2333 EFTS

Not Offered in 2009

This course examines issues that shaped British culture in the eighteenth-century and that remain relevant to any examination of modernity. It outlines and investigates some of the crucial cultural sites of that period." the beau monde; the metropolis and colony; country and city; the nation; the private and public; the imagination; and the market.

P: 22 points of ENGL at 200-level with a B pass, or 44 points of ENGL at 200-level, or any 66 points from the Arts Schedule.

ENGL 315 The Twentieth Century Novel

28 points 0.2333 EFTS

This course provides students with a chronological survey of some of the best British and Irish novels of the 20th century.

P: 22 points of ENGL at 200-level with a B pass, or 44 points of ENGL at 200-level, or any 66 points from the Arts Schedule.

ENGL315-09S1 (C) **Semester 1**

ENGL 316 New Zealand Literature 3

28 points 0.2333 EFTS

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: 22 points of ENGL at 200-level with a B pass, or 44 points of ENGL at 200-level, or any 66 points from the Arts Schedule.

ENGL316-09S2 (C) **Semester 2**

ENGL 317 Special Topic

28 points 0.2333 EFTS

Not Offered in 2009

P: 22 points of ENGL at 200-level with a B pass, or 44 points of ENGL at 200-level, or any 66 points from the Arts Schedule.

ENGL 318 Special Topic

28 points 0.2333 EFTS

Not Offered in 2009

P: 22 points of ENGL at 200-level with a B pass, or 44 points of ENGL at 200-level, or any 66 points from the Arts Schedule.

ENGL 320 Literary Theory

28 points 0.2333 EFTS

Not Offered in 2009

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: EITHER at least 22 points of English at 200 level with a B pass OR at least 44 points of English at 200 level OR any 66 points from the Arts Schedule at 200 level.
R: ARTT 303, ENGL 330

ENGL 332 Sexualities in Culture

28 points 0.2333 EFTS

Not Offered in 2009

This course analyses representations and models of 'normal' and 'abnormal' sexuality as these occur in sexology, psychiatry, self-help psychology, cinema and popular culture, and queer activism.

P: Any 44 points in Arts subjects at 200 level, or with approval from the Programme Director
R: AMST 332, CULT 303, GEND 211, GEND 307
EQ: AMST 332, CULT 303, GEND 307

ENGL 333 The Exotic

28 points 0.2333 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: 22 points in ENGL at 200-level with a B pass, or 44 points of ENGL at 200-level, or any 66 points from the Arts schedule.
R: ENGL 307, CULT 307, CULT 333
EQ: CULT 333

ENGL333-09S2 (C) **Semester 2**

ENGL 336 Special Topic: Early Modern Tragedy

28 points 0.2333 EFTS

Not Offered in 2009

Examines Early Modern tragedies in the light of Classical Greek antecedents.

P: 22 points of ENGL at 200-level with a B pass, or 44 points of ENGL at 200-level, or any 66 points from the Arts Schedule.

ENGL 350 Creative Writing Masterclass: Special Topics in Creative Writing

28 points 0.2333 EFTS

This course teaches a special topic in creative writing varying from year to year and is offered by a distinguished practitioner in the area.

P: Any 22 points in 200 level English except ENGL 226 and ENGL 240.

ENGL350-09S1 (C) **Semester 1**

Note: 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 convenors.

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 408 Shakespeare

0.2500 EFTS

This course will feature a particular aspect of Shakespeare, placing it in key historical and theoretical contexts.

P: Subject to approval of the Head of Department.

ENGL408-09S2 (C) **Semester 2**

ENGL 413 Cultures of the Supernatural

0.2500 EFTS

Not Offered in 2009

This course examines shifting represetnations 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: Subject to approval of the Programme Director.
R: AMST 313, CULT 317, ENGL 313, AMST 413, CULT 417
EQ: AMST 413, CULT 417

ENGL 416 Victorian Cultural Critics

0.2500 EFTS

Not Offered in 2009

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

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.

ENGL418-09S1 (C) **Semester 1**

ENGL 421 Modern Poetry

0.2500 EFTS

Not Offered in 2009

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

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.

ENGL424-09S1 (C) **Semester 1**

ENGL 425 The Novel since 1945: Contemporary Canadian and New Zealand Fiction

0.2500 EFTS

Not Offered in 2009

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 2009

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.

ENGL427-09S2 (C) **Semester 2**

ENGL 430 Mid-Victorian Women Writers

0.2500 EFTS

Not Offered in 2009

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

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.

ENGL431-09S1 (C) **Semester 1**

ENGL 440 Beyond the Lyric: Writing the Long Poem

0.2500 EFTS

Not Offered in 2009

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 2009

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 imagining 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

ENGL442-09S1 (C) **Semester 1**
ENGL442-09S2 (C) **Semester 2**

ENGL 480 Extended Essay

0.2500 EFTS

P: Subject to approval of the Head of Department.

ENGL480-09S1 (C) **Semester 1**
ENGL480-09S2 (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 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

ENGL481-09S1 (C) **Semester 1**
ENGL481-09S2 (C) **Semester 2**

ENGL 690 MA Thesis

1.0000 EFTS

P: Subject to approval of the Head of Department.

ENGL690-09A (C) **Starts Anytime**

Note: 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

ENGL692-09A (C) **Starts Anytime**

ENGL 790 English PhD

1.0000 EFTS

P: Subject to approval of the Head of Department.

ENGL790-09A (C) **Starts Anytime**

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

**From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

English for Tertiary Studies (pre-entry)

UC Opportunity

Note: English for Tertiary Studies courses are non-degree courses designed to assist international students to develop the English skills necessary for successful tertiary study.

ESOL 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 (compulsory for all students).

P: Subject to approval of the Programme Manager.

ESOL001-09E1 (C) **CertETS 1**
ESOL001-09E2 (C) **CertETS 2**
ESOL001-09E3 (C) **CertETS 3**

ESOL 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.

ESOL002-09E1 (C) **CertETS 1**
ESOL002-09E2 (C) **CertETS 2**
ESOL002-09E3 (C) **CertETS 3**

ESOL 003 Advanced English for Postgraduate Study

60 points 0.5000 EFTS

Advanced development of all aspects of language necessary for postgraduate university life and academic study including research, presentation and tutorial skills, project work (team and individual), proposal, report and thesis writing in future area of study.

P: Subject to approval of the Programme Manager.

ESOL003-09E1 (C) **CertETS 1**
ESOL003-09E2 (C) **CertETS 2**
ESOL003-09E3 (C) **CertETS 3**

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.

ENVR410-09S1 (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.

ENVR411-09S2 (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 Co-ordinator. The report must be completed and presented to the Registrar no later than 1 November in the year in which the student presents the written courses.

P: Subject to approval of the Head of Department.

ENVR480-09W (C) **Whole Year (S1 and S2)**

ENVR 690 MSc Thesis

1.0000 EFTS

P: Subject to approval of the Head of Department.

ENVR690-09A (C) **Starts Anytime**

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

ENVR 790 Environmental Science PhD

1.0000 EFTS

P: Subject to approval of the Head of Department.

ENVR790-09A (C) **Starts Anytime**

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

**From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

European Languages and Cultures

College of Arts

EULC 101 European Society in Film

18 points 0.1500 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

EULC101-09S2 (C) **Semester 2**

EULC 104 European Languages in Europe and Beyond

18 points 0.1500 EFTS

Not Offered in 2009

This course examines the formation, development and significance of the languages spoken in Europe.

R: FREN 117, GRMN 104, RUSS 102

EULC 202 The European City

22 points 0.1833 EFTS

Not Offered in 2009

This course is an exploration from the origins of the city in Antiquity and the Middle Ages to the European capitals and other major centres in Europe. It explores the history, culture and present-day transformations of cities such as London, Paris, Berlin, Madrid, Barcelona, Moscow and St Petersburg.

P: Any 54 points

R: EULC 302, CULT 316, FREN 215, FREN 315, GRMN 235, GRMN 335, GRMN 345, RUSS 222, RUSS 322

EULC 203 Representing Evil: the Holocaust and its Legacy

22 points 0.1833 EFTS

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 54 points.

R: EULC 303, FREN 216, FREN 316, GRMN 245, GRMN 346, RUSS 221, RUSS 321

EULC203-09S2 (C) **Semester 2**

EULC 204 European Novels and Film Adaptations

22 points 0.1833 EFTS

A study of important European novels and their film adaptations.

P: Any 54 points

R: EULC 304, RUSS 215, RUSS 216

EULC204-09S1 (C) **Semester 1**

EULC 302 The European City

28 points 0.2333 EFTS

Not Offered in 2009

This course is an exploration from the origins of the city in Antiquity and the Middle Ages to the European capitals and other major centres in Europe. It explores the history, culture and present-day transformations of cities such as London, Paris, Berlin, Madrid, Barcelona, Moscow and St Petersburg.

P: Any 44 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

EULC 303 Representing Evil: The Holocaust and its Legacy

28 points 0.2333 EFTS

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 44 points at 200 level.
R: EULC 203, FREN 216, FREN 316, GRMN 245, GRMN 346, RUSS 221, RUSS 321

EULC303-09S2 (C) **Semester 2**

EULC 304 European Novels and Film Adaptations

28 points 0.2333 EFTS

A study of important European novels and their film adaptations.

P: Any 44 points at 200 level.
R: EULC 204, RUSS 215, RUSS 216

EULC304-09S1 (C) **Semester 1**

European Union Studies

National Centre for Research on Europe

EURO 101 Discovering the European Union

18 points 0.1500 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.

EURO101-09S1 (C) **Semester 1**

EURO 201 European Identity and Culture

22 points 0.1833 EFTS

The leading theme of this course "What is Europe and who are the Europeans now" will be explored from a multidisciplinary perspective and from an interactive approach. This course has its aim to examine the notions of Europe and its many identities in its interaction with the world. The elements of the course cover the theory of individual, group, and national identities formation; the debate over "new " and "old" Europe; cultural practices of Europe; media presentations; and public and elite perceptions.

P: Any 54 points at 100 level from the Arts Schedule.
R: EURO 417 (prior to 2006)

EURO201-09S2 (C) **Semester 2**

EURO 220 European Union Negotiations: Actors, Processes, Institutions

22 points 0.1833 EFTS

Not Offered in 2009

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: Patterns and Policies

22 points 0.1833 EFTS

Not Offered in 2009

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

22 points 0.1833 EFTS

Cultural, environmental and economic themes of significance in the understanding of the geography of Europe.

P: (1) Any 36 points of 100 level GEOG, excluding GEOG 105, or any 108 points approved by HOD; (2) Any 54 points at level 100 from the Arts Schedule.
R: GEOG 203, GEOG 213
EQ: GEOG 213

EURO223-09SU1 (C) **Summer (Jan 09)**

EURO 224 Economic Development of Europe and Prospects for EU Enlargement

22 points 0.1833 EFTS

This course is designed to acquire a sufficient knowledge and understanding of the recent economic developments in Europe as a whole. Because of the enormous differences in the development trends and problems between Western and Eastern Europe, the course is divided into two parts that separately examine the economic development's issues in the two regions.

P: Any 54 points at level 100 from the Arts Schedule
R: INCO 224

EURO224-09S1 (C) **Semester 1**

Please check www.canterbury.ac.nz/courses for the latest course information.

EURO 225 The European Union and Global Development

22 points 0.1833 EFTS

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 studies incolude: - 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.

EURO225-09S1 (C) **Semester 1**

EURO 226 The Rise and Fall of Soviet Domination in Eastern Europe 1944-1991

22 points 0.1833 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: 54 points at 100-level from the Arts Schedule.
R: EURO 222, HIST 269, HIST 264, INCO 225, HIST 386
EQ: HIST 269

EURO226-09S2 (C) **Semester 2**

EURO 227 Doing Business in Europe: European Union Business, Institutions and Finance

22 points 0.1833 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 54 points at 100 level from the Arts Schedule or any 54 points at 100 level from the Commerce Schedule.

EURO227-09SU1 (C) **Summer (Jan 09)**

EURO 228 Special Topic: Modern Diplomacy: The EU and 'Effective Multilateralism'

22 points 0.1833 EFTS

P: Any 54 points from the Arts Schedule.

EURO228-08SU2 (C) **Summer (Nov 08)**

EURO 310 European Integration From Community to Union

28 points 0.2333 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.

P: Either (1) 22 points at B average in any Arts subject or any 22 points in GEOG at 200 level; (2) 22 points of EURO at 200 level with a B pass OR 44 points of EURO at 200 level OR any 66 points from the Arts Schedule at 200 level
R: GEOG 320 (prior to 2005); GEOG 321 (from 2005)
EQ: GEOG 321

EURO310-09S2 (C) **Semester 2**

EURO 311 European Union Legal Studies

28 points 0.2333 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 22 points of EURO at 200 level with a B pass; or 44 points of EURO at 200 level; or any 66 points from the Arts Schedule at 200 level.
R: LAWS 355

EURO311-09S1 (C) **Semester 1**

EURO 312 European Union Research Training and Methods

28 points 0.2333 EFTS

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 reserach questions; qualitative and quantitative methods; European Union online resources - databases; drafting research projects.

P: Either 22 points of EURO at 200 level with a B pass; or 44 points of EURO at 200 level; or any 66 points from the Arts Schedule at 200 level.
R: EURO 416

EURO312-09S1 (C) **Semester 1**

EURO 325 European Union Enlargement, 2004 and Beyond: Politics, Process, Impacts

28 points 0.2333 EFTS

Not Offered in 2009

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 propective European Union enlargements to the East. The impacts of this process on New Zealand's political, economic and cultural interestes in the region will be investigated as well.

P: Either 22 points of EURO at 200 level with a B pass; or 44 points of EURO at 200 level; or any 66 points from the Arts Schedule at 200 level.
R: EURO 225 (prior to 2006)

EURO 326 Europe Since 1945

28 points 0.2333 EFTS

This course explores the social history of the peoples of Europe on both sides of the' Iron Curtain' from the end of World War Two to the collapse of Communism in 1990.

P: Either 22 points EURO at 200 level with a B pass; or 44 points of EURO at 200 level; or any 66 points from the Arts schedule at 200 level.
R: HIST 389
EQ: HIST 389

EURO326-09S2 (C) **Semester 2**

EURO 330 Special Topic: Contemporary Policy Challenges in the European Union

28 points 0.2333 EFTS

Not Offered in 2009

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 22 points of EURO at 200 level with a B pass; or 44 points of EURO at 200 level; or any 66 points from the Arts Schedule at 200 level.

EURO 332 Special Topic: European Business Law

28 points 0.2333 EFTS

A detailed examination of the framework for the conduct of trade in the European Union.

P: 22 points of EURO at 200 level with a B pass OR 44 points of EURO at 200 level OR any 66 points from the Arts Schedule at 200 level

EURO332-08SU2 (C) **Summer (Nov 08)**

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

This course brings together a number of thematic strands linked under the central organising principle, "the Idea of Europe". This multi-disciplinary approach will examine the diversity encompassed within "the Idea of Europe", covering perspectives that are Social, Cultural, Linguistic, Identity, Historical, Political and Economic in nature."

P: Subject to approval of the Head of Department.

EURO401-09W (C) **Whole Year (S1 and S2)**

EURO 404 Colonialism to Partnership? Europe in the Pacific

0.2500 EFTS

Contemporary and Historical analysis of colonialism in the Pacific drawing on case studies on the ecological impact of colonialism and the economic impact of the EU policy towards the Pacific.

P: Subject to approval of the Head of Department.
R: PACS 418, FREN 421
EQ: FREN 421, PACS 418

EURO404-09W (C) **Whole Year (S1 and S2)**

EURO 407 Special Topic

0.2500 EFTS

Not Offered in 2009

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 2009

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

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

EURO409-09W (C) **Whole Year (S1 and S2)**

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

EURO410-09W (C) **Whole Year (S1 and S2)**

EURO 411 Special Linguistic Study

0.2500 EFTS

Not Offered in 2009

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 2009

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 2009

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 2009

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

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

EURO416-09S1 (C) **Semester 1**

EURO 417 Special Topic

0.2500 EFTS

Not Offered in 2009

P: Entry to this course is subject to the approval of the Head of Department.

EURO 418 Reconstructing Europe, 1945-57

0.2500 EFTS

Not Offered in 2009

This course examines the political and diplomatic processes that led to the Cold War in Europe and the genesis of the European Union.

P: Subject to approval of the Head of Department.
R: DIPL 412, HIST 452
EQ: DIPL 412, HIST 452

EURO 419 International Politics During the Nuclear Age

0.2500 EFTS

Not Offered in 2009

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

EURO420-09W (C) **Whole Year (S1 and S2)**

EURO 426 After the Fall of the Wall: The New Germany in the New Europe

0.2500 EFTS

Not Offered in 2009

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

EURO 448 Issues in Modern European History

0.2500 EFTS

The course aims to engage with 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. HIST449 is also designed to dovetail with the compulsory honours course HIST450 History as a Discipline, in which students learn about various historiographical schools (e.g. Marxist history, gender history, post-modern history etc.). We shall encourage students to apply their general understanding of these differing historiographical approaches to the specific debates covered in the course.

R: HIST 449

EURO448-09W (C) **Whole Year (S1 and S2)**

EURO 449 Special Topic: Democracy and Participation in the EU

0.2500 EFTS

Not Offered in 2009

P: Subject to approval of the Head of Department.

EURO 480 Research Topic

0.2500 EFTS

P: Subject to approval of the Head of Department.

EURO480-09W (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 knowledege in a practical setting, to work on a research project in an internship setting.

P: Subject to approval of the Head of Department.

EURO481-09W (C) **Whole Year (S1 and S2)**

EURO 690 MA Thesis

1.0000 EFTS

P: Subject to approval of the Head of Department.

EURO690-09A (C) **Starts Anytime**

Note: 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.

EURO790-09A (C) **Starts Anytime**

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

Film

College of Arts

FILM 201 Film

81 points 0.6750 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 108 points from another degree, a collection of works and an interview. Information may be obtained from the Head of School.

FILM201-09W (C) **Whole Year (S1 and S2)**

Note: Limited entry. See limitation of entry regulations.

FILM 301 Film

81 points 0.6750 EFTS

Research, scripting, planning, shooting, editing and other related procedures with an emphasis on documentary production.

P: (1) FILM 201, (2) 36 points at 100 level in ARTH, and (3) 22 points at 200 level in ARTH.

FILM301-09W (C) **Whole Year (S1 and S2)**

Note: Limited entry. See limitation of entry regulations.

FILM 401 Film

81 points 0.6750 EFTS

Advanced work in film, video and television. An emphasis on fictional procedures in film and video production. Specialised projects.

P: FILM 301

FILM401-09W (C) **Whole Year (S1 and S2)**

Note: 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.

FILM501-09W (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.

FILM550-09W (C) **Whole Year (S1 and S2)**

FILM 601 Film

1.0000 EFTS

P: Subject to approval of the Head of Department.

FILM601-09A (C) **Starts Anytime**

FILM 602 Film

0.5000 EFTS

P: Subject to approval of the Head of Department.

FILM602-09W (C) **Whole Year (S1 and S2)**

Finance

Department of Economics and Finance

FINC 201 Analytical Tools of Finance

11 points 0.0917 EFTS

Time Value of Money, Valuation, Financial Statements, Risk and Return, Net Present Value

P: ACIS 102 or AFIS 102, or ECON 104, or MATH 108 and 18 points of STAT courses

R: AFIS 204

FINC201-09S1 (C) **Semester 1**

FINC 202 Business Finance

11 points 0.0917 EFTS

Capital Budgeting, Working Capital Management, Financial Planning, Cost of capital, Capital structure, Dividend Policy

P: FINC 201

R: AFIS 204

FINC202-09S2 (C) **Semester 2**

FINC 203 Financial Markets and Institutions

11 points 0.0917 EFTS

Development of the financial system focusing on financial markets, institutions (intermediaries) and instruments (stocks, bonds, hybrid securities).

C: FINC 201

R: AFIS 214

FINC203-09S1 (C) **Semester 1**

FINC 323 Econometrics I

14 points 0.1167 EFTS

The estimation and testing of linear models. Basic time series methods.

P: (1) ECON 213 or (STAT 212 and STAT 214); (2) MATH 108.

R: ECON 303, ECON 323

EQ: ECON 323

FINC323-09S1 (C) **Semester 1**

FINC 331 Economics of Finance I

14 points 0.1167 EFTS

Household saving and the capital market. Decision-making under uncertainty. State preference theory. Portfolio choice and models of asset returns.

P: (1) ECON 204 or ECON 230 or ECON 231; (2) MATH 108; (3) 18 points from STAT courses.

R: ECON 331

EQ: ECON 331

FINC331-09S2 (C) **Semester 2**

FINC 354 Advanced Corporate Finance

28 points 0.2333 EFTS

Financial markets and instruments, valuing financial assets; valuing real assets; capital structure; incentives, information and corporate control; risk management.

P: (1) AFIS 204 or FINC 202; (2) at least 18 points from MATH 104, MATH 105, MATH 107, MATH 109, MSCI 110, STAT 111, (STAT 112 to STAT 131).

R: AFIS 304, AFIS 504

FINC354-09S2 (C) **Semester 2**

FINC 364 Investment Analysis and Portfolio Management

28 points 0.2333 EFTS

Investment setting, portfolio theory, efficient markets hypothesis; fixed-income securities, equities, futures and options. Asset allocation and portfolio performance.

P: (1) AFIS 204 or AFIS 214 or FINC 202 or FINC 203; (2) at least 18 points from MATH 104, MATH 105, MATH 107, MATH 109, MSCI 110, STAT 111, (STAT 112 to STAT 131).

R: AFIS 314, AFIS 514

FINC364-09S1 (C) **Semester 1**

FINC 394 Financial Analysis and Valuation

28 points 0.2333 EFTS

Not Offered in 2009

Financial analysis, forecasting, valuation theory and concepts, valuation implications, equity analysis, credit analysis, distress prediction, financial information and

capital market, financing policies, mergers and acquisitions, communication and governance.

P: (1) AFIS 204 or FINC 202; (2) at least 18 points from MATH 104, MATH 105, MATH 107, MATH 109, MSCI 110, STAT 111, (STAT 112 to STAT 131).
R: AFIS 344

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 Corporate Finance Theory

0.1250 EFTS

P: Subject to approval of the Head of Department.
R: AFIS 622
RP: AFIS 304 or AFIS 314 or ECON 311

FINC601-09S1 (C) **Semester 1**

FINC 602 Special Topic: Finance Research

0.1250 EFTS

Not Offered in 2009
P: Subject to approval of the Head of Department
R: AFIS 641

FINC 603 Special Topic: Investment and Portfolio Theory (H)

0.1250 EFTS

The aim of the course is to provide students with a rigorous introduction to the pricing and hedging of derivative securities such as forwards, futures, options, swaps and mortgage backed securities.

P: Subject to approval of the Head of Department.
R: AFIS 603, AFIS 616

FINC603-09S1 (C) **Semester 1**

FINC 605 Special Topic: Financial Asset Pricing

0.1250 EFTS

R: ECON 461, ECON 661

FINC605-09S2 (C) **Semester 2**

FINC 607 Special Topic: Empirical Finance

0.1250 EFTS

R: ECON 460, ECON 660

FINC607-09S1 (C) **Semester 1**

FINC 608 Special Topic: Research Methods in Finance

0.1250 EFTS

Not Offered in 2009
A critical review of research papers in finance journals. Topics of interest include event studies and valuation.

P: Subject to approval of the Head of Department
R: AFIS 667

FINC 680 Research Project

0.2500 EFTS

P: Subject to approval of the Head of Department.

FINC680-09W (C) **Whole Year (S1 and S2)**

FINC 695 MCom Thesis

1.0000 EFTS

P: Subject to approval of the Head of Department.

FINC695-09A (C) **Starts Anytime**

Note: 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.

FINC790-09A (C) **Starts Anytime**

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

Fine Arts Intermediate

College of Arts

FINT 103 Drawing and Methods

85 points 0.7083 EFTS

An introduction to basic drawing modes and practical processes.

FINT103-09W (C) **Whole Year (S1 and S2)**

Note: 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

0.1000 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.

ENFE601-09S1 (C) **Semester 1**

ENFE 602 Fire Dynamics

0.1000 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.
R: ENCI 663
EQ: ENCI 663

ENFE602-09S1 (C) **Semester 1**

ENFE 603 Fire Safety Systems
0.1000 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

ENFE603-09S1 (C) **Semester 1**

ENFE 604 Fire Design Case Study
0.1000 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.

ENFE604-09S2 (C) **Semester 2**

ENFE 610 Advanced Fire Dynamics
0.1000 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.

ENFE610-09S2 (C) **Semester 2**

ENFE 612 Special Topic in Fire Engineering
0.1000 EFTS

P: Subject to approval of the Head of Department.

ENFE612-09S1 (C) **Semester 1**
ENFE612-09W (C) **Whole Year (S1 and S2)**
ENFE612-09S2 (C) **Semester 2**

ENFE 613 Special Topic: Human Behaviour in Fire
0.1000 EFTS

Not Offered in 2009

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
0.1000 EFTS

P: Subject to approval of the Head of Department.

ENFE614-09S1 (C) **Semester 1**
ENFE614-09W (C) **Whole Year (S1 and S2)**
ENFE614-09S2 (C) **Semester 2**

ENFE 675 Independent Course of Study
0.1000 EFTS

P: Subject to approval of the Head of Department.

ENFE675-09S1 (C) **Semester 1**
ENFE675-09W (C) **Whole Year (S1 and S2)**
ENFE675-09S2 (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.

ENFE680-09A (C) **Starts Anytime**
ENFE680-09W (C) **Whole Year (S1 and S2)**

ENFE 690 MEFE Thesis
1.0000 EFTS

P: Subject to approval of the Head of Department.

ENFE690-09A (C) **Starts Anytime**

Note: 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.

ENFE790-09A (C) **Starts Anytime**

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

Forest Engineering

School of Forestry

Note: Timetable information for professional engineering courses will be available at www.engf.canterbury.ac.nz/timetables.html from 1 February 2009.

ENFO 204 Forest Measurement
14 points 0.1100 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

ENFO204-09W (C) **Whole Year (S1 and S2)**

ENFO 307 Plantation Silviculture
20 points 0.1667 EFTS

Plantation silviculture: species selection, genetic improvement, clonal forestry, establishment, manipulation of stand

density, harvesting impacts. Integrated decision-making. Management for non-wood products.

P: Subject to approval of the Director of Studies, Forest Engineering.
R: FORE 307

ENFO307-09S2 (C) **Semester 2**

ENFO 316 Forest Management

20 points 0.1667 EFTS

Development of integrated natural resource management approaches to various decision-making techniques. Application of quantitative techniques for analysis of wood production problems, including log manufacturing, log allocation, stand simulation and optimisation.

P: Subject to approval of the Director of Studies, Forest Engineering.
R: FORE 316

ENFO316-09S1 (C) **Semester 1**

ENFO 327 Wood Science

20 points 0.1667 EFTS

Wood structure. Wood/fluid relationships. Biodeterioration of wood. Wood preservation. Mechanical conversion. Panel products. Wood as an engineering material. Wood in building. Use of wood residues. Wood chemistry. Pulp and paper.

P: Subject to approval of the Director of Studies, Forest Engineering.
R: FORE 327

ENFO327-09S1 (C) **Semester 1**

ENFO 343 Introduction to Forest Engineering

14 points 0.1100 EFTS

History of logging and reasons for harvesting. Steps in the harvesting process; common equipment use in forest operations; machine capabilities and limitations. Developing harvesting systems, including ground-based, cable and helicopter. Introduction to harvest planning and forest roads; machine costing and system productivity. Environmental and safety aspects of forestry operations; the Resource Management Act and the Occupational Safety and Health Act. Forest hydrology; with a focus on minimising impacts of operations on water quality.

P: Subject to approval of the Director of Studies, Forest Engineering.
R: FORE 305

ENFO343-09S2 (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.

ENFO411-09S1 (C) **Semester 1**

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.

ENFO420-09S1 (C) **Semester 1**

ENFO 422 Forest Harvest Planning

18 points 0.1450 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: Subject to approval of the Director of Studies, Forest Engineering.
R: FORE 422

ENFO422-09S1 (C) **Semester 1**

ENFO 423 Forest Transportation and Road Design

18 points 0.1450 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: Subject to approval of the Director of Studies, Forest Engineering.
R: FORE 423

ENFO423-09S2 (C) **Semester 2**

ENFO 491 Special Topic

15 points 0.1250 EFTS

P: Subject to approval of the Director of Studies, Forest Engineering.

ENFO491-09S1 (C) **Semester 1**

ENFO 492 Special Topic
15 points 0.1250 EFTS
P: Subject to approval of the Director of Studies, Forest Engineering.
ENFO492-09S2 (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.

ENFO 790 Forest Engineering PhD
1.0000 EFTS
P: Subject to approval of the Head of Department.
ENFO790-09A (C) Starts Anytime
Note: Part-time enrolment (0.65 EFTS) is available on approval.
**From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Forestry

School of Forestry

FORE 102 Forests and Societies
18 points 0.1500 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: HOD approval to enrol required.
R: FORE 101, FORE 103, FORE 104, FORE 111, FORE 121
FORE102-09S1 (D) Semester 1
Note: Only for those taking First Forestry examinations at another University.
FORE102-09S2 (D) Semester 2
Note: Only for those taking First Forestry examinations at another University.

FORE 105 Forests of the World
18 points 0.1500 EFTS
Forests of the world, wood energy, conservation and environment.
R: FORE 111, FORE 121
FORE105-08SU2 (C) Summer (Nov 08)

FORE 111 Trees, Forests and the Environment
9 points 0.0750 EFTS
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.
R: FORE 101, FORE 102, FORE 103, FORE 104
FORE111-09S1 (C) Semester 1

FORE 121 Forests and People
9 points 0.0750 EFTS
Forests and their relationships with people from the beginning of human history to the present day. Problems associated with misuse of forests. Community and urban forestry. Connections between forests and war, forests and colonialisation, forests and religion and forests and the global village. Climate change and carbon credits. Forest certification. Forests in New Zealand. Treaty obligations. New Zealand Forest Policy. Biosecurity.
R: FORE 101, FORE 102, FORE 103, FORE 104
FORE121-09S2 (C) Semester 2

FORE 131 Trees in the Landscape
9 points 0.0750 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 stabilisation, amenity and recreation. Note: Attendance at field trips is a requirement of this course.
FORE131-09S2 (C) Semester 2

FORE 141 Forest Growth and Measurements
9 points 0.0750 EFTS
Tree and stand growth measures. Forest, tree and log measurement including density, height, diameter, volume, shape. Sampling methods. Forestry inventory.
R: ENFO 204
FORE141-09S1 (C) Semester 1

FORE 151 Commercial Aspects of Forestry
9 points 0.0750 EFTS
Review of global and national forest resources. Accounting for profit-directed forestry activities and long term assets.
FORE151-09S2 (C) Semester 2

FORE 202 Ecology
23 points 0.1850 EFTS
New Zealand vegetation and the factors affecting it, including plant population ecology, competition, light, temperature, water, nutrients, animals, microbes, disturbance and succession.
P: BIOL 112 and BIOL 113 or their equivalents.
R: PAMS 204, BIOL 270
EQ: BIOL 270
FORE202-09S1 (C) Semester 1

FORE 215 Introduction to Forest Economics

12 points 0.1000 EFTS

Forestry in the national economy. Forest industries, and forest accounting. Taxation and forestry. Forest valuation. Project appraisal, design and budgeting. Social economics.

FORE215-09S1 (C) **Semester 1**

FORE 216 Surveying and Information Technology in Forestry

12 points 0.1000 EFTS

Distance and angular measurements. Area calculation. Introduction to photogrammetry, global positioning systems (GPS) and geographic information systems (GIS).

R: ENFO 204

FORE216-09S2 (C) **Semester 2**

FORE 218 Forest Ecosystem Health

18 points 0.1500 EFTS

Natural history of New Zealand. Science and management of forest pests, disease, wind, fire, biosecurity and risk. Systematic botany of New Zealand indigenous forest species and the major trees of the world.

P: BIOL 112 and BIOL 113, or their equivalents.

FORE218-09S1 (C) **Semester 1**

FORE 219 Introduction to Silviculture

18 points 0.1500 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 their equivalents.
R: PAMS 202, BIOL 252, FORE 214

FORE219-09S2 (C) **Semester 2**

FORE 222 Biometry 1A

10 points 0.0850 EFTS

A practical introduction to commonly used statistical practices. The emphasis is on real data and the application of statistical techniques.

P: STAT 111 or STAT 112 or STAT 131
R: FORE 210, STAT 222

FORE222-09S1 (C) **Semester 1**

FORE 224 Biometry 1B

10 points 0.0850 EFTS

Regression models are widely used statistical tools for examining the relationships between variables. This course will provide a practical introduction to the fundamentals of regression modelling.

P: STAT 111 or STAT 112 or STAT 131
R: FORE 210, STAT 224

FORE224-09S2 (C) **Semester 2**

FORE 305 Introduction to Forest Engineering

23 points 0.1850 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.

R: FORE 578, ENFO 343

FORE305-09S2 (C) **Semester 2**

FORE 307 Plantation Silviculture

23 points 0.1850 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
RP: FORE 218, FORE 219

FORE307-09S2 (C) **Semester 2**

FORE 316 Forest Management

23 points 0.1850 EFTS

Development of integrated natural resource management approaches to various decision-making techniques. Application of quantitative techniques for analysis of wood production problems, including log manufacturing, log allocation, stand simulation and optimisation.

R: ENFO 316, FORE 319, FORE 320

FORE316-09S1 (C) **Semester 1**

FORE 327 Wood Science

23 points 0.1850 EFTS

Wood structure. Wood/fluid relationships. Biodeterioration of wood. Wood preservation. Mechanical conservation. Panel products. Wood as an engineering material. Wood in building. Use of wood residues. Wood chemistry. Pulp and paper.

R: ENFO 327, FORE 306, FORE 427

FORE327-09S1 (C) **Semester 1**

FORE 404 Special Topic

18 points 0.1500 EFTS

FORE404-09S2 (C) **Semester 2**

FORE 405 Special Topic

18 points 0.1500 EFTS

FORE405-09S1 (C) **Semester 1**

FORE 406 Special Topic

18 points 0.1500 EFTS

FORE406-09S2 (C) **Semester 2**

Please check www.canterbury.ac.nz/courses for the latest course information.

FORE 407 Special Topic
18 points 0.1500 EFTS
FORE407-09S1 (C) **Semester 1**

FORE 408 Special Topic
18 points 0.1500 EFTS
FORE408-09S1 (C) **Semester 1**

FORE 409 Special Topic
18 points 0.1500 EFTS
FORE409-09S1 (C) **Semester 1**

FORE 414 Dissertation
35 points 0.2900 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.

FORE414-09W (C) **Whole Year (S1 and S2)**
FORE414-09S2 (C) **Semester 2**

FORE 419 Management Case Study
31 points 0.2550 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

FORE419-09S1 (C) **Semester 1**

FORE 422 Forest Harvest Planning
18 points 0.1500 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 305
R: ENFO 422

FORE422-09S1 (C) **Semester 1**

FORE 423 Forest Transportation and Road Design
18 points 0.1500 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 305
R: ENFO 423

FORE423-09S2 (C) **Semester 2**

FORE 426 Forest Products Marketing and International Trade
18 points 0.1500 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.

FORE426-09S1 (C) **Semester 1**

FORE 435 Forest Economics 2
18 points 0.1500 EFTS
Project analysis, forest valuation, risk and uncertainty. Forestry as a business.

R: FORE 211, FORE 425

FORE435-09S2 (C) **Semester 2**

FORE 436 Forest Tree Breeding
18 points 0.1500 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; priniciples and practices of conservation of genetic resources.

R: FORE 408 (2006-2007)

FORE436-09S1 (C) **Semester 1**

FORE 441 Engineered Wood Products
18 points 0.1500 EFTS
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

FORE441-09S2 (C) **Semester 2**

FORE 442 Application of Information Technology in Forestry
18 points 0.1500 EFTS
Overview of Forestry management situations to which information technology could be applied. Utilisation of information technology software, including MapInfo, ArcView and GPS. Applications of information technology to forestry management issues such as conservation and biosecurity, forest roading and harvesting, forest inventory and forest asset monitoring, product transportation and logistics and product chain of custody.

R: ENCI 462

FORE442-09S2 (C) **Semester 2**

FORE 443 Biosecurity Risk Management
18 points 0.1500 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.

FORE443-09S1 (C) **Semester 1**

FORE 444 Sustaining Biodiversity on Private Land
16 points 0.1333 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

FORE444-09S2 (C) **Semester 2**

FORE 445 Environmental Forestry
16 points 0.1333 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.

FORE445-09S2 (C) **Semester 2**

FORE 475 Independent Course of Study
18 points 0.1500 EFTS
P: Subject to approval of the Head of Department.

FORE475-09S1 (C) **Semester 1**
FORE475-09W (C) **Whole Year (S1 and S2)**
FORE475-09S2 (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)

FORE604-09S1 (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.

FORE606-09S2 (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.

FORE607-09S1 (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.

FORE609-09S2 (C) **Semester 2**

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.

FORE610-09S1 (C) **Semester 1**

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.

FORE612-09S2 (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.

FORE613-09S1 (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.

FORE616-09S1 (C) **Semester 1**

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.

FORE624-09S2 (C) **Semester 2**

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.

FORE641-09S1 (C) **Semester 1**

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.

FORE642-09S2 (C) **Semester 2**

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.

FORE643-09S1 (D) **Semester 1**

Note: 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

FORE650-09S1 (C) **Semester 1**
FORE650-09W (C) **Whole Year (S1 and S2)**
FORE650-09S2 (C) **Semester 2**

FORE 651 Special Topic in Forestry Science

0.2500 EFTS

P: Subject to approval of the Head of Department

FORE651-09S1 (C) **Semester 1**
FORE651-09W (C) **Whole Year (S1 and S2)**
FORE651-09S2 (C) **Semester 2**

FORE 652 Special Topic

0.2500 EFTS

P: Subject to Head of Department approval.

FORE652-09S1 (C) **Semester 1**

FORE 653 Special Topic

0.2500 EFTS

P: Subject to Head of Department approval.

FORE653-09S1 (C) **Semester 1**

FORE 654 Special Topic

0.2500 EFTS

P: Subject to Head of Department approval.

FORE654-09S1 (C) **Semester 1**

FORE 655 Special Topic

0.2500 EFTS

The application of restoration ecology to biodiversity conservation in New Zealand.

FORE655-09S2 (C) **Semester 2**

FORE 656 Special Topic

0.2500 EFTS

FORE656-09S2 (C) **Semester 2**

FORE 657 Special Topic

0.2500 EFTS

FORE657-09S2 (C) **Semester 2**

FORE 658 Special Topic

0.2500 EFTS

P: Subject to Head of Department approval.

FORE658-09S2 (C) **Semester 2**

FORE 659 Special Topic

0.2500 EFTS

P: Subject to Head of Department approval.

FORE659-09S1 (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.

FORE665-09S1 (C) **Semester 1**

FORE 672 Special Topic- Research Project

0.5000 EFTS

Not Offered in 2009

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.

FORE675-09S1 (C) **Semester 1**
FORE675-09W (C) **Whole Year (S1 and S2)**
FORE675-09S2 (C) **Semester 2**

FORE 679 MForSc Report

0.5000 EFTS

P: Subject to approval of the Head of Department.

FORE679-09A (C) **Starts Anytime**
FORE679-09S1 (C) **Semester 1**
FORE679-09S2 (C) **Semester 2**

FORE 690 MForSc Thesis

1.0000 EFTS

P: Subject to approval of the Head of Department.

FORE690-09A (C) **Starts Anytime**

Note: 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.

FORE790-09A (C) **Starts Anytime**

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

Foundation Studies (pre-entry)

UC Opportunity

Note: Foundation Studies courses are non-degree courses designed to assist international students to develop the skills necessary for successful tertiary study.

FOUN 040 Foundation English Language

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 retrieval, assignment production and communication.

P: Subject to approval of the Programme Manager.
R: FOUN 001

FOUN040-09F1 (C) **Foundation 1**
FOUN040-09F2 (C) **Foundation 2**
FOUN040-09F3 (C) **Foundation 3**

FOUN 041 Academic Communication

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 001

FOUN041-09F1 (C) **Foundation 1**
FOUN041-09F2 (C) **Foundation 2**
FOUN041-09F3 (C) **Foundation 3**

FOUN 042 The World of Science

20 points 0.1670 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 004, FOUN 005, FOUN 012

FOUN042-09F1 (C) **Foundation 1**
FOUN042-09F2 (C) **Foundation 2**
FOUN042-09F3 (C) **Foundation 3**

FOUN 043 The World of Business

20 points 0.1670 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 006, FOUN 007

FOUN043-09F1 (C) **Foundation 1**
FOUN043-09F2 (C) **Foundation 2**
FOUN043-09F3 (C) **Foundation 3**

FOUN 044 Introduction to the Humanities and Social Sciences

20 points 0.1670 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 013, FOUN 014

FOUN044-09F1 (C) **Foundation 1**
FOUN044-09F2 (C) **Foundation 2**
FOUN044-09F3 (C) **Foundation 3**

FOUN 045 Statistics: Data and Probability

15 points 0.1250 EFTS

This introductory Statistics course prepares students for 100 level Statistics and meets the numeracy requirement for admission to undergraduate study.

P: Subject to approval of the Programme Manager.

FOUN045-09F1 (C) **Foundation 1**
FOUN045-09F2 (C) **Foundation 2**
FOUN045-09F3 (C) **Foundation 3**

FOUN 046 Mathematics Level One

15 points 0.1250 EFTS

This course provides students from non-English speaking backgrounds with a foundation in Algebra and Calculus necessary for the course Mathematics Level 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: FOUN 003, PREP 009

FOUN046-09F1 (C) **Foundation 1**
FOUN046-09F2 (C) **Foundation 2**
FOUN046-09F3 (C) **Foundation 3**

FOUN 047 Mathematics Level 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 or equivalent. Subject to approval of the Programme Manager.
R: FOUN 003

FOUN047-09F1 (C) **Foundation 1**
FOUN047-09F2 (C) **Foundation 2**
FOUN047-09F3 (C) **Foundation 3**

FOUN 060 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: FOUN 047
R: FOUN 004

FOUN060-09F1 (C) **Foundation 1**
FOUN060-09F2 (C) **Foundation 2**
FOUN060-09F3 (C) **Foundation 3**

FOUN 062 Chemistry

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 005

FOUN062-09F1 (C) **Foundation 1**
FOUN062-09F2 (C) **Foundation 2**
FOUN062-09F3 (C) **Foundation 3**

FOUN 063 Biology

15 points 0.1250 EFTS

Not Offered in 2009

This course is an introduction to the Biological skills, concepts and knowledge required by non-English speaking background students for subsequent studies in undegraduate courses in Biology and related disciplines.

P: Subject to approval of the Programme Manager.
R: FOUN 012

FOUN 064 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 007

FOUN064-09F1 (C) **Foundation 1**
FOUN064-09F2 (C) **Foundation 2**
FOUN064-09F3 (C) **Foundation 3**

FOUN 065 Economics

15 points 0.1250 EFTS

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 006, PREP 012

FOUN065-09F1 (C) **Foundation 1**
FOUN065-09F2 (C) **Foundation 2**
FOUN065-09F3 (C) **Foundation 3**

FOUN 066 Special Topic

15 points 0.1250 EFTS

P: Subject to approval of the Programme Manager

FOUN066-09F1 (C) **Foundation 1**
FOUN066-09S1 (C) **Semester 1**
FOUN066-09F2 (C) **Foundation 2**
FOUN066-09S2 (C) **Semester 2**
FOUN066-09F3 (C) **Foundation 3**

FOUN 067 Special Topic
30 points 0.2500 EFTS
P: Subject to approval of the Programme Manager.
FOUN067-09W (C) **Whole Year (S1 and S2)**

FOUN 068 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
FOUN068-09F1 (C) **Foundation 1**
FOUN068-09F2 (C) **Foundation 2**
FOUN068-09F3 (C) **Foundation 3**

French

College of Arts

EULC 101 European Society in Film
18 points 0.1500 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
EULC101-09S2 (C) **Semester 2**

FREN 106 French Studies 1
18 points 0.1500 EFTS
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
FREN106-09S1 (C) **Semester 1**

FREN 121 Beginners' French A
18 points 0.1500 EFTS
This is an introductory course for students who have no previous knowledge of French. It is the first course in a sequence of six French language acquisition courses offered by the school.
R: FREN 104, FREN 127
FREN121-09S1 (C) **Semester 1**

FREN 122 Beginners' French B
18 points 0.1500 EFTS
This is the second course in a sequence of six French language acquisition courses offered by the school. 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
FREN122-09S2 (C) **Semester 2**

FREN 123 Intermediate French
18 points 0.1500 EFTS
This is the third course in a sequence of six French language acquisition courses offered by the school. 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
FREN123-09S1 (C) **Semester 1**

FREN 124 French Language 1
18 points 0.1500 EFTS
This is the fourth course in a sequence of six French language acquisition courses offered by the school. 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 this course.
P: FREN 123 or a level in French acceptable to the Programme Director.
R: FREN 111
FREN124-09S2 (C) **Semester 2**

FREN 127 French for Beginners
18 points 0.1500 EFTS
This course is for those who have little or no previous knowledge of the French language. It provides students with a knowledge of basic grammatical structures and vocabulary, and an understanding of some everyday French social customs and non-verbal communication.
R: FREN 104, FREN 112, FREN 121, FREN 122, FREN 123, FREN 124, FREN 201, FREN 301
FREN127-08SU2 (C) **Summer (Nov 08)**

FREN 128 Tourist and Business French B
18 points 0.1500 EFTS
Not Offered in 2009
An intensive course for people who have done some French. Activity-based classes develop reading, writing, listening and speaking with a focus on tourism and business contexts.
P: FREN 121, FREN 127 or a level acceptable to the Programme Director
R: FREN 104, FREN 112, FREN 122, FREN 123, FREN 124, FREN 201, FREN 301.

FREN 201 French Language 2
22 points 0.1833 EFTS
This is the fifth course in a sequence of six French language acquisition courses offered by the school. Students who have excelled in NCEA level 3, or equivalent, may be eligible to apply for direct entry to FREN201.
P: FREN 124 or FREN 111
FREN201-09S1 (C) **Semester 1**

FREN 211 The Legacy of France

22 points 0.1833 EFTS

This course continues the study of French texts, films and topics in French culture. Students must be able to read French.

P: Any 54 points
R: FREN 208, FREN 304, FREN 311

FREN211-09S1 (C) **Semester 1**

FREN 212 French Cultural Classics

22 points 0.1833 EFTS

This course continues the study of French texts and films in English.

P: Any 54 points
R: FREN 312

FREN212-09S2 (C) **Semester 2**

FREN 223 Beyond Conversation: Introduction to French Linguistics

22 points 0.1833 EFTS

This course, intended for second-year students, is of interest to students wishing to increase their understanding of the French language by means of linguistics. Classes are in English. The aim of this course is to cover some of the main areas of linguistics in French as a living language - phonetics, phonology (phonostylistics), morphology, syntax, semantics - in different registers and regions of France and the world.

P: FREN 111 or FREN 124
R: FREN 322

FREN223-09S2 (C) **Semester 2**

FREN 301 French Language 3

28 points 0.2333 EFTS

This is the sixth course in a sequence of six French language acquisition courses offered by the school.

P: FREN 201

FREN301-09S2 (C) **Semester 2**

FREN 311 The Legacy of France

28 points 0.2333 EFTS

This course continues the study of French texts, films and topics in French culture. Students must be able to read French.

P: Any 44 points at 200 level
R: FREN 208, FREN 304, FREN 211

FREN311-09S1 (C) **Semester 1**

FREN 312 French Cultural Classics

28 points 0.2333 EFTS

This course continues the study of French texts and films in English.

P: Any 44 points at 200 level
R: FREN 212

FREN312-09S2 (C) **Semester 2**

FREN 322 Beyond Conversation: Introduction to French Linguistics

28 points 0.2333 EFTS

This course, intended for third-year students, is of interest to students wishing to increase their understanding of the French language by means of linguistics. Classes are in English with assignments and tutorials in French. The aim of this course is to cover some of the main areas of linguistics in French as a living language - phonetics, phonology (phonostylistics), morphology, syntax, semantics - in different registers and regions of France and the world.

P: FREN 201
R: FREN 223

FREN322-09S2 (C) **Semester 2**

FREN 323 Painting in France 1848-1900

28 points 0.2333 EFTS

This course examines aspects of painting in France between about 1848 and 1900.

P: 76 points in FREN and 22 points in ARTH at 200 level.
R: ARTH 203, ARTH 323
EQ: ARTH 323

FREN323-09S2 (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.

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.

FREN401-09W (C) **Whole Year (S1 and S2)**

FREN 402 French Theatre

0.2500 EFTS

P: Subject to approval of the Programme Director.

FREN402-09W (C) **Whole Year (S1 and S2)**

FREN 404 French Poetry

0.2500 EFTS

P: Subject to approval of the Programme Director.

FREN404-09W (C) **Whole Year (S1 and S2)**

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.

FREN406-09W (C) **Whole Year (S1 and S2)**

FREN 408 History of Ideas

0.2500 EFTS

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.

FREN408-09W (C) **Whole Year (S1 and S2)**

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.

FREN411-09W (C) **Whole Year (S1 and S2)**

FREN 413 A Medieval Topic

0.2500 EFTS

Medieval Language and Literature.

P: Subject to approval of the Programme Director.

FREN413-09W (C) **Whole Year (S1 and S2)**

FREN 415 A Topic in the Modern French Novel

0.2500 EFTS

P: Subject to approval of the Programme Director.

FREN415-09W (C) **Whole Year (S1 and S2)**

FREN 418 Special Topic

0.2500 EFTS

French Literature and Cinema. The comparison of text and film is intended to evaluate what specifically belongs to each medium.

P: Subject to approval of the Programme Director.

FREN418-09W (C) **Whole Year (S1 and S2)**

FREN 419 Special Topic

0.2500 EFTS

Topics will be chosen according to students' previous experience of medieval literature.

P: Subject to approval of the Programme Director.

FREN419-09W (C) **Whole Year (S1 and S2)**

FREN 420 Special Topic

0.2500 EFTS

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.

FREN420-09W (C) **Whole Year (S1 and S2)**

FREN 421 Colonialism to Partnership? Europe in the Pacific

0.2500 EFTS

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

FREN421-09W (C) **Whole Year (S1 and S2)**

FREN 422 Translation Theory and Practice

0.2500 EFTS

P: Subject to approval of the Head of School
R: FREN 417, LANC 401

FREN422-09S1 (C) **Semester 1**

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
R: FREN 417

LANC401-09S1 (C) **Semester 1**

FREN 690 MA Thesis

1.0000 EFTS

P: Subject to approval of the Head of School.

FREN690-09A (C) **Starts Anytime**

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

FREN 790 French PhD

1.0000 EFTS

P: Subject to approval of the Head of School.

FREN790-09A (C) **Starts Anytime**

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

Gender Studies

College of Arts

GEND 101 Gender in Focus

18 points 0.1500 EFTS

This course provides an introduction to critical perspectives on gender issues in topics such as the media and popular culture, sexuality, health and technology.

R: FMST 101, AMST 114

GEND101-09S1 (C) **Semester 1**

GEND 102 Fantasy on Flesh: Bodies, Images and the Politics of Representation

18 points 0.1500 EFTS

An examination of various "chapters" in the body's history. The course will explore how systems of meaning about the body have been constructed in various historical and cultural contexts, and consider the social and political effects of these constructions.

R: FMST 102, GEND 112, AMST 113, CULT 112, AMST 142
EQ: AMST 142, CULT 112

GEND102-09S2 (C) **Semester 2**

GEND 105 Childhood in Children's Literature

18 points 0.1500 EFTS

An introduction to changing representations of the child and childhood in children's literature from the late eighteenth century to the present.

R: GEND 219, ENGL 115
EQ: ENGL 115

GEND105-09SU1 (C) **Summer (Jan 09)**

GEND 111 Women Writing Across the Centuries: Queen Elizabeth 1 to Zadie Smith

18 points 0.1500 EFTS

Not Offered in 2009

This course offers an introduction to women writers and their work, over a period of four hundred years. It will examine women's lives, and the social, political and cultural conditions in which they wrote.

R: ENGL 113, CULT 111
EQ: CULT 111, ENGL 113

GEND 208 Postcolonialism and Identities

22 points 0.1833 EFTS

Drawing on colonial history and postcolonial studies, this course explores how gender intersects with race, culture, ethnicity, nationality and place in reproducing or challenging both specific identity claims and communal boundaries. Notions of diaspora and space are introduced and critically examined.

P: Either 18 points of GEND at 100 level, or 18 points of SOCI at 100 level with a B pass or better; or 36 points of SOCI at 100 level; alternatively students without these prerequisites but with a B average in 72 points from the Arts schedule may be admitted to this course with approval of the Programme Director.
R: SOCI 352, GEND 312, FMST 208, CULT 205, SOCI 208
EQ: CULT 205, SOCI 208

GEND208-09S2 (C) **Semester 2**

GEND 209 African American Women Writers

22 points 0.1833 EFTS

This course addresses the complex interactions 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: 18 points in GEND at 100 level. Students without this prerequisite, but with at least a B average in 72 points in the arts schedule, will be admitted to this course.
R: AMST 231, AMST 311, CULT 304, FMST 304, GEND 304
EQ: AMST 231

GEND209-09SU1 (C) **Summer (Jan 09)**

GEND 210 Gender and Development in International Relations

22 points 0.1833 EFTS

This course explores the global politics of both gender in development projects in the so-called third world, and gender in international market relations, including "sexploitation".

P: Either 18 points of GEND at 100 level, or 18 points of SOCI at 100 level with a B pass or better; or 36 points of SOCI at 100 level; alternatively students without these prerequisites but with a B average in 72 points from the Arts schedule may be admitted to this course with approval of the Programme Director.
R: GEND 306, CULT 306, FMST 206, FMST 306, SOCI 210, SOCI 310
EQ: SOCI 210

GEND210-09S1 (C) **Semester 1**

GEND 211 Sexualities in Culture

22 points 0.1833 EFTS

Not Offered in 2009

This course analyses representations and models of 'normal' and 'abnormal' sexuality as these occur in sexology, psychiatry, self-help psychology, cinema and popular culture, and queer activism.

P: Any 36 points from the Arts schedule, or with approval of Programme Director.
R: AMST 332, CULT 303, ENGL 332, GEND 307

GEND 213 From Bambi to Kong: The Animal in American Popular Culture

22 points 0.1833 EFTS

This course provides an introduction to human-animal studies through an analysis of cinematic representations of animals and the environment across horror and science fiction genres, animation, comedy and documentary.

P: Any 36 points from the Arts schedule, or with approval of Programme Director.
R: AMST 236, AMST 331, CULT 206, ENGL 243, GEND 311
EQ: AMST 236, CULT 206

GEND213-09S2 (C) **Semester 2**

GEND 214 Health, Technologies and Embodiment

22 points 0.1833 EFTS

Not Offered in 2009

This course aims to help students understand some of the linkages between health politics and practices, the experi-

ence of embodiment and new technologies and various forms of knowledge production.

P: 36 points of SOCI at 100 level or one of GEND 101-GEND 199 or HIST 128. Students without this prerequisite but with at least a B average of 72 points in appropriate courses may be admitted to Gender Studies courses with the approval of the Programme Director.
R: SOCI 247, SOCI 347, SOCI 236, GEND 310
EQ: SOCI 247

GEND 215 Heroines in History

22 points 0.1833 EFTS

From the days of the Virgin Mary to the advent of Paris Hilton, this course travels through time critically recovering a wide variety of global and local historical heroines. It moves beyond traditional mythological celebration to consider how women's histories have been told, re-told, and represented. What does it take to become celebrated as an icon or role model? Themes include spirituality, health and well-being, warrior and regal identities, politics, governance and domesticity, cross-dressing, martyrdom and untimely death, imperialism, science and technology, education and glamour.

P: 18 points in GEND at 100 level. Students without this prerequisite, but with at least a B average in 72 points in the arts schedule, will be admitted to this course.
R: HIST 361, HIST 255
EQ: HIST 255

GEND215-09S2 (C) **Semester 2**

GEND 218 Family and Kinship in Comparative Perspective

22 points 0.1833 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: 18 points in GEND at 100 level. Students without this prerequisite, but with at least a B average in 72 points in the arts schedule, will be admitted to this course.
R: ANTH 212, ANTH 312, GEND 318, SOCI 212, SOCI 312
EQ: SOCI 212, ANTH 212

GEND218-09S1 (C) **Semester 1**

GEND 221 Special Topic

22 points 0.1833 EFTS

Not Offered in 2009

P: 18 points in GEND at 100 level. Students without this prerequisite, but with at least a B average in 72 points in the arts schedule, will be admitted to this course.

GEND 222 Special Topic

22 points 0.1833 EFTS

Not Offered in 2009

P: 18 points in GEND at 100 level. Students without this prerequisite, but with at least a B average in 72 points in the arts schedule, will be admitted to this course.

GEND 223 Special Topic: Killer Women, Tough Guys and Power Rangers

22 points 0.1833 EFTS

This course examines representations of violence in a variety of popular culture forms including film, television programmes and video games. It locates this in the context of academic and popular debates about 'screen' or 'media violence'. Through a focus on characters such as Lara Croft, Power Rangers, Rambo, and Duke Nukem, the course will consider the ways in which representations of violence are informed by cultural ideas about gender, race/ethnicity, age and class.

P: One of GEND 101-199 or any 36 points in Arts subjects at 100 level.
R: CULT 130

GEND223-08SU2 (C) **Summer (Nov 08)**

GEND 224 Food and Eating

22 points 0.1833 EFTS

Not Offered in 2009

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: 18 points in GEND at 100 level. Students without this prerequisite, but with at least a B average in 72 points in the arts schedule, will be admitted to this course.
R: GEND 324, ANTH 208, ANTH 308, SOCI 262, SOCI 362
EQ: ANTH 208, SOCI 262

GEND 225 Psychology, Culture and Society

22 points 0.1833 EFTS

This course introduces students to the study of psychological phenomena as they are embedded within the formation of culture and society. It will focus on the relationship between psychology and the broader societal and cultural context in which people's thoughts, emotions, motivations and desires are formed and performed. This focus will be pursued through a series of topics of contemporary importance.

P: Either 18 points of GEND at 100 level, or 18 points of SOCI at 100 level with a B pass or better; or 36 points of SOCI at 100 level; alternatively students without these prerequisites but with a B average in 72 points from the Arts schedule may be admitted to this course with approval of the Programme Director.
R: SOCI 265, GEND 325, SOCI 365

GEND225-09S1 (C) **Semester 1**

GEND 226 Telling Stories - Constructing Selves

22 points 0.1833 EFTS

This course examines personal narratives, the contexts in which selves and stories are constructed and the technologies that facilitate storying in the 21st century. Course materials will include academic literature, a variety of commercial print media, as well as digital, film and television sources.

P: Either 18 points in GEND at 100 level, or 18 points in SOCI and a B pass or better, or 36 points in SOCI at 100 level.

Students without these prerequisites, but with at least a B average in 72 points in the BA Schedule, will be admitted to this course.
R: SOCI 270
EQ: SOCI 270
GEND226-08SU2 (C) **Summer (Nov 08)**

GEND 227 Independent Course of Study
22 points 0.1833 EFTS
P: GEND 101 or any 36 points in Arts subjects.
GEND227-09S1 (C) **Semester 1**

GEND 301 Theorising Gender
28 points 0.2333 EFTS
Theorising gender is a dynamic and constantly contested field. This course provides a critical historical and cross-cultural overview of how gender has been conceptualised and debated in contemporary and past societies.
P: Either 22 points of GEND at 200-level or a B average in 44 points in Arts subjects at 200-level.
R: FMST 301
GEND301-09S1 (C) **Semester 1**

GEND 304 African American Women Writers
28 points 0.2333 EFTS
Not Offered in 2009
This course addresses the complex interactions 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: One of AMST 201-AMST 299 or ENGL 236 or ENGL 237 or one of GEND 201-GEND 299 or a B average in any 44 points in Arts subjects at 200 level with the approval of the Programme Director.
R: AMST 231, AMST 311, CULT 304, FMST 304, GEND 209
EQ: AMST 311, CULT 304

GEND 306 Gender and Development in International Relations
28 points 0.2333 EFTS
This course explores the global politics of both gender in development projects in the so-called third world, and gender in international market relations, including "sexploitation".
P: Any 44 points in Arts subjects at 200 level.
R: FMST 206, FMST 306, CULT 306, GEND 210, SOCI 210, SOCI 310
EQ: CULT 306, SOCI 310
GEND306-09S1 (C) **Semester 1**

GEND 307 Sexualities in Culture
28 points 0.2333 EFTS
Not Offered in 2009
This course analyses representations and models of 'normal' and 'abnormal' sexuality as these occur in sexology, psychiatry, self-help psychology, cinema and popular culture, and queer activism.
P: Any 44 points from the Arts schedule at 200 level, or with approval of Programme Director.
R: AMST 332, CULT 303, ENGL 332, GEND 211
EQ: AMST 332, CULT 303, ENGL 332

GEND 310 Health, Technologies and Embodiment
28 points 0.2333 EFTS
Not Offered in 2009
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.
P: Any 44 points of SOCI at 200 level or one of GEND 201-GEND 299. Students without this prerequisite but with at least a B average of 88 points in appropriate subjects at 200 level may be admitted to the course with the approval of the Programme Director.
R: SOCI 247, SOCI 347, SOCI 236, SOCI 255, GEND 214
EQ: SOCI 347

GEND 311 From Bambi to Kong: The Animal in American Popular Culture
28 points 0.2333 EFTS
This course provides an introduction to human-animal studies through an analysis of cinematic representations of animals and the environment across horror and science fiction genres, animation, comedy and documentary.
P: Any 44 points from the Arts schedule at level 200, or with approval of Programme Director.
R: AMST 236, AMST 331, CULT 206, ENGL 243, GEND 213
EQ: AMST 331
GEND311-09S2 (C) **Semester 2**

GEND 312 Postcolonialism and Identities
28 points 0.2333 EFTS
Drawing on colonial history and postcolonial studies, this course explores how gender intersects with race, culture, ethnicity, nationality and place in reproducing or challenging both specific identity claims and communal boundaries. Notions of diaspora and space are introduced and critically examined.
P: One of GEND 201-GEND 299 or a B average in appropriate Arts subjects at 200 level with the approval of the Programme Director.
R: SOCI 208, SOCI 352, GEND 208, FMST 208, CULT 205
EQ: SOCI 352
GEND312-09S2 (C) **Semester 2**

GEND 313 Mana Wahine: Maori and Indigenous Women
28 points 0.2333 EFTS
Not Offered in 2009
This course aims to provide an analysis of Maori and indigenous women in historical, political, cultural and social contexts. Topics include: Maori women, dominant interpretations in theorizing Maori women, mythology, historical accounts, social organization, leadership, Maori women in

contemporary society. Both historical and contemporary influences on how Maori women are represented will be a feature of this course.

P: Either 22 points of GEND at 200 level or a B average in 44 points in Arts subjects at 200 level.
R: MAOR 365
EQ: MAOR 365

GEND 314 Special Topic

28 points 0.2333 EFTS

Not Offered in 2009

P: One of GEND 200-GEND 299 or a B average in 76 points in appropriate courses with the approval of the Programme Director

GEND 315 Special Topic

28 points 0.2333 EFTS

Not Offered in 2009

GEND 318 Kinship and Family in Comparative Perspective

28 points 0.2333 EFTS

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

GEND318-09S1 (C) **Semester 1**

GEND 324 Food and Eating

28 points 0.2333 EFTS

Not Offered in 2009

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: 54 points of ANTH of which 22 are at 200 level or 44 points of SOCI at 200 level or one of GEND 201-299 or a B average in any 40 points from the Arts Schedule.
R: ANTH 208, ANTH 308, GEND 224, SOCI 262, SOCI 362
EQ: ANTH 308, SOCI 362

GEND 326 Psychosocial Studies

28 points 0.2333 EFTS

This course will provide students with a grounding in the field of psychosocial studies. Students will learn the analytic methods and tools for a critical understanding human experience and behaviour. Psychosocial perspectives will be applied to understanding current issues such as health and chronic illness, psychological suffering, psychoanalysis and subjectivity, violence and criminality, group psychology and scapegoating, processes of social exclusion. Examples will be taken from both New Zealand and international contexts.

P: Any 44 points in Arts subjects or Psychology at 200 level.
R: SOCI 366
RP: SOCI 265 or GEND 225 strongly recommended.

GEND326-09S2 (C) **Semester 2**

GEND 327 Independent Course of Study

28 points 0.2333 EFTS

P: One of GEND 201-GEND 299 or a B average in any 44 points in Arts subjects at 200 level with the approval of the Programme Director.
R: GEND 226, SOCI 270

GEND327-08SU2 (C) **Summer (Nov 08)**

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 402 Gender and Sexualities in Education

0.2500 EFTS

An exploration of educational issues in the light of feminist theory and methodology. The course is feminist in content and approach.

P: Subject to approval of the Head of School.
R: EDUC 413

GEND402-09S1 (C) **Semester 1**

GEND 403 Sociology of Gender

0.2500 EFTS

Not Offered in 2009

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 Programme Director.
R: SOCI 403, CULT 407
EQ: CULT 407, SOCI 403

GEND 405 Theorising Gender

0.2500 EFTS

Theorising gender is a dynamic and constantly contested field. This course provides a critical historical and cross-cultural overview of how gender has been conceptualised and debated.

P: Subject to approval of the Programme Director.
R: GEND 301

GEND405-09S1 (C) **Semester 1**

GEND 407 Supervised Research

0.2500 EFTS

P: Subject to approval of the Programme Director.

GEND407-09S1 (C) **Semester 1**
GEND407-09S2 (C) **Semester 2**

GEND 408 Special Topic: Gender and Development

0.2500 EFTS

Contemporary theoretical issues and debates of (post) modern and (post) colonial discourses in relation to the question of development in a broad sense 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 Programme Director.
R: SOCI 408

GEND408-09S1 (C) **Semester 1**

GEND 411 Race, Ethnicity & Identity

0.2500 EFTS

Not Offered in 2009

This course examines contemporary women's 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, AMST 436
EQ: CULT 409, AMST 436

GEND 412 Constructing Feminist History

0.2500 EFTS

Not Offered in 2009

A synthesizing sweep of the construction of feminist history in post counter cultural western societies. It examines the growth and development of women's, gender and feminist history. The major theme is the contested position of women as essential subjects in history.

P: Subject to approval of the Programme Director.
R: CULT 404, HIST 440
EQ: CULT 404, HIST 440

GEND 413 Women/Theory/Film

0.2500 EFTS

This course investigates the changing place of women in film: as a glamorised spectacle and cultural commodity, as spectators and consumers, and also as creators and theorists.

P: Subject to the approval of the Head of Department.
R: TAFS 406
EQ: TAFS 406

GEND413-09S1 (C) **Semester 1**

GEND 420 Special Topic

0.2500 EFTS

P: Subject to approval of the Programme Director.

GEND420-09S1 (C) **Semester 1**

GEND 421 Special Topic

0.2500 EFTS

P: Subject to approval of the Programme Director.

GEND421-09S2 (C) **Semester 2**

GEND 426 Psychoanalysis and Contemporary Society

0.2500 EFTS

P: Subject to the approval of Head of School.
R: SOCI 466

GEND426-09S2 (C) **Semester 2**

GEND 690 Gender Studies MA Thesis

1.0000 EFTS

P: Subject to approval of the Programme Director.

GEND690-09A (C) **Starts Anytime**

Note: 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.

GEND790-09A (C) **Starts Anytime**

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

**From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Geography

Department of Geography

GEOG 106 Global Environmental Change

18 points 0.1500 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. Among the issues considered are population growth, food/fibre production, land degradation and global atmospheric processes. Goals of the course include: To understand how natural systems, such as the atmosphere and the carbon and hydrological cycles, operate. To assess the factors that drive human behaviour in respect of population, resource use and waste production. To investigate how people's activities affect natural systems, and the ways in which undesirable impacts can be regulated.

R: GEOG 103

GEOG106-09S1 (C) **Semester 1**

GEOG 107 Sustainable Cities: Environmental and Social Perspectives on Global Urbanisation

18 points 0.1500 EFTS

This course examines processes of global urbanisation in a range of different contexts, discussing the causes, patterns and demands of urban growth, and focusing on questions of environmental and social sustainability posed by the challenges of continually evolving urban systems. Goals of the course include: To explore the different paths of urbanisation in the developed, developing and former socialist/post-socialist world. To analyse the environmental demands of urban growth and its social impacts. To focus on questions of environmental and social sustainability and the challenges posed by continually evolving urban forms.

R: GEOG 103

GEOG107-09S1 (C) **Semester 1**

GEOG 108 Resources and Sustainability

18 points 0.1500 EFTS

This course explores the challenges posed to sustainability in a rapidly changing world. It provides students with a deeper understanding of the physical, political and cultural dimensions of environmental degradation. It also considers the variety of ways in which the environment can be approached conceptually and how these conceptual understandings lead to particular forms of natural resource management. Goals of the course include: To investigate the environmental, political and cultural processes that bring resources into being and reproduce and sustain them, and to analyse how attributes of the environment become resources for human use. To explore the diversity of approaches and perspectives that exist about sustainability in both first-world and development contexts. To consider how sustainability is constructed and understood by different social groups and the implications of these understandings for sustainable resource use and management.

R: GEOG 103

GEOG108-09S2 (C) **Semester 2**

GEOG 201 Environmental Processes: Principles and Applications

15 points 0.1250 EFTS

This course explores the principles and applications of physical environmental processes in the sub-disciplines of geomorphology, climatology and hydrology.

P: Any 36 points of 100 level geography, or entry with the approval of the HoD.

R: GEOG 201 prior to 2009.

GEOG201-09S1 (C) **Semester 1**

GEOG 202 Globalisation and New Urban Geographies

15 points 0.1250 EFTS

This course will provide students with an understanding of the economic, political and social structures and consequences of globalisation. It focuses on new geographies of urbanisation, mobilities and consumption, such as tourism, in the developed world.

P: Any 36 points of 100 level Geography, or entry with the approval of the HoD

GEOG202-09S1 (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 36 points at 100 level Geography, or entry with the approval of the HOD.

GEOG205-09S2 (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 36 points at 100 level Geography, or entry with the approval of the HOD

GEOG206-09S2 (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 36 points of 100 level geography or entry with the approval of the HoD

C: GEOG 201

R: GEOG 201 prior to 2009

GEOG211-09S1 (C) **Semester 1**

GEOG 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 36 points of 100 level GEOG, or entry with the approval of the HoD

GEOG212-09S2 (C) **Semester 2**

GEOG 213 Remaking the New Europe

22 points 0.1833 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 36 points of 100 level GEOG, or any 108 points approved by HOD.
R: GEOG 203, EURO 223
EQ: EURO 223

GEOG213-09SU1 (C) **Summer (Jan 09)**

GEOG 214 Applications in Physical Geography

22 points 0.1833 EFTS

The course aim is to provide a clear understanding of key landscape processes in Canterbury,including soil formation, the impacts of landuse change on the hydrological cycle, and coastal geomorphology, as well as of issues of management arising from human use. It is based on Web learning and two field weeks, one in Waipara and the other in Kaikoura.

P: 36 points of 100 level Geography or any 108 points approved by the Head of Department.

GEOG214-09SU1 (C) **Summer (Jan 09)**

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: 44 points of 200 level GEOG, or in special cases with approval of HOD.

GEOG305-09S1 (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: 44 points of 200 level GEOG, or in special cases with approval of the HOD.
R: GEOG 204, GEOG 303

GEOG309-09S2 (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 those that have an influence on the generation and decay of weather systems, but also those that affect the weather experienced in a local area, such as Canterbury. The emphasis is on factors important in short term weather changes, including stability/instability and atmospheric motion. These factors are studied in relation to air mass changes, as well as the effects of topography. Links between the general and synoptic scale atmospheric circulation are also studied, along with the effects of longer term change, such as the ENSO cycles.

P: 44 points of 200 level GEOG, including GEOG 201, or in special cases with approval of the HOD.

GEOG310-09S2 (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. GEOG311 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: 44 points of 200 level GEOG including GEOG 201, or in special cases with approval of HOD.

GEOG311-09S1 (C) **Semester 1**

GEOG 312 Glacial Processes

15 points 0.1250 EFTS

GEOG312 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: 44 points of 200 level GEOG, including GEOG 201, or in special cases with approval of the HOD.

GEOG312-09S2 (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: 44 points of 200 level GEOG, including GEOG 205, or in special cases with approval of the HOD.

GEOG313-09S1 (C) **Semester 1**

GEOG 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: 30 points of 200 level Geography including GEOG 202, or entry with the approval of HoD

GEOG320-09S2 (C) **Semester 2**

GEOG 321 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.

P: Either (1) 22 points at B average in any Arts subject or any 22 points in GEOG at 200 level; (2) 22 points of EURO at 200 level with a B pass OR 44 points of EURO at 200 level OR any 66 points from the Arts Schedule at 200 level

R: EURO 310

EQ: EURO 310

GEOG321-09S2 (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: 44 points of 200 level GEOG, or in special cases with approval of HOD.

GEOG322-09S1 (C) **Semester 1**

GEOG 323 Spatial Data Analysis

15 points 0.1250 EFTS

Themes are explored from the theory and methods of quantitative GI Science and advanced spatial analysis, with the emphasis upon arguing for the uniqueness of the 'G' in GIS. A variety of software packages are used to explore visualisation, exploratory spatial data analysis, autocorrelation, point pattern analysis, spatial statistics and the modifiable areal unit problem.

P: 44 points of 200 level Geography, including GEOG 205, or in special cases with approval of the Head of Department.

R: GEOG 431

GEOG323-09S1 (C) **Semester 1**

GEOG 324 Customising GIS

15 points 0.1250 EFTS

During this technical, largely lab based course, students will use the leading proprietary GIS software, ArcGIS, to obtain an appreciation of modifying the user interface, explore programming in a GIS context with the Python scripting language, build models with ModelBuilder, and to serve maps over the internet.

P: 44 points of 200 level GEOG, including GEOG 205, and GEOG 323, or in special cases with approval of HOD.

GEOG324-09S2 (C) **Semester 2**

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: 44 points of 200 level GEOG, or in special cases with approval of the HOD.

GEOG340-09SU1 (C) **Summer (Jan 09)**

GEOG 341 Burma (Myanmar): Geographies of Anti-Development

15 points 0.1250 EFTS

Burma was one of the first Asian colonies to receive independence (1948) at which time it was a well-educated and,

Please check www.canterbury.ac.nz/courses for the latest course information.

by Asian standards, wealthy society. Its post-independence experience has however been catastrophic: the longest established and one of the most authoritarian military regimes; least-developed country status; civil war; hard drug production; a severe AIDS problem; and collapse of traditional staple industries. These issues are addressed, paying particular attention to the period between 1962 and 1988.

P: 44 points of 200-level Geography, including GEOG 202, or approval of the HOD.

GEOG341-09SU1 (C) **Summer (Jan 09)**

GEOG 342 Political Geography and Political Corruption

15 points 0.1250 EFTS

Not Offered in 2009

What is political corruption? How does it arise, and what are the typical outcomes, in areas such as planning, public works and Third World development?

P: 44 points of 200-level Geography, including GEOG 202, or approval of the HOD.

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 Inequality

0.2500 EFTS

This course focuses on the role of geographic context in shaping health outcomes. The course illustrates how an understanding of population health must take into account the physical and social environment within which people live, and that health outcomes are not simply a reflection of the clustering of individuals with similar socio-economic attributes. Understanding and explaining health inequalities is a key theme running throughout this course.

P: Entry subject to approval of Head of Department.

R: GEOG 452

GEOG401-09S2 (C) **Semester 2**

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 the local government officials.

P: Entry subject to approval of Head of Department.

R: GEOG 446

GEOG402-09S1 (C) **Semester 1**

GEOG 403 Environmentalisms

0.2500 EFTS

The objectives of the course are twofold: firstly, to gain a greater appreciation of the differences between western and indigenous meanings of nature, where 'indigenous' refers primarily to the first peoples of New Zealand, Australia and Canada; and secondly to understand something of the distinctiveness but also pluralities and ambiguities of those meanings described as 'western' and 'indigenous'.

P: Entry subject to approval of Head of Department.

R: GEOG 441, GEOG 443

GEOG403-09S2 (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 those considering a career related to resource use.

P: Entry subject to approval of Head of Department.

R: GEOG 444

GEOG404-09S1 (C) **Semester 1**

Note: Limited entry. See limitation of entry regulations.

GEOG 405 Fundamentals of GIScience

0.2500 EFTS

Not Offered in 2009

This course explores the key theoretical, philosophical and technical underpinnings of Geographical Information Science at an advanced level from various perspectives. It also examines critiques of GIScience, and provides training in skills central to advanced GIS analysis. Students are expected to have a prior working knowledge of basic GIS.

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

R: GEOG 431, GEOG 323

GEOG 406 GeoVisualisation

0.2500 EFTS

This course explores the exciting and rapidly developing area of geovisualization, that is, the visualization of spatial data and information. It provides training in relevant techniques, and also considers applications of those techniques and their value. The techniques covered include application of GIS to visualization, and the use of other relevant software.

P: Entry subject to approval of Head of Department.

GEOG406-09S2 (C) **Semester 2**

GEOG 407 Earth Observation and Prediction

0.2500 EFTS

This course explores the use of data from earth orbiting satellites for monitoring and predicting the state of the environment at a range of spatial scales from regional to global. It provides practical experiences in modelling and data analysis.

P: Entry subject to approval of Head of Department.
R: GEOG 433, GEOG 434

GEOG407-09S1 (C) **Semester 1**

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

GEOG408-09S2 (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 informs 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

GEOG409-09S1 (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

GEOG410-09S2 (C) **Semester 2**

GEOG 411 Cultural Studies, Globalization and New Technologies

0.2500 EFTS

This course will develop an advanced understanding of the theoretical and practical implications of globalisation and new technologies for the field of cultural geography and cultural studies in the early Twenty-first Century.

P: Entry subject to approval of HOD
R: CULT 401
EQ: CULT 401

GEOG411-09S2 (C) **Semester 2**

GEOG 416 Special Topic: Spatial Data Analysis Techniques

0.1250 EFTS

Not Offered in 2009

P: Entry subject to approval of Head of Department
R: GEOG 323

GEOG 417 Special Topic: Customising GIS Techniques

0.1250 EFTS

P: Entry subject to approval of Head of Department
R: GEOG 324

GEOG417-09S2 (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

GEOG420-09W (C) **Whole Year (S1 and S2)**
GEOG420-09CY (C) **Cross Year**

GEOG 480 Research Project

0.1430 EFTS

Not Offered in 2009

P: Subject to approval of the Head of Department.
R: GEOG 481

GEOG 490 Research Project

0.1430 EFTS

Not Offered in 2009

P: Subject to approval of the Head of Department.
R: GEOG 491, GEOG 492

Please check www.canterbury.ac.nz/courses for the latest course information.

GEOG 690 MA Thesis

1.0000 EFTS

P: Subject to approval of the Head of Department.

GEOG690-09A (C) **Starts Anytime**

Note: 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 M.A. or M.Sc. Regulations for details of the other requirements for the degree.

P: Subject to approval of the Head of Department.

GEOG695-09A (C) **Starts Anytime**

GEOG 790 Geography PhD

1.0000 EFTS

P: Subject to approval of the Head of Department.

GEOG790-09A (C) **Starts Anytime**

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

**From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Geology

Department of Geological Sciences

GEOL 111 Planet Earth: An Introduction to Geology

18 points 0.1500 EFTS

A general introduction to the study of the dynamic Earth and its geology, including Earth structure and plate tectonics, volcanic activity, crystal processes and the nature of minerals and rocks.

R: ENCI 271

GEOL111-09S1 (C) **Semester 1**

GEOL 112 Understanding Earth History

18 points 0.1500 EFTS

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

GEOL112-09S2 (C) **Semester 2**

GEOL 113 Environmental Geohazards

18 points 0.1500 EFTS

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.

GEOL113-09S2 (C) **Semester 2**

GEOL 230 Field Studies A

11 points 0.0917 EFTS

A practical introduction to the observation, recording and interpretation of geological and geomorphological data in the field and how to compile a geological map. It includes laboratory classes and seven days in the field.

P: GEOL 111 and GEOL 112 (GEOL 113 may be substituted for either of these provided a candidate has attained an overall B grade in GEOL 100 level courses, or a standard which is acceptable to the HOD).

C: 11 points from any papers in GEOL 232-GEOL 238 offered in the same semester.

GEOL230-09S1 (C) **Semester 1**

GEOL 231 Field Studies B

11 points 0.0917 EFTS

Exercises related to stratigraphic, structural and petrological interpretation in the field. It includes laboratory classes and six days in the field.

P: GEOL 111 and GEOL 112 (GEOL 113 may be substituted for either of these provided a candidate has attained an overall B grade in GEOL 100 level courses, or a standard which is acceptable to the HOD).

C: 11 points from any papers in GEOL 232-GEOL 238 offered in the same semester.

GEOL231-09S2 (C) **Semester 2**

GEOL 232 Earth Materials

11 points 0.0917 EFTS

Lectures comprise an overview and classification of igneous and metamorphic rocks and environments, discussion of mineral and rock-forming processes, and theoretical background to laboratory microscope work. Laboratory classes will provide experience in the recognition and interpretation of common rocks and minerals using the polarizing microscope.

P: GEOL 111 and GEOL 112 (GEOL 113 may be substituted for either of these provided a candidate has attained an overall B grade in GEOL 100 level courses, or a standard which is acceptable to the HOD).

GEOL232-09S1 (C) **Semester 1**

GEOL 233 Crustal Deformation Processes

11 points 0.0917 EFTS

Nature and origin of structures produced by deformation in the earth's crust. Currently active tectonic processes and the effects on surface deformation, landscape and seismicity. Techniques for the analysis and representation of the spatial geometry of structures.

P: GEOL 111 and GEOL 112 (GEOL 113 may be substituted for either of these provided a candidate has attained an overall B grade in GEOL 100 level courses, or a standard which is acceptable to the HOD).

GEOL233-09S1 (C) **Semester 1**

GEOL 234 Stratigraphy and Paleontology
11 points 0.0917 EFTS
Understanding the principles and philosophy behind constructing an Earth history, focussing on stratigraphy, geochronology and the use of fossils. An introduction to the geological history of New Zealand including paleoceanography, paleoecology, and evolution.

P: GEOL 111 and GEOL 112 (GEOL 113 may be substituted for either of these provided a candidate has attained an overall B grade in GEOL 100 level courses, or a standard which is acceptable to the HOD).

GEOL234-09S1 (C) **Semester 1**

GEOL 235 Earth Surface Processes
11 points 0.0917 EFTS
The course presents the principles of sedimentary processes and how these relate to rock textures and composition. This will be followed by an overview of how the processes shape depositional environments and how these can be used to reconstruct palaeogeography.

P: GEOL 111 and GEOL 112 (GEOL 113 may be substituted for either of these provided a candidate has attained an overall B grade in GEOL 100 level courses, or a standard which is acceptable to the HOD).

GEOL235-09S2 (C) **Semester 2**

GEOL 236 Earth Dynamics and Plate Tectonics
11 points 0.0917 EFTS
The aim of this course is to develop a fuller understanding of the nature of plate tectonics and continental break up, mantle convection and hot spots, and the deep structure of the Earth as determined from global geophysical observations.

P: GEOL 111 and GEOL 112 (GEOL 113 may be substituted for either of these provided a candidate has attained an overall B grade in GEOL 100 level courses, or a standard which is acceptable to the HOD).

GEOL236-09S2 (C) **Semester 2**

GEOL 237 Special Topic
11 points 0.0917 EFTS
P: Entry subject to HOD approval.

GEOL237-09S1 (C) **Semester 1**

GEOL 238 Special Topic: Resource Geology
11 points 0.0917 EFTS
The occurrence and origin of economically significant geological resources in NZ and overseas. Metallic and non-metallic minerals with emphasis on gold and coal resources. Ground water and surface water resources, their contamination and remediation.

P: Entry subject to HOD approval.

GEOL238-09S2 (C) **Semester 2**

GEOL 331 Principles of Basin Analysis
14 points 0.1167 EFTS
An introduction to the principles, methods and tools of basin analysis.

P: GEOL 235 plus 11 additional points from GEOL 232-GEOL 238.
RP: GEOL 234 and GEOL 236

GEOL331-09S2 (C) **Semester 2**

GEOL 333 Evolution of the Biosphere
14 points 0.1167 EFTS
Multidisciplinary studies of biosphere evolution emphasising the dynamic interaction of the biosphere through time with the Earth's other main systems.

P: GEOL 112 and GEOL 234 plus 11 additional points from GEOL 232-GEOL 238. With the permission of the HOD, 22 points from 200-level BIOL papers may be substituted for 22 points of 200-level GEOL.
RP: GEOL 235.

GEOL333-09S1 (C) **Semester 1**

GEOL 334 Tectonics and the New Zealand continent
14 points 0.1167 EFTS
Tectonic and structural aspects of convergent and divergent plate margins and their application to the geological development of New Zealand.

P: GEOL 236 plus 11 additional points from GEOL 232-GEOL 235.
RP: GEOL 233

GEOL334-09S2 (C) **Semester 2**

GEOL 336 Magmatic Systems and Volcanology
14 points 0.1167 EFTS
Study of magmatic systems including the nature and origin of igneous materials and links with the physical processes of volcanology.

P: GEOL 232 plus 11 additional points from GEOL 233-GEOL 238

GEOL336-09S2 (C) **Semester 2**

GEOL 337 Economic Geology and Geophysical Exploration
14 points 0.1167 EFTS
Nature and origin of metallic ore deposits and coal resources, and how to find them, with an emphasis on geophysical methods of exploration.

P: 22 points from GEOL 232-GEOL 238.

GEOL337-09S1 (C) **Semester 1**

GEOL 338 Engineering and Mining Geology
14 points 0.1167 EFTS
Principles and practices of engineering geology and hydrogeology together with geological aspects of mining and exploration.

P: GEOL 233 plus 11 additional points from GEOL 232-GEOL 238

GEOL338-09S2 (C) **Semester 2**

Please check www.canterbury.ac.nz/courses for the latest course information.

GEOL 339 Special Topic
14 points 0.1167 EFTS
P: 22 points from GEOL 232-GEOL 236.
GEOL339-09S1 (C) **Semester 1**

GEOL 340 Special Topic
14 points 0.1167 EFTS
P: 22 point from GEOL 232-GEOL 236.
GEOL340-09S2 (C) **Semester 2**

GEOL 342 Special Topic
14 points 0.1167 EFTS
P: Entry subject to Head of Department approval.
GEOL342-09S1 (C) **Semester 1**

GEOL 343 Special Topic
14 points 0.1167 EFTS
P: Entry subject to Head of Department approval.
GEOL343-09S2 (C) **Semester 2**

GEOL 344 Special Topic: Field-focussed Research in Geology
14 points 0.1167 EFTS
This course involves the interpretation of results and observations obtained during summer field work in New Zealand. Follow-up laboratory and literature work will be undertaken and students will be required to produce a number of map, laboratory and essay reports related to New Zealand field geology.

P: Entry subject to Head of Department approval.
C: Three courses from GEOL 232-238 and GEOL 331-342 taken in the same semester.
R: GEOL 230, 231, 351 and 352
GEOL344-09S1 (C) **Semester 1**
Note: This course is only available to study abroad students.

GEOL 351 Advanced Field Studies
14 points 0.1167 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; (2) GEOL 231; (3) 44 points from other GEOL 200-level courses
C: 14 points from any papers in GEOL 331-GEOL 338 offered in the same semester.
GEOL351-09S1 (C) **Semester 1**

GEOL 352 Advanced Geological Mapping
14 points 0.1167 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; (2) GEOL 231; (3) 44 points from other GEOL 200 level courses.
C: 14 points from any papers in GEOL 331-GEOL 338 offered in the same semester.
R: GEOL 329, GEOL 330
GEOL352-09X (C) **Refer to website for dates**
Note: This course involves fieldwork that takes place in 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 471 Research Methods in Geoscience
0.1250 EFTS
This course focuses on practical field skills, data collection and analysis, and the presentation of results from field-work. It also introduces computer manipulation of data and computer graphics/GIS skills.

P: Subject to approval of the Head of Department.
GEOL471-09X (C) **Refer to website for dates**

GEOL 473 Structural Geology
0.1250 EFTS
This course will focus on tectonic and structural aspects of convergent and divergent plate margins. It will give an overview on subduction zones, collisional orogens as well as extensional margins and rift. We will be seeking to discover what structural geology can tell us about mountain building processes, relationships between deformation and metamorphism and the feedback between tectonics and climate.

P: Subject to approval of the Head of Department.
GEOL473-09S2 (C) **Semester 2**

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.
GEOL474-09S2 (C) **Semester 2**

GEOL 476 Physical Volcanology
0.1250 EFTS
This course aims to provide students with an understanding of the physical processes which influence volcanic deposits resulting from both effusive and explosive eruptions. Topics include the dynamics of lava flows and domes, structure and origin of calderas, explosive eruptions, pyroclastic flows and surges, debris avalanches, lahars, submarine volcanism and volcanogenic ore deposits.

P: Subject to approval of the Head of Department.
GEOL476-09S1 (C) **Semester 1**

GEOL 477 Sediment Transport and Deposition

0.1250 EFTS

Not Offered in 2009

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.

GEOL 478 Tectonics of Sedimentary Basins

0.1250 EFTS

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.

GEOL478-09S1 (C) **Semester 1**

GEOL 479 Active Tectonics and Geomorphology

0.1250 EFTS

Active deformation is explored in this course, introducing the criteria by which active deformation can be identified and located. The emphasis is on the interaction between tectonic and other geomorphic processes in shaping the landscape and the way in which the nature of the underlying deformation can be identified and quantified from an analysis of topography.

P: Subject to approval of the Head of Department.

GEOL479-09S1 (C) **Semester 1**

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.

GEOL480-09S2 (C) **Semester 2**

GEOL 481 Evolutionary Paleobiology

0.1250 EFTS

This course covers the principles of evolution, speciation patterns, rates and modes of evolution, and the definition of species using fossil material. Taphonomic processes and ecological biases in the fossil record, interpreting paleo-environments.

P: Subject to approval of the Head of Department.

GEOL481-09S2 (C) **Semester 2**

GEOL 483 Petroleum and Coal Geology

0.1250 EFTS

Not Offered in 2009

The majority of the world's energy comes from fossil fuels. In New Zealand, Australasia and Asia, oil and gas are derived ultimately from coal and coal-bearing strata. Therefore, any exploration of oil and gas must be well founded in a basic understanding of coal geology. The use of coal and other carbon-based energy sources presents many challenges, not only in exploration but also in the downstream environmental effects. Today's geologists need to understand those consequences and risks.

P: Subject to approval of the Head of Department.

GEOL 484 Special Topic

0.1250 EFTS

P: Subject to approval of the Head of Department.

GEOL484-09S1 (C) **Semester 1**

GEOL 485 Special Topic

0.1250 EFTS

P: Subject to approval of the Head of Department.

GEOL485-09S1 (C) **Semester 1**

GEOL 486 Special Topic: Environmental Geochemistry

0.1250 EFTS

This course explores interactons between the geosphere, biosphere, hydosphere, atmosphere, pedosphere, and cryosphere, on a variety of spatial and temporal scales utilizing stable isotope geochemistry. The use of isotopic tracers and proxies in deciphering Earth system processes and conditions of the natural environment.

P: Subject to approval of the Head of Department.

GEOL486-09S2 (C) **Semester 2**

GEOL 487 Special Topic: Paleoecology and Paleolimnology

0.1250 EFTS

Not Offered in 2009

This course will consist of a series of weekly seminars aimed at providing a graduate-level coverage of current issues in environmental reconstruction and management based on geological investigations of lake and other sediments. The course focuses on the use of microfossils (primarily pollen, phytoliths, diatoms and chironomids) for the reconstruction of past vegetation, lake and estuary conditions, and other paleoevironments. The course is set in the twin (linked) contexts of Quaternary climate change and human modification of the environment. Topic

coverage will respond to current debates in the literature and will relate to student thesis areas.

C: Subject to approval of the Head of Department.

GEOL 488 Special Topic: Independent Course of Study

0.1250 EFTS

P: Subject to approval of the Head of Department.

GEOL488-09S1 (C) **Semester 1**

GEOL488-09S2 (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.

GEOL489-09S1 (C) **Semester 1**

GEOL 490 Research Project

0.3333 EFTS

P: Subject to approval of the Head of Department.

GEOL490-09X (C) **Refer to website for dates**

GEOL490-09CY (C) **Cross Year**

GEOL 690 MSc Thesis

1.0000 EFTS

P: Subject to approval of the Head of Department.

GEOL690-09A (C) **Starts Anytime**

Note: 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.

GEOL790-09A (C) **Starts Anytime**

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

**From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

German

College of Arts

EULC 101 European Society in Film

18 points 0.1500 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

EULC101-09S2 (C) **Semester 2**

EULC 104 European Languages in Europe and Beyond

18 points 0.1500 EFTS

Not Offered in 2009

This course examines the formation, development and significance of the languages spoken in Europe.

R: FREN 117, GRMN 104, RUSS 102

GRMN 151 Elementary German Language A

18 points 0.1500 EFTS

German language course for beginners, i.e. students with no knowledge of German, based on the communicative approach.

R: GRMN 106, GRMN 114

GRMN151-09S1 (C) **Semester 1**

GRMN 152 Elementary German Language B

18 points 0.1500 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

GRMN152-09S2 (C) **Semester 2**

EULC 202 The European City

22 points 0.1833 EFTS

Not Offered in 2009

This course is an exploration from the origins of the city in Antiquity and the Middle Ages to the European capitals and other major centres in Europe. It explores the history, culture and present-day transformations of cities such as London, Paris, Berlin, Madrid, Barcelona, Moscow and St Petersburg.

P: Any 54 points

R: EULC 302, CULT 316, FREN 215, FREN 315, GRMN 235, GRMN 335, GRMN 345, RUSS 222, RUSS 322

EULC 203 Representing Evil: the Holocaust and its Legacy

22 points 0.1833 EFTS

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 54 points.

R: EULC 303, FREN 216, FREN 316, GRMN 245, GRMN 346, RUSS 221, RUSS 321

EULC203-09S2 (C) **Semester 2**

EULC 204 European Novels and Film Adaptations

22 points 0.1833 EFTS

A study of important European novels and their film adaptations.

P: Any 54 points

R: EULC 304, RUSS 215, RUSS 216

EULC204-09S1 (C) **Semester 1**

GRMN 213 Highlights of German Culture

22 points 0.1833 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: 18 points in GRMN at 100-level with a grade of B or better; OR any 36 points in GRMN; OR any 54 points. Note: No knowledge of German required.
R: GRMN 113

GRMN213-09S2 (C) **Semester 2**

GRMN 236 Literary Responses to German Unification

22 points 0.1833 EFTS

Not Offered in 2009

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: 18 points in GRMN at 100 level with a grade of B or better; OR any 36 points in GRMN; OR any 54 points. Note: No knowledge of German required.
R: GRMN 336

GRMN 251 Intermediate German Language A

22 points 0.1833 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

GRMN251-09S1 (C) **Semester 1**

GRMN 252 Intermediate German Language B

22 points 0.1833 EFTS

This is the second of two intermediate German language courses. This course extends the reading, writing and discussion skills acquired in GRMN251 and places greater emphasis on writing and reading skills, including the reading of short stories.

P: 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

GRMN252-09S2 (C) **Semester 2**

EULC 302 The European City

28 points 0.2333 EFTS

Not Offered in 2009

This course is an exploration from the origins of the city in Antiquity and the Middle Ages to the European capitals and other major centres in Europe. It explores the history, culture and present-day transformations of cities such as London, Paris, Berlin, Madrid, Barcelona, Moscow and St Petersburg.

P: Any 44 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

EULC 303 Representing Evil: The Holocaust and its Legacy

28 points 0.2333 EFTS

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 44 points at 200 level.
R: EULC 203, FREN 216, FREN 316, GRMN 245, GRMN 346, RUSS 221, RUSS 321

EULC303-09S2 (C) **Semester 2**

EULC 304 European Novels and Film Adaptations

28 points 0.2333 EFTS

A study of important European novels and their film adaptations.

P: Any 44 points at 200 level.
R: EULC 204, RUSS 215, RUSS 216

EULC304-09S1 (C) **Semester 1**

GRMN 310 Advanced German Language and Culture

28 points 0.2333 EFTS

This advanced course for students who have completed GRMN 211 aims at the extension of vocabulary and structures of a higher stylistic level. In addition students' reading and writing skills will be enhanced through work on a longer fictional text and articles related to cultural and historical topics.

P: GRMN 211 or GRMN 201
R: GRMN 301

GRMN310-09S1 (C) **Semester 1**

GRMN 336 Literary Responses to German Unification

28 points 0.2333 EFTS

Not Offered in 2009

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 44 points at 200 level.
R: GRMN 236

GRMN 351 Advanced German Language A

28 points 0.2333 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

GRMN351-09S1 (C) **Semester 1**

GRMN 352 Advanced German Language B

28 points 0.2333 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 student's 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

GRMN352-09S2 (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.

GRMN 401 German Language

0.2500 EFTS

Not Offered in 2009

P: Subject to approval of the Programme Director.

GRMN 406 A German Writer

0.2500 EFTS

Not Offered in 2009

Johann Wolfgang Goethe.

P: Subject to approval of the Programme Director.

GRMN 407 Novel or Novella

0.2500 EFTS

Not Offered in 2009

P: Subject to approval of the Programme Director.

GRMN 411 Literary Period

0.2500 EFTS

Not Offered in 2009

P: Subject to approval of the Programme Director.

GRMN 414 Special Topic

0.2500 EFTS

Not Offered in 2009

Berlin Literature - Past and Present.

P: Subject to approval of the Programme Director.

GRMN 426 After the Fall of the Wall: The New Germany in the New Europe

0.2500 EFTS

Not Offered in 2009

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

GRMN 480 Extended Essay

0.2500 EFTS

P: Subject to approval of the Programme Director.

GRMN480-09W (C) **Whole Year (S1 and S2)**

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
R: FREN 417

LANC401-09S1 (C) **Semester 1**

GRMN 690 MA Thesis

1.0000 EFTS

P: Subject to approval of the Head of School.

GRMN690-09A (C) **Starts Anytime**

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

GRMN 790 German PhD

1.0000 EFTS

P: Subject to approval of the Head of School.

GRMN790-09A (C) **Starts Anytime**

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

Graphic Design

College of Arts

DESI 201 Graphic Design
81 points 0.6750 EFTS
Graphic Design techniques, experimental typographic and information design, photographic and production techniques, professional practice and specified design projects.
P: FINT 103, or by permission of the Head of the School of Fine Arts on the basis of at least 108 points from another degree, a collection of works and an interview. Information may be obtained from the Head of School.
DESI201-09W (C) Whole Year (S1 and S2)
Note: Limited entry. See limitation of entry regulations.

DESI 301 Graphic Design
81 points 0.6750 EFTS
Corporate identity, problem solving techniques, the design of technical information. Book design and publishing.
P: (1) DESI 201, (2) 36 points at 100 level in ARTH, and (3) 22 points at 200 level in ARTH.
DESI301-09W (C) Whole Year (S1 and S2)
Note: Limited entry. See limitation of entry regulations.

DESI 401 Graphic Design
81 points 0.6750 EFTS
Studies in readability and legibility, design for the disabled, specified major design projects.
P: DESI 301
DESI401-09W (C) Whole Year (S1 and S2)
Note: 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.
DESI501-09W (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.
DESI550-09W (C) Whole Year (S1 and S2)

DESI 601 Graphic Design
1.0000 EFTS
P: Subject to approval of the Head of Department.
DESI601-09A (C) Starts Anytime

DESI 602 Graphic Design
0.5000 EFTS
P: Subject to approval of the Head of Department.
DESI602-09W (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
HAZM401-09S1 (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
HAZM403-09S2 (C) Semester 2

HAZM 490 Research Project
0.3500 EFTS
P: Subject to approval of the Programme Director, Department of Geological Sciences
HAZM490-09X (C) Refer to website for dates
HAZM490-09CY (C) Cross Year

HAZM 690 MSc Thesis
1.0000 EFTS
P: Subject to approval of the Programme Director, Department of Geological Sciences
HAZM690-09A (C) Starts Anytime
Note: 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

HAZM790-09A (C) **Starts Anytime**

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

Health Sciences

Health Sciences Centre

HLTH 101 Introduction to Health Studies

18 points 0.1500 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.

HLTH101-09S2 (C) **Semester 2**

HLTH 201 Health Promotion

22 points 0.1833 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 or any 54 points

HLTH201-09S1 (C) **Semester 1**

HLTH 301 Evidence in Health

28 points 0.2333 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 44 points at 200 level

HLTH301-09S2 (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.

HLTH 401 Health and Health Care in New Zealand

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 and health workforce, current health policy and research issues and the goals and basis of the New Zealand Health and Disability strategies.

P: Entry with the approval of the Head of Department.
R: HLTH 601
EQ: HLTH 601

HLTH401-09S1 (C) **Semester 1**
HLTH401-09W (C) **Whole Year (S1 and S2)**
HLTH401-09W (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: Entry with the approval of the Head of Department.
R: HLTH 602
EQ: HLTH 602

HLTH402-09S2 (C) **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 the approval of the Director, Health Sciences Centre
R: HLTH 605
EQ: HLTH 605

HLTH405-09A (C) **Starts Anytime**
HLTH405-09A (D) **Starts Anytime**
HLTH405-09S1 (C) **Semester 1**
HLTH405-09W (C) **Whole Year (S1 and S2)**
HLTH405-09S2 (C) **Semester 2**

HLTH 406 Special Topic

0.2500 EFTS

P: Subject to approval of the Director, Health Sciences Centre
R: HLTH 606
EQ: HLTH 606

HLTH406-09S2 (C) **Semester 2**

HLTH 407 Special Topic: Bioethics

0.2500 EFTS

Advances in medicine 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 the approval of the Director, Health Sciences Centre
R: HLTH 607, PHIL 325, PHIL 433, PHIL 434

HLTH407-09W (C) **Whole Year (S1 and S2)**

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: Entry with the approval of the Head of Department.
R: HLTH 608

HLTH408-09S1 (C) **Semester 1**
HLTH408-09W (C) **Whole Year (S1 and S2)**
HLTH408-09S2 (C) **Semester 2**

HLTH 409 Health and Pacific Cultures

0.2500 EFTS

This multi-disciplinary course critically assesses how health is understood and supported for Pacific peoples, and opportunities and constraints experienced within New Zealand's multi-cultural societies.

P: Entry with the approval of the Head of Department.
R: HLTH 609.

HLTH409-09S2 (C) **Semester 2**

HLTH 410 Pacific Health Leadership

0.2500 EFTS

By the end of the Pacific Health Leadership course, students will be able to demonstrate a knowledge and understanding of the leadership of ogranizations and change, development of the individual, and leading in a changing Pacific health sector, grounded in an understanding of contemporary Pacific leadership styles and organisations that are appropriate to Aotearoa's peoples and communities of Pacific heritage and the issues they face.

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

HLTH410-09A (D) **Starts Anytime**

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: Entry with the approval of the Director, Health Sciences Centre.

HLTH415-09A (C) **Starts Anytime**
HLTH415-09A (D) **Starts Anytime**

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: Entry with the approval of the Director, Health Sciences Centre
R: EDCT 701, EDCT 803

HLTH416-09A (C) **Starts Anytime**
HLTH416-09A (D) **Starts Anytime**

HLTH 417 Education proposal for a health context

0.2500 EFTS

HLTH417 is an independent study that must be completed in a 6 - 12 month period. The course builds on the processes and skills learned in the earlier courses: HLTH415 and HLTH416. The course requires the student to apply these processes and skills, reflect on them, and then design and plan an approved project. The project design must be grounded in evidence-based educational practice, and a fit within a declared research methodology, or a business proposal model, or a quality monitoring and evaluative framework.

P: Entry with the approval of the Director, Health Sciences Centre
R: EDCT 804

HLTH417-09A (C) **Starts Anytime**
HLTH417-09A (D) **Starts Anytime**

HLTH 420 Early Intervention Theory

0.2500 EFTS

This course provides an introduction to theory and research on Early Intervention and its application in service provision and issues in New Zealand. Two short practical placements are required.

P: Entry with the approval of the Head of Department.
R: HLTH 620

HLTH420-09W (C) **Whole Year (S1 and S2)**

HLTH 421 Early Intervention Practice

0.2500 EFTS

This course will offer 300 hours of supervised clinical practice with individuals and families in early intervention.

P: Entry with the approval of the Head of Department, HLTH 420 or HLTH 620
R: HLTH 621

HLTH421-09A (C) **Starts Anytime**

Note: 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: Entry with the approval of the Head of Department. HLTH 421 or HLTH 621

R: HLTH 622

HLTH422-09A (C) **Starts Anytime**

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: Entry with the approval of the Head of Department.

R: HLTH 630

HLTH430-09S1 (C) **Semester 1**

HLTH430-09S1 (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: Entry with the approval of the Head of Department. HLTH 430 or HLTH 630

R: HLTH 631

HLTH431-09S2 (C) **Semester 2**

HLTH431-09S2 (D) **Semester 2**

HLTH 440 Family Nursing Assessment

0.2500 EFTS

This course will re-evaluate traditional family assessment tools, examine their practical consequences and optimise nurses' assessments through a skilled process of inquiry guided by relational practice and a socio-environmental understanding of health.

P: Entry with approval of the Head of Department.

HLTH440-09S1 (C) **Semester 1**

HLTH 441 Family Nursing in Complex Situations

0.2500 EFTS

The course wil examine family nursing practice as a process of relational inquiry and its application in complex and uncertain situations.

P: HLTH 440. Entry with the approval of the Head of Department

HLTH441-09S2 (C) **Semester 2**

HLTH 442 Special Topic

0.2500 EFTS

P: Entry with the approval of the Head of Department.

HLTH442-09S1 (C) **Semester 1**

HLTH442-09W (C) **Whole Year (S1 and S2)**

HLTH442-09S2 (C) **Semester 2**

HLTH 450 Palliative Care

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: Entry with the approval of the Head of Department.

HLTH450-09W (C) **Whole Year (S1 and S2)**

HLTH450-09W (D) **Whole Year (S1 and S2)**

HLTH 451 Men's Health

0.2500 EFTS

The course will provide an understanding of men's health through the lifespan and their health risks and health status in New Zealand, historic and current forces shaping kiwi male images and roles, men's health and its promotion in family and work contexts, cultural and lifestyle diversity among males.

P: Entry with the approval of the Head of Department.

HLTH451-09W (C) **Whole Year (S1 and S2)**

HLTH451-09W (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 the approval of the Director, Health Sciences Centre

R: HLTH 462

HLTH460-09S1 (C) **Semester 1**

HLTH 461 Special Topic

0.2500 EFTS

P: Entry with the approval of the Head of Department.

HLTH461-09S1 (C) **Semester 1**

HLTH461-09W (C) **Whole Year (S1 and S2)**

HLTH461-09S2 (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 the approval of the Director, Health Sciences Centre

R: HLTH 460

HLTH462-09S1 (C) **Semester 1**

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 the approval of the Director, Health Sciences Centre
R: EDUC 501
EQ: EDUC 501

HLTH501-09FY (C)

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 the approval of the Director, Health Sciences Centre
R: EDUC 502
EQ: EDUC 502

HLTH502-09FY (C)

Note: 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

HLTH503-09FY (C)

HLTH 670 Professional Development in Child and Family Psychology

0.2500 EFTS

Specific theories and skills to inform competent practice within the child and family area.

P: (1) Selection will be based on academic record, personal suitability and an interview organised by the Director of the Child and Family Psychology programme. Further information may be obtained from the Director. The closing date for applications is normally October 1 in the year prior to enrolment. (2) EDEM 661 or EDUC 412, EDEM 662 or EDUC 416, EDEM 663 or EDUC 421, EDEM 664 or EDUC 461. (3) PSYC 206.
R: EDUC 623

HLTH670-09FY (C)

Note: Limited entry. See limitation of entry regulations.

HLTH 671 Practicum: Child and Family Psychology

0.2500 EFTS

The development of competence in psychological practice with children and their families in a variety of settings.

P: (1) Selection will be based on academic record, personal suitability and an interview organised by the Director of the Child and Family Psychology programme. Further information may be obtained from the Director. The closing date for applications is normally October 1 in the year prior to enrolment. (2) EDEM 661 or EDUC 412, EDEM 662 or EDUC 416, EDEM 663 or EDUC 421, EDEM 664 or EDUC 461. (3) PSYC 206
R: EDUC 624

HLTH671-09FY (C)

Note: Limited entry. See limitation of entry regulations.

HLTH 695 Dissertation

0.5000 EFTS

P: Entry with the approval of the Head of Department.

HLTH695-09A (C) **Starts Anytime**

HLTH 690 MHealSc Thesis

1.0000 EFTS

P: Entry with the approval of the Head of Department.

HLTH690-09A (C) **Starts Anytime**

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

HLTH 790 Health Sciences PhD

1.0000 EFTS

P: Entry with the approval of the Head of Department.

HLTH790-09A (C) **Starts Anytime**

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

Higher Education

University Centre for Teaching and Learning

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 501 Critical Reflection on Tertiary Teaching

0.2500 EFTS

A critical examination of personal theories of tertiary teaching within a comparative framework of contemporary literature and practice. One of the principal modes of teaching is on-line learning so all students are required to have access to the internet.

P: Subject to approval of the Head of Department.
R: EDUC 625

HEDN501-09S1 (C) **Semester 1**

HEDN 502 Learning Theory and Practice in Tertiary Teaching

0.2500 EFTS

Examination of contemporary research on student learning. Exploration of the effects of participant's teaching practices on how students learn in order to enhance student learning outcomes. One of the principal modes of teaching is on-line learning so all students are required to have access to the internet.

P: Subject to approval of the Head of Department.
R: EDUC 626

HEDN502-09S2 (C) **Semester 2**

HEDN 503 Tertiary Teaching and Learning Inquiry Design

0.2500 EFTS

The identification, contextualising and planning of a significant area of enquiry relating to teaching and learning in the tertiary context.

P: (1) HEDN 502 or EDUC 626; (2) Subject to approval of the Head of Department.
R: EDUC 627

HEDN503-09S1 (C) **Semester 1**

HEDN 504 Tertiary Teaching and Learning Inquiry Implementation

0.2500 EFTS

The conduct of and reporting on an extended enquiry into an aspect of teaching and learning in the tertiary context.

P: (1) HEDN 503 or EDUC 627; (2) Subject to approval of the Head of Department.
R: EDUC 628

HEDN504-09S2 (C) **Semester 2**

HEDN 790 Higher Education PhD

1.0000 EFTS

P: Subject to approval of the Head of Department.

HEDN790-09A (C) **Starts Anytime**

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

**From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

History

College of Arts

HIST 127 American History

18 points 0.1500 EFTS

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

R: HIST 119, HIST 120

HIST127-09S2 (C) **Semester 2**

HIST 128 New Zealand History: 1350-1940

18 points 0.1500 EFTS

This course challenges traditional interpretations of our past, including historical stereotypes of New Zealanders. It looks at our history through new lenses such as family, community, gender, sexuality and citizenship.

R: HIST 108, HIST 109, HIST 124

HIST128-09S1 (C) **Semester 1**

HIST 129 New Zealand History: Since 1940

18 points 0.1500 EFTS

This course takes as its beginning point the rupture of the last 30 years and analyses the dramatic changes which New Zealand has experienced, in their historical context. It addresses big issues in New Zealand's past - returning also to the 19th century - and explores continuity and change through time, which is what history is all about.

R: HIST 108, HIST 109, HIST 124

HIST129-09S2 (C) **Semester 2**

HIST 133 Medieval Europe: from Rome to the Black Death

18 points 0.1500 EFTS

A survey course covering mainly Western Europe c.450 to c.1350 covering a range of themes including social and economic developments, government, religion and warfare.

R: HIST 125, HIST 130

HIST133-09S1 (C) **Semester 1**

HIST 136 Revolutions and Revolutionaries

18 points 0.1500 EFTS

Why does France have the most bloodthirsty national anthem? What did Lenin mean by "all power to the Soviets"? Why do revolutions produce leaders like Napoleon or Stalin? This course explores the role of revolutions in the shaping of the modern world. After discussion of definitions and different historical approaches, the course comprises a series of case studies, including the American, French and Russian revolutions, their causes, courses and consequences.

R: HIST 123

HIST136-09S2 (C) **Semester 2**

HIST 137 Modern World History

18 points 0.1500 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'.

HIST137-09S1 (C) **Semester 1**

HIST 138 Russia under the Tzars: the Autocratic Tradition (15th Century to 1917)

18 points 0.1500 EFTS

An introduction to Russian society and culture from the Middle Ages to the 1917 Russian Revolution, as reflected in folklore, art and literature.

R: RUSS 111

EQ: RUSS 111

HIST138-09S2 (C) **Semester 2**

HIST 239 War and Society in Europe, 1900-1945

22 points 0.1833 EFTS

Focusing on the two world wars of 1914-18 and 1939-45, this course explores the relationship between war and society in Europe during the first half of the twentieth century. The military history of both conflicts is examined in some depth, but the course also investigates the political, diplomatic, and social history of the two world wars. Specific topics that are covered include the causes, military history and social history of World War I; the causes, military history and social history of World War II; resistance in the German-occupied territories during World War II; the politics and diplomacy of both world wars.

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 HOD.

R: HIST 301, HIST 302, HIST 305, HIST 339

HIST239-09S1 (C) **Semester 1**

HIST 243 Kiwi Culture

22 points 0.1833 EFTS

This course explores the invention of kiwi culture from first Maori 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 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 HOD.

R: HIST 352

HIST243-09S1 (C) **Semester 1**

HIST 247 Emancipations: Power and Freedom in World History since 1750

22 points 0.1833 EFTS

This course analyses three great emancipations: the abolition of slavery; the admission of the poor to political citizenship; and the attainment of political citizenship by women. It also explains the rise and fall of racially restrictive democracy in North America, Australia and Southern Africa.

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 HOD.

R: HIST 371

HIST247-09S1 (C) **Semester 1**

HIST 249 India: Harappa to Taj Mahal

22 points 0.1833 EFTS

Not Offered in 2009

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 HOD.

R: HIST 232, HIST 240, HIST 241, SAST 201

EQ: SAST 201

HIST 253 Renaissance and Reformation Europe

22 points 0.1833 EFTS

A thematic study of two major transformations in European History between c.1350 and c.1600.

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 HOD.

R: HIST 116, HIST 246, HIST 373

HIST253-09S1 (C) **Semester 1**

HIST 254 Making Imperial Britain, 1780s to 1914

22 points 0.1833 EFTS

An introduction to British History covering state, society and identities, with ample reference to Scotland, Ireland and Wales.

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 HOD.

R: HIST 376

HIST254-09S2 (C) **Semester 2**

HIST 255 Heroines in History

22 points 0.1833 EFTS

From the days of the Virgin Mary to the advent of Paris Hilton, this course travels through time critically recovering a wide variety of global and local historical heroines. It moves beyond traditional mythological celebration to consider how women's histories have been told, re-told, and represented. What does it take to become celebrated as an icon or role model? Themes include spirituality, health and well-being, warrior and regal identities, politics, governance and domesticity, cross-dressing, martyrdom

and untimely death, imperialism, science and technology, education and glamour.

P: 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 HOD.
R: HIST 361, GEND 215
EQ: GEND 215
HIST255-09S2 (C) **Semester 2**

HIST 257 American Revolution and Civil War

22 points 0.1833 EFTS
An examination into the origins of popular government, the genius of American revolutionary politics, and the Civil War which ended slavery.

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 HOD.
R: HIST 377
HIST257-09S1 (C) **Semester 1**

HIST 258 Rise of Empires: Settlers and Natives

22 points 0.1833 EFTS
Many contemporary issues are legacies of European overseas empires. This course addresses the genesis of some of those issues through the following questions: Why did large parts of the world come under European (and especially British) domination? What problems arose in the government of both settlers and indigenous peoples, and how were these problems tackled? Could settler and indigenous interests be reconciled?

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 HOD.
R: HIST 378
HIST258-09S1 (C) **Semester 1**

HIST 259 Te Ao Tawhito: The Ancient Maori World

22 points 0.1833 EFTS
Traditional Maori history and culture, including: archaeology of the settlement of the Pacific and Aotearoa-New Zealand; tribal traditions, traditional astronomy and the New Year stars; forest plants – food and traditional medicine; the arts – wood, bone and greenstone carving, weaving, tattoo and haka; spiritual beliefs such as mana and tapu, utu and justice; ownership, relationships and perceptions of the land; kumara and potato; birth and death customs; social organisation, family, men and women, marriage, childrearing; concepts of wealth; struggles for power in war; work and play. Students will have the opportunity to research a historical or cultural topic of their choice.

P: Any 18 points in Maori and Indigenous Studies or their double-coded equivalents or ANTH 101 or any 18 points in HIST or Ancient History or POLS or RELS or SOCI. Students without these prerequisites but with 72 points in appropriate courses may enter the course with the approval of the HOD.
R: MAOR 214
EQ: MAOR 214
HIST259-09S1 (C) **Semester 1**

HIST 260 Life and Times of Mahatma Gandhi

22 points 0.1833 EFTS
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: 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 HOD.
R: HIST 383, SAST 203, SAST 303
EQ: SAST 203
HIST260-09SU1 (C) **Summer (Jan 09)**

HIST 261 Sport and Society

22 points 0.1833 EFTS
Not Offered in 2009
This course explores the emergence and codification of organised team sport, the "games revolution", in nineteenth century England, and the diffusion of these games and the "games cult" ideology throughout the British Empire and beyond; and the changes over the last century or so.

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 HOD.
R: HIST 384

HIST 262 Maori and Indigenous Development

22 points 0.1833 EFTS
This course will examine the history of Maori economic development. Students will gain an understanding of recent developments and the factors which have affected Maori engagement with globalisation over the past two hundred years.

P: Any 18 points in Maori and Indigenous Studies or their double-coded equivalents or any 18 points in HIST or Ancient History or POLS or RELS or SOCI. Students without these prerequisites but with 72 points in appropriate courses may enter the course with the approval of the HOD.
R: MAOR 212, HIST 379
EQ: MAOR 212
HIST262-09S2 (C) **Semester 2**

HIST 265 Medieval Crusades and Crusaders

22 points 0.1833 EFTS

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 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 HOD.
R: HIST 340 and this option at HIST 250, HIS251, HIST 350, HIST 351, HIST 387

HIST265-09S2 (C) **Semester 2**

HIST 266 The Pacific Islands: European and Polynesian Visions

22 points 0.1833 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 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 HOS.
R: ANTH 215
EQ: ANTH 215

HIST266-09SU1 (C) **Summer (Jan 09)**

HIST 268 Te Tiriti: The Treaty of Waitangi

22 points 0.1833 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 Maori 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, Maori seats, race relations, one law for all.

P: Any 18 points in Maori and Indigenous Studies or their double-coded equivalents or any 18 points in HIST or Ancient History or POLS or SOCI. Students without these prerequisites but with 72 points in appropriate courses may enter the course with the approval of the HOD.
R: MAOR 219, POLS 218, SOCI 209, HSRV 207
EQ: MAOR 219, POLS 218, SOCI 209, HSRV 207

HIST268-09S1 (C) **Semester 1**

HIST 269 The Rise and Fall of Soviet Domination in Eastern Europe 1944-1991

22 points 0.1833 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 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 HOD.
R: EURO 226 (2005 only), EURO 222, HIST 264 (prior to 2006), INCO 225, HIST 386
EQ: EURO 226

HIST269-09S2 (C) **Semester 2**

HIST 270 Anzac Neighbours

22 points 0.1833 EFTS

This course compares and contrasts the histories of the neighbouring countries of New Zealand and Australia, with a focus on the twentieth century. The course examines both how New Zealand identities are shaped by being 'not Australian' and how New Zealand was once part of a place called Australasia. In this comparative and regional course, students will develop an understanding of how New Zealand and Australia still belong to a coherent if not self-evident region.

P: Either 18 points in HIST with a B grade or better, or 36 points in HIST or Ancient History (CLAS 111, CLAS 112) with a passing grade. Alternatively, a B average in 72 points in appropriate courses with the approval of the Head of School.
R: HIST 334

HIST270-09S1 (C) **Semester 1**

HIST 271 Britain in the 'Swinging Sixties'

22 points 0.1833 EFTS

A historical investigation of politics and popular culture, cultural dissent in the first world and revolution in the third, iconic figures like Malcolm X, Che Guevara, Bernadette Devlin, Woodstock, Watergate, Vietnam. Why were students revolting? Where are they now?

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 HOS.
R: HIST 382

HIST271-08SU2 (C) **Summer (Nov 08)**

HIST 272 Special Topic

22 points 0.1833 EFTS

Not Offered in 2009

HIST 274 The Soviet Experiment and Its Aftermath

22 points 0.1833 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.

R: RUSS 218

EQ: RUSS 218

HIST274-09S1 (C) **Semester 1**

HIST 275 The Muslim World, 600-1650

22 points 0.1833 EFTS

Not Offered in 2009

This course will explore the development of one of the key factors that has helped shape the modern world, the religion and civilisation of Islam. The course will explore the nature and development of Islam as a religion, its profound impact upon the cultures and societies who adopted and adapted it to their particular circumstances, and reactions to its spread amongst those outside the Umma (the community of Muslims).

P: Either 18 points in HIST with a B grade or better, or 36 points in HIST or Ancient History (CLAS 111, CLAS 112) with a passing grade. Alternatively, a B average in 72 points in appropriate courses with the approval of the Head of School.

R: HIST 375

HIST 276 Myth and History

22 points 0.1833 EFTS

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 '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. The course will look at the power of myth, mythic figures and their histories and stories. The course will cover the literature and ideas associated with myth from Carl Jung and Joseph Campbell to the works of New Zealand scholars such as Margaret Orbell and Charles Royal.

P: Either 18 points in HIST with a B grade or better, or 36 points in HIST or Ancient History (CLAS 111, CLAS 112) with a passing grade. Alternatively, a B average in 72 points in appropriate courses with the approval of the Head of School.

R: HIST 353, MAOR 329

HIST276-09S1 (C) **Semester 1**

HIST 277 French Revolution 1789-1799

22 points 0.1833 EFTS

The subject of this course is one of the most heavily-researched and fiercely-debated transitions in modern European history. The French Revolution virtually invented the vocabulary of modern political discourse, including the basic distinction between "Left" and "Right" in politics, and created a revolutionary tradition which strongly influenced the conduct of nineteenth century French politics and the Russian Revolution of 1917.

P: Either 18 points in HIST with a B grade or better, or 36 points in HIST or Ancient History (CLAS 111, CLAS 112) with a passing grade. Alternatively, a B average in 72 points in appropriate courses with the approval of the Head of School.

R: HIST 208, HIST 250, HIST 251, HIST 309, HIST 350, HIST 351, HIST 357

HIST277-09S2 (C) **Semester 2**

HIST 278 America and the Cold War

22 points 0.1833 EFTS

An overview of American diplomacy, politics and culture during the Cold War.

P: Either 18 points in HIST with a B grade or better, or 36 points in HIST or Ancient History (CLAS 111, CLAS 112) with a passing grade. Alternatively, a B average in 72 points in appropriate courses with the approval of the Head of School.

R: HIST 381 (1999 only), HIST 364

HIST278-09S2 (C) **Semester 2**

HIST 279 Social and Cultural History of India

22 points 0.1833 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 18 points in HIST with a B grade or better, or 36 points in HIST or Ancient History (CLAS 111, CLAS 112) with a passing grade. Alternatively, a B average in 72 points in appropriate courses with the approval of the Head of School.

R: This option at HIST 441, HIST 367, SAST 202, SAST 302

EQ: SAST 202

HIST279-09S1 (C) **Semester 1**

HIST 280 The Search for Meaning: Great Ideas of the Western Tradition

22 points 0.1833 EFTS

Historical overview of the intellectual origins of contemporary Western civilization from Plato to the present.

P: Either 18 points in HIST with a B grade or better, or 36 points in HIST or Ancient History (CLAS 111, CLAS 112) with a passing grade. Alternatively, a B average in 72 points in appropriate courses with the approval of the Head of School.

R: HIST 380

HIST280-09S2 (C) **Semester 2**

HIST 281 Resistance and Conformity in Nazi Germany

22 points 0.1833 EFTS

This course examines both resistance/dissent and co-operation/collaboration amongst five key social groups in Nazi Germany: workers, soldiers, Christians, women and youth. Above all, the course investigates the impact of Nazi

social and racial policies on German society, and the ways in which ordinary Germans responded to these policies.

P: Either 18 points in HIST with a B grade or better, or 36 points in HIST or Ancient History (CLAS 111, CLAS 112) with a passing grade. Alternatively, a B average in 72 points in appropriate courses with the approval of the Head of School.

R: HIST 369

HIST281-09S2 (C) **Semester 2**

HIST 282 History of Technology

22 points 0.1833 EFTS

Not Offered in 2009

This course explores the role of technology in shaping the modern world. By focusing on a number of 'case studies', such as the development of printing, military, chemical, industrial and digital technologies, the course will address underlying questions concerning the socio-historical contexts, design features, functions and dispersion patterns of technological innovations.

R: HIST 388

HIST 283 Ethnicity

22 points 0.1833 EFTS

This course presents a study of race, ethnic and indigenous relations with particular emphasis on the challenges and changes that confront the politics of diversity on Aotearoa/New Zealand.

P: Either 18 points in HIST with a B grade or better, or 36 points in HIST or Ancient History (CLAS 111, CLAS 112) with a passing grade. Alternatively, a B average in 72 points in appropriate courses with the approval of the Head of School.

R: ANTH 223, MAOR 230, SOCI 223, SOCI 323

EQ: ANTH 223, MAOR 230, SOCI 223

HIST283-09S2 (C) **Semester 2**

HIST 288 Exploring the Past

22 points 0.1833 EFTS

This course provides students with a framework for structured reflection on the relationship between history, anthropology and sociology.

P: Either 18 points in HIST with a B grade or better, or 36 points in HIST or Ancient History (CLAS 111, CLAS 112) with a passing grade. Alternatively, a B average in 72 points in appropriate courses with the approval of the Head of School.

R: ANTH 238, SOCI 238, SOCI 338

EQ: ANTH 238, SOCI 238

HIST288-09S1 (C) **Semester 1**

HIST 291 Chinese Society and Culture since 1949

22 points 0.1833 EFTS

This course, taught in English, examines the attempt to create a new form of society and a new socialist culture in China between 1949 and 1976, then traces the emergence of a new, more diverse social order between 1976 and the present.

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 HOD.

R: CHIN 208, CHIN 303, HIST 391

EQ: CHIN 208

HIST291-09S2 (C) **Semester 2**

HIST 334 Anzac Neighbours

28 points 0.2333 EFTS

This course compares and contrasts the histories of the neighbouring countries of New Zealand and Australia, with a focus on the twentieth century. The course examines both how New Zealand identities are shaped by being 'not Australian' and how New Zealand was once part of a place called Australasia. In this comparative and regional course, students will develop an understanding of how New Zealand and Australia still belong to a coherent if not self-evident region.

P: 44 points at 200 level HIST, or 200 level Ancient History or 200 level MAOR.

R: HIST 270

HIST334-09S1 (C) **Semester 1**

HIST 339 War and Society in Europe, 1900-1945

28 points 0.2333 EFTS

Focusing on the two world wars of 1914-18 and 1939-45, this course explores the relationship between war and society in Europe during the first half of the twentieth century. The military history of both conflicts is examined in some depth, but the course also investigates the political, diplomatic, and social history of the two world wars. Specific topics that are covered include the causes, military history and social history of World War I; the causes, military history and social history of World War II; resistance in the German-occupied territories during World War II; the politics and diplomacy of both world wars.

P: 44 points in HIST at 200-level, or 200-level Ancient History or 200-level Maori and Indigenous Studies.

R: HIST 239, HIST 301, HIST 302, HIST 305,

HIST339-09S1 (C) **Semester 1**

HIST 352 Kiwi Culture

28 points 0.2333 EFTS

This course explores the invention of kiwi culture from first Maori 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: 44 points in HIST at 200-level, or 200-level Ancient History or 200-level Maori and Indigenous Studies.
R: HIST 243

HIST352-09S1 (C) **Semester 1**

HIST 353 Myth and History

28 points 0.2333 EFTS

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 '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. The course will look at the power of myth, mythic figures and their histories and stories. The course will cover the literature and ideas associated with myth from Carl Jung and Joseph Campbell to the works of New Zealand scholars such as Margaret Orbell and Charles Royal.

P: 44 points (HIST 200, CLAS 214, CLAS 215, CLAS 216, CLAS 217, MAOR 214, MAOR 218, MAOR 219)
R: HIST 276, MAOR 329
EQ: MAOR 329

HIST353-09S1 (C) **Semester 1**

HIST 357 French Revolution 1789-1799

28 points 0.2333 EFTS

The subject of this course is one of the most heavily-researched and fiercely-debated transitions in modern European history. The French Revolution virtually invented the vocabulary of modern political discourse, including the basic distinction between "Left" and "Right" in politics, and created a revolutionary tradition which strongly influenced the conduct of nineteenth century French politics and the Russian Revolution of 1917.

P: 44 points at 200 level HIST, or 200 level Ancient History or 200 level MAOR.
R: HIST 208, HIST 250, HIST 251, HIST 309, HIST 350, HIST 351, HIST 277

HIST357-09S2 (C) **Semester 2**

HIST 362 New Zealand Social History

28 points 0.2333 EFTS

Not Offered in 2009

A study of the social underpinnings of the political turning points in New Zealand History from 1890 to 1984.

P: 44 points (HIST 200, CLAS 214, CLAS 215, CLAS 216, CLAS 217, MAOR 214, MAOR 218, MAOR 219).

HIST 364 America and the Cold War

28 points 0.2333 EFTS

An overview of American diplomacy, politics and culture during the Cold War.

P: 44 points at 200 level HIST, or 200 level Ancient History or 200 level MAOR.
R: HIST 381 (1999 only), HIST 278

HIST364-09S2 (C) **Semester 2**

HIST 366 Te Ao Hurihuri: Colonisation and Maori

28 points 0.2333 EFTS

This course focuses on the impact of colonisation on traditional Maori society. Topics include first contact; religion and spiritual beliefs, God vs Gods; war, Musket Wars vs Traditional Taua; sovereignty, Settler Government vs Kingitanga and Kotahitanga; prophets, guerrilla warfare vs passive resistance; changes in economic and social life, kumara vs potato; education, te reo vs English. The course looks at the impacts of colonisation on Maori in contemporary times. Students are encouraged to research a topic of their choosing.

P: Any 22 points in Maori and Indigenous Studies or their double-coded equivalents or 44 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 80 points in appropriate courses may enter the course with the approval of the HOD.
R: MAOR 317, RELS 322, CULT 302
EQ: CULT 302, MAOR 317, RELS 322

HIST366-09S1 (C) **Semester 1**

HIST 367 Social and Cultural History of India

28 points 0.2333 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 as contexts for regulation of and resistance to cultural and political authority at different times in Indian history.

P: 44 points at 200 level HIST or 200 level Ancient History (CLAS 214, CLAS 215, CLAS 216, CLAS 217) or 200 level Maori and Indigenous Studies (MAOR 214, MAOR 218, MAOR 219).
R: This option at HIST 441, HIST 279. SAST 202, SAST 302
EQ: SAST 302

HIST367-09S1 (C) **Semester 1**

HIST 369 Resistance and Conformity in Nazi Germany

28 points 0.2333 EFTS

This course examines both resistance/dissent and co-operation/collaboration amongst five key social groups in Nazi Germany: workers, soldiers, Christians, women and youth. Above all, the course investigates the impact of Nazi social and racial policies on German society, and the ways in which ordinary Germans responded to these policies.

P: 44 points at 200 level HIST or 200 level Ancient History (CLAS 214, CLAS 215, CLAS 216, CLAS 217) or 200 level Maori (MAOR 214, MAOR 218, MAOR 219).
R: HIST 281

HIST369-09S2 (C) **Semester 2**

HIST 370 Empire and War: Japan 1853-1952

28 points 0.2333 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. 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: 22 points of HIST or JAPA (non language courses) at 200-level with a B pass; or 44 points of HIST or JAPA (non-language courses) at 200-level; or any 66 points from the Arts Schedule at 200 level.
R: JAPA 312
EQ: JAPA 312

HIST370-09S1 (C) **Semester 1**

HIST 371 Emancipations: Power and Freedom in World History since 1750

28 points 0.2333 EFTS

This course analyses three great emancipations: the abolition of slavery; the admission of the poor to political citizenship; and the attainment of political citizenship by women. It also explains the rise and fall of racially restrictive democracy in North America, Australia and Southern Africa.

P: 44 points in HIST at 200-level, or 200-level Ancient History or 200-level Maori and Indigenous Studies.
R: HIST 247

HIST371-09S1 (C) **Semester 1**

HIST 373 Renaissance and Reformation Europe

28 points 0.2333 EFTS

A thematic study of two major transformations in European History between c.1350 and c.1600.

P: 44 points in HIST at 200-level, or 200-level Ancient History or 200-level Maori and Indigenous Studies.
R: HIST 253

HIST373-09S1 (C) **Semester 1**

HIST 375 The Muslim World, 600-1650

28 points 0.2333 EFTS

Not Offered in 2009

This course will explore the development of one of the key factors that has helped shape the modern world, the religion and civilisation of Islam. The course will explore the nature and development of Islam as a religion, its profound impact upon the cultures and societies who adopted and adapted it to their particular circumstances, and reactions to its spread amongst those outside the Umma (the community of Muslims).

P: 44 points at 200 level HIST, or 200 level Ancient History or 200 level MAOR.
R: HIST 275

HIST 376 Making Imperial Britain, 1780s to 1914

28 points 0.2333 EFTS

An introduction to British History covering state, society and identities, with ample reference to Scotland, Ireland and Wales.

P: 44 points in HIST at 200-level, or 200-level Ancient History or 200-level Maori and Indigenous Studies.
R: HIST 254

HIST376-09S2 (C) **Semester 2**

HIST 377 American Revolution and Civil War

28 points 0.2333 EFTS

An examination into the origins of popular government, the genius of American revolutionary politics, and the Civil War which ended slavery.

P: 44 points in HIST at 200-level, or 200-level Ancient History or 200-level Maori and Indigenous Studies.
R: HIST 257

HIST377-09S1 (C) **Semester 1**

HIST 378 Rise of Empires: Settlers and Natives

28 points 0.2333 EFTS

Many contemporary issues are legacies of European overseas empires. This course addresses the genesis of some of those issues through the following questions: Why did large parts of the world come under European (and especially British) domination? What problems arose in the government of both settlers and indigenous peoples, and how were these problems tackled? Could settler and indigenous interests be reconciled?

P: 44 points in HIST at 200-level, or 200-level Ancient History or 200-level Maori and Indigenous Studies.
R: HIST 258

HIST378-09S1 (C) **Semester 1**

HIST 379 Maori and Indigenous Development

28 points 0.2333 EFTS

This course will examine the history of Maori economic development. Students will gain an understanding of recent developments and the factors which have affected Maori engagement with globalisation over the past two hundred years.

P: 44 points in HIST at 200-level, or 200-level Ancient History or 200-level Maori and Indigenous Studies.
R: HIST 262, MAOR 212

HIST379-09S2 (C) **Semester 2**

HIST 380 The Search for Meaning: Great Ideas of the Western Tradition

28 points 0.2333 EFTS

Historical overview of the intellectual origins of contemporary Western civilization from Plato to the present.

P: 44 points at 200 level HIST, or 200 level Ancient History or 200 level MAOR.
R: HIST 280

HIST380-09S2 (C) **Semester 2**

HIST 381 Special Topic
28 points 0.2333 EFTS

Not Offered in 2009

P: 44 points at 200 level HIST, or 200 level Ancient History or 200 level MAOR.

HIST 382 Britain in the 'Swinging Sixties'
28 points 0.2333 EFTS

A historical investigation of politics and popular culture, cultural dissent in the first world and revolution in the third, iconic figures like Malcolm X, Che Guevara, Bernadette Devlin, Woodstock, Watergate, Vietnam. Why were students revolting? Where are they now?

P: 44 points at 200 level HIST, or 200 level Ancient History or 200 level MAOR.
R: HIST 271

HIST382-08SU2 (C) **Summer (Nov 08)**

HIST 383 Special Topic: Life and Times of Mahatma Gandhi
28 points 0.2333 EFTS

Not Offered in 2009

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: 44 points at 200 level HIST, or 200 level Ancient History or 200 level MAOR.
R: HIST 260, SAST 203, SAST 303
EQ: SAST 303

HIST 387 Medieval Crusades and Crusaders
28 points 0.2333 EFTS

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: 44 points in HIST at 200-level, or 200-level Ancient History or 200-level Maori and Indigenous Studies.
R: HIST 340 and this option at HIST 250, HIST 251, HIST 350, HIST 351, HIST 265

HIST387-09S2 (C) **Semester 2**

HIST 388 History of Technology
28 points 0.2333 EFTS

Not Offered in 2009

This course explores the role of technology in shaping the modern world. By focusing on a number of 'case studies', such as the development of printing, military, chemical, industrial and digital technologies, the course will address underlying questions concerning the socio-historical contexts, design features, functions and dispersion patterns of technological innovations.

R: HIST 282

HIST 389 Europe Since 1945
28 points 0.2333 EFTS

This course explores the social history of the peoples of Europe on both sides of the' Iron Curtain' from the end of World War Two to the collapse of Communism in 1990.

P: 44 points in HIST at 200 level, or 200 level Ancient History or 200 level Maori and Indigenous Studies (MAOR).
R: EURO 326
EQ: EURO 326

HIST389-09S2 (C) **Semester 2**

HIST 390 Independent Course of Study
28 points 0.2333 EFTS

P: 44 points in HIST at 200 level, or 200 level Ancient History or 200 level Maori and Indigenous Studies (MAOR).

HIST390-09S1 (C) **Semester 1**

HIST 391 Chinese Society and Culture since 1949
28 points 0.2333 EFTS

This course, taught in English, examines the attempt to create a new form of society and a new socialist culture in China between 1949 and 1976, then traces the emergence of a new, more diverse social order between 1976 and the present.

P: 44 points at 200 level HIST, or 200 level Ancient History or 200 level MAOR.
R: CHIN 208, CHIN 303, HIST 291

HIST391-09S2 (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.

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.

HIST423-09W (C) **Whole Year (S1 and S2)**

HIST 429 Social History of Medicine
0.2500 EFTS

An introduction to the flourishing sub-disciplines of social history of medicine and health history.

P: Subject to approval of the Head of School.

HIST429-09W (C) **Whole Year (S1 and S2)**

HIST 432 New Zealand in the Pacific
0.2500 EFTS

Not Offered in 2009

New Zealand's relationship with the Pacific Islands is historically complex: the Pacific Islands is the only part of the world where this country occupies a 'great power' role. It has been patron of missions and humanitarian projects, investor, colonial power, rescuer in war-time, leader in decolonisation, migration host, and aid donor. This course charts these multiple roles and locates them in the context of New Zealand politics.

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.

HIST436-09W (C) **Whole Year (S1 and S2)**

HIST 440 Constructing Feminist History
0.2500 EFTS

Not Offered in 2009

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

HIST 441 Policing and Resistance: Ancient India to Independence
0.2500 EFTS

Not Offered in 2009

A consideration of different forms of cultural and political policing and the role of resistance to power in shaping Indian culture and state formation.

P: Subject to approval of the Head of School.
R: HIST 367

HIST 442 The History and Nature of Biography
0.2500 EFTS

Not Offered in 2009

The development of biographical writing as a form of historical and literary discourse; and the examination of curious theories about the individual in history and the way to approach the writing of individual lives.

P: Subject to approval of the Head of School.

HIST 443 Issues in New Zealand History
0.2500 EFTS

A critical study of the historical literature on key issues in New Zealand history.

P: Subject to approval of the Head of School.
R: DIPL 429
EQ: DIPL 429

HIST443-09W (C) **Whole Year (S1 and S2)**

HIST 449 Issues in Modern European History
0.2500 EFTS

This course will investigate in depth some of the great debates of twentieth-century historiography, such as the nature of 'totalitarian' states like Nazi Germany and Stalinist Russia, the origins of World War II, the origins and character of the Cold War, and the collapse of the Communist Bloc. Students will investigate and systematically evaluate the views of key historians in these debates, as well as looking in detail at relevant primary sources.

P: Subject to approval of Head of School.
R: HIST 438, HIST 448, EURO 448, DIPL 418, DIPL 423, DIPL 428
EQ: DIPL 428

HIST449-09W (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

HIST450-09W (C) **Whole Year (S1 and S2)**

HIST 452 Reconstructing Europe, 1945-57
0.2500 EFTS

Not Offered in 2009

This course examines the political and diplomatic processes that led to the Cold War in Europe and the genesis of the European Union.

P: Subject to approval of the Head of School.
R: DIPL 412, EURO 418
EQ: DIPL 412, EURO 418

HIST 480 Research Paper
0.2500 EFTS

P: Subject to approval of Head of School.

HIST480-09W (C) **Whole Year (S1 and S2)**

HIST 481 Research Paper
0.2500 EFTS

Not Offered in 2009

P: Subject to approval of Head of School.

HIST 690 MA Thesis

1.0000 EFTS

P: Subject to approval of Head of School.

HIST690-09A (C) **Starts Anytime**

Note: 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.

HIST790-09A (C) **Starts Anytime**

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

**From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

History and Philosophy of Science

College of Arts

HAPS 101 Cultures of Inquiry and the Origins of Science

18 points 0.1500 EFTS

How were aspirations for 'natural science' seeded into culture in the ancient world? And what had to happen culturally and intellectually before such aspirations began to be systematically fulfilled? HAPS 101 looks at ancient Mesopotamia, Greece, China, and India, as well as the important work of Arab-speaking peoples. It turns then to the intellectual re-awakening of Europe during the Middle Ages and the delightfully strange-seeming natural-philosophical investigations of the early renaissance. These topics are all important for understanding the revolutionary changes in society and knowledge which happened in seventeenth-century Europe (the "Scientific Revolution"), and thus the eventual ignition of science.

R: HAPS 402, PHIL 237, PHIL 257

HAPS101-09S2 (C) **Semester 2**

HAPS 201 The scientific method debate; European science 1200-1700

22 points 0.1833 EFTS

Topics in history and philosophy of science, complementary to those in HAPS202/302 Theory, measurement, reality; world science since 1700.

P: HAPS 101, or 36 points in either PHIL or HIST, or 72 points in science subjects and the permission of the HAPS coordinator.

R: PHIL 223, PHIL 237

RP: HAPS 101

HAPS201-09S1 (C) **Semester 1**

HAPS 202 Theory, measurement, reality; world science since 1700

22 points 0.1833 EFTS

Topics in history and philosophy of science, complementary to those in HAPS201 The scientific method debate; European science 1200-1700.

P: HAPS 101, or 36 points in either PHIL or HIST, or 72 points in science subjects and the permission of the HAPS coordinator.

R: HAPS 302, PHIL 223, PHIL 237

RP: HAPS 101.

HAPS202-09S2 (C) **Semester 2**

HAPS 203 Independent Course of Study

22 points 0.1833 EFTS

P: HAPS 101, or 36 points in either PHIL or HIST, or 72 points in science subjects and the permission of the HAPS coordinator.

RP: HAPS 101

HAPS203-09W (C) **Whole Year (S1 and S2)**

HAPS 302 Theory, measurement, reality; world science since 1700

28 points 0.2333 EFTS

Topics in history and philosophy of science, complementary to those in HAPS201 The scientific method debate; European science 1200-1700.

P: HAPS 201.

R: HAPS 202, PHIL 223, PHIL 237

RP: HAPS 101

HAPS302-09S2 (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.

HAPS 401 Philosophy of Science

0.2500 EFTS

The methodological and conceptual foundations of theoretical and experimental science.

P: Subject to approval by a HAPS programme coordinator and the relevant Head of Department or School.

HAPS401-09W (C) **Whole Year (S1 and S2)**

HAPS 402 History of Science

0.2500 EFTS

Study of the intellectual developments, philosophical principles, personalities, and social factors involved in the rise of science.

P: Subject to approval by a HAPS programme coordinator and the relevant Head of Department or School.

HAPS402-09W (C) **Whole Year (S1 and S2)**

HAPS 403 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 by a HAPS programme coordinator and the relevant Head of Department or School.
R: HIST 450
EQ: HIST 450

HAPS403-09W (C) **Whole Year (S1 and S2)**

HAPS 404 Social History of Medicine
0.2500 EFTS

P: Subject to approval by a HAPS programme coordinator and the relevant Head of Department or School.

HAPS404-09W (C) **Whole Year (S1 and S2)**

HAPS 405 Mathematics in Perspective
0.1430 EFTS

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.

HAPS405-09S2 (C) **Semester 2**

HAPS 406 History of Mathematics
0.1430 EFTS

Not Offered in 2009

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

P: Subject to approval by a HAPS programme coordinator and the relevant Head of Department or School.

HAPS407-09S1 (C) **Semester 1**

HAPS 408 Epistemology
0.2500 EFTS

Not Offered in 2009

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

P: Subject to approval by a HAPS programme coordinator and the relevant Head of Department or School.

HAPS409-09W (C) **Whole Year (S1 and S2)**

HAPS 410 Philosophy of Mathematics
0.2500 EFTS

P: Subject to approval by a HAPS programme coordinator and the relevant Head of Department or School.

HAPS410-09W (C) **Whole Year (S1 and S2)**

HAPS 411 Philosophical Topics in Science
0.2500 EFTS

P: Subject to approval by a HAPS programme coordinator and the relevant Head of Department or School.

HAPS411-09W (C) **Whole Year (S1 and S2)**

HAPS 412 Science Technology and the Politics of Knowledge
0.2500 EFTS

Not Offered in 2009

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

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

HAPS413-09S2 (C) **Semester 2**

HAPS 415 History of Civil Engineering
0.1250 EFTS

Not Offered in 2009

Significant advances in the art and science of civil engineering. The role of the civil engineer in society. The principal class contact component for this course will comprise the lectures for the course ENCI 411. The assessment will be different and more demanding that for ENCI 411 and will include a major essay.

P: Subject to approval by a HAPS programme coordinator and the relevant Head of Department or School.

HAPS 416 The Nature of Psychological Inquiry
0.1250 EFTS

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

HAPS416-09S2 (C) **Semester 2**

HAPS 431 Special Topic

0.1250 EFTS

P: Subject to approval by a HAPS programme coordinator and the relevant Head of Department or School.

HAPS431-09S1 (C) **Semester 1**
HAPS431-09W (C) **Whole Year (S1 and S2)**
HAPS431-09S2 (C) **Semester 2**

HAPS 432 Special Topic

0.1250 EFTS

P: Subject to approval by a HAPS programme coordinator and the relevant Head of Department or School.

HAPS432-09S1 (C) **Semester 1**
HAPS432-09W (C) **Whole Year (S1 and S2)**
HAPS432-09S2 (C) **Semester 2**

HAPS 433 Special Topic

0.1250 EFTS

P: Subject to approval by a HAPS programme coordinator and the relevant Head of Department or School.

HAPS433-09S1 (C) **Semester 1**
HAPS433-09S2 (C) **Semester 2**

HAPS 480 Research Essay

0.2500 EFTS

P: Subject to approval by a HAPS programme coordinator and the relevant Head of Department or School.

HAPS480-09W (C) **Whole Year (S1 and S2)**
HAPS480-09S1 (C) **Semester 1**
HAPS480-09S2 (C) **Semester 2**

HAPS 690 MA Thesis

1.0000 EFTS

P: Subject to approval by a HAPS programme coordinator and the relevant Head of Department or School.

HAPS690-09A (C) **Starts Anytime**

Note: 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.

HAPS695-09A (C) **Starts Anytime**

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.

HAPS790-09A (C) **Starts Anytime**

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

Human Services

College of Arts

HSRV 101 Human Services and Systems in New Zealand

18 points 0.1500 EFTS

An introduction to the provision of welfare services in Aotearoa/New Zealand this course offers students an opportunity to examine social, economic and political factors that have influenced current welfare systems. Tools will be taught to develop a framework of analysis for social service provision. The first part of the course addresses basic organising concepts of welfare, using historical and contemporary case studies. In the second part, major service areas are expanded upon and analysed in reference to delivery issues.

R: SOWK 101
EQ: SOWK 101

HSRV101-09S2 (C) **Semester 2**

HSRV 102 Contemporary Issues and the Social Services

18 points 0.1500 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

HSRV102-09S1 (C) **Semester 1**

HSRV 103 Violence in Society

18 points 0.1500 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.

HSRV103-09S2 (C) **Semester 2**

HSRV 201 Communication in the Human Services

22 points 0.1833 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 Maori is integral to the course in terms of the New Zealand context.

P: 36 points from HSRV 101, HSRV 102, HSRV 103, SOWK 101 and SOWK 102. Students without this prerequisite but with at least 72 points in appropriate courses may enter the course with the permission of the Head of School.
R: SOWK 201
EQ: SOWK 201

HSRV201-09S2 (C) **Semester 2**

HSRV 202 Human Behaviour and Human Systems

22 points 0.1833 EFTS

This course examines the applications of 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: 36 points from HSRV 101, HSRV 102, HSRV 103, SOWK 101 and SOWK 102. Students without this prerequisite but with at least 72 points in appropriate courses may enter the course with the permission of the Head of School.
R: SOWK 202
EQ: SOWK 202

HSRV202-09S2 (C) **Semester 2**

HSRV 203 Policy Debates in the Social Services

22 points 0.1833 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: 36 points from HSRV 101, HSRV 102, HSRV 103, SOWK 101 and SOWK 102. Students without this prerequisite but with at least 72 points in appropriate courses may enter the course with the permission of the Head of School.
R: SOWK 203
EQ: SOWK 203

HSRV203-09S1 (C) **Semester 1**

HSRV 204 Indigenous Issues and the State

22 points 0.1833 EFTS

This course is designed to provide students with opportunities to examine some of the cultural issues that have made an impact on the social fabric of New Zealand. It is designed so that students have opportunities to analyse and explore sociological and philosophical approach to New Zealand's cultural and social history.

P: 36 points from HSRV 101, HSRV 102, HSRV 103, SOWK 101 and SOWK 102. Students without this prerequisite but with at least 72 points in appropriate courses may enter the course with the permission of the Head of School.

HSRV204-09S2 (C) **Semester 2**

HSRV 205 The Politics of Need: Globalisation, Poverty and Welfare Provision

22 points 0.1833 EFTS

An advanced course in the study of the changing nature of modern welfare states in the context of globalisation. Prior completion of SOCI 221 (Social Policy) and/or SOCI 242 (Urban Change and Globalisation) would be helpful but is not necessary.

P: 36 points from HSRV 101, HSRV 102, HSRV 103, SOWK 101 and SOWK 102. Students without this prerequisite but with at least 72 points in appropriate courses may enter the course with the permission of the Head of School.
R: SOCI 268, SOCI 368

HSRV205-09S2 (C) **Semester 2**

HSRV 206 Child Protection and Family Welfare

22 points 0.1833 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: 36 points from HSRV 101, HSRV 102, HSRV 103, SOWK 101 and SOWK 102. Students without this prerequisite but with at least 72 points in appropriate courses may enter the course with the permission of the Head of School.

HSRV206-09S2 (C) **Semester 2**

HSRV 207 Te Tiriti: The Treaty of Waitangi

22 points 0.1833 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 Maori 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, Maori seats, race relations, one law for all.

P: Any 18 points in 100-level courses in Aotahi: School of Maori and Indigenous Studies or 36 points in 100-level

courses in Arts, Education, Fine Arts, Music and Social Work, or by permission of the Head of the School.
R: MAOR 219, HIST 268, SOCI 209, POLS 218
EQ: MAOR 219, HIST 268, SOCI 209, POLS 218
HSRV207-09S1 (C) **Semester 1**

HSRV 208 Gender Sensitivity and Human Services

22 points 0.1833 EFTS

This course provides students with the opportunity to explore constructions of gender in both general and more specialised contexts of the Human Services.

P: HSRV 101 and HSRV 102, or SOWK 101 and SOWK 102. Students without this prerequisite but with at least 72 points in appropriate courses may enter the course with the permission of the Head of School.

HSRV208-09S1 (C) **Semester 1**

HSRV 301 Change and Human Systems

28 points 0.2333 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 44 points of Human Services at 200 level. Students without this prerequisite but with at least 88 points at 200 level or above in appropriate courses may enter the course with the permission of the Head of School.

HSRV301-09S1 (C) **Semester 1**

HSRV 302 Qualitative Research Methods

28 points 0.2333 EFTS

This course covers the fundamentals of social research, focussing on qualitative research methods, and the design and execution of minor research projects in the human services area.

P: Any 44 points of Human Services at 200 level. Students without this prerequisite but with at least 88 points at 200 level or above in appropriate courses may enter the course with the permission of the Head of School.
R: SOWK 302
EQ: SOWK 302

HSRV302-09S1 (C) **Semester 1**

HSRV 303 Women, Offending and Victimisation: Perspectives

28 points 0.2333 EFTS

This course considers a range of explanatory theories emanating from a arange 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 philisophical 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 44 points of Human Services at 200 level. Students without this prerequisite but with at least 88 points at 200 level or above in appropriate courses may enter the course with the permission of the Head of School.

HSRV303-09S1 (C) **Semester 1**

HSRV 304 Thinking Cross-Culturally

28 points 0.2333 EFTS

This course draws together considerations for effective human service 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 44 points of Human Services at 200 level. Students without this prerequisite but with at least 88 points at 200 level or above in appropriate courses may enter the course with the permission of the Head of School.
R: SOWK 304
EQ: SOWK 304

HSRV304-09W (C) **Whole Year (S1 and S2)**

HSRV 305 Quantitative Research Methods

28 points 0.2333 EFTS

Building on HSRV302, this course focuses on quantitative research methods. The course covers the fundamentals of social research, including: problem formulations; 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: Any 44 points of Human Services at 200 level. Students without this prerequisite but with at least 88 points at 200 level or above in appropriate courses may enter the course with the permission of the Head of School.
R: SOWK 305
EQ: SOWK 305

HSRV305-09S2 (C) **Semester 2**

HSRV 306 Non-Governmental Organisations and Social Development

28 points 0.2333 EFTS

Not Offered in 2009

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 44 points of Human Services at 200 level. Students without this prerequisite but with at least 88 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

28 points 0.2333 EFTS

Not Offered in 2009

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 equality and a sustainable provision of welfare. Specific programmes and policies affecting older people are also explored.

P: Any 44 points of Human Services at 200 level. Students without this prerequisite but with at least 88 points at 200 level or above in appropriate courses may enter the course with the permission of the Head of School.

HSRV 308 Gender Sensitivity and Human Services

28 points 0.2333 EFTS

This course provides students with the opportunity to explore constructions of gender in both general and more specialised contexts of the Human Services.

P: Any 44 points of Human Services at 200 level. Students without this pre-requisite but with at least 88 points at 200 level or above in appropriate courses may enter the course with the permission of the Head of School.

HSRV308-09S1 (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.

HSRV 401 Advanced Practice Approaches in Human Services

0.2500 EFTS

This course uses research and theory to illuminate the functioning and processes of change within and across family, organisation, community and global systems. The course includes issues of ethnicity, class, and gender in the analysis of social change and empowerment. 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.

HSRV401-09W (C) **Whole Year (S1 and S2)**

HSRV 402 Responding to Violence in Society

0.2500 EFTS

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

HSRV402-09W (C) **Whole Year (S1 and S2)**

HSRV 403 Disability: Politics and Practice

0.2500 EFTS

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, conntmeporary policy development and disability services.

P: Subject to approval of the Head of School.

HSRV403-09W (C) **Whole Year (S1 and S2)**

HSRV 404 Pacific Gender Relations in the Human Services

0.2500 EFTS

This course considers the impact of colonisation on gender relations in the Pacific and examines the nature of Pacific gender relations in contemporary New Zealand society. Topics covered include theoretical foundations of gender, gender roles in the Pacific pre and post colonialism and the status of Pacific peoples in contemporary New Zealand society.

P: Subject to approval of the Head of School.

HSRV404-09W (C) **Whole Year (S1 and S2)**

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 educationa and the hidden curriculum; sex and harrassment; 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.

HSRV407-09S2 (C) **Semester 2**

HSRV 408 Culture, Context and Ageing

0.2500 EFTS

The applicaiton 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

HSRV408-09W (C) **Whole Year (S1 and S2)**

HSRV 410 Special Topic

0.2500 EFTS

P: Subject to approval of the Head of School.
R: SOWK 410
EQ: SOWK 410

HSRV410-09S2 (C) **Semester 2**

HSRV 411 Nga Take Maori: Maori Political Issues

0.2500 EFTS

A study and analysis of topical issues within Maori 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

HSRV411-09W (C) **Whole Year (S1 and S2)**

HSRV 413 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 the Head of School.
R: SOCI 413

HSRV413-09W (C) **Whole Year (S1 and S2)**

HSRV 414 Pacific Identities and Human Service Practice

0.2500 EFTS

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.

HSRV414-09W (C) **Whole Year (S1 and S2)**

HSRV 415 Special Topic

0.2500 EFTS

P: Subject to approval of the Head of School.

HSRV415-09W (C) **Whole Year (S1 and S2)**

HSRV 417 Criminal Justice Perspectives and Practice

0.2500 EFTS

Not Offered in 2009

The course considers a range of explanatory theories emanating from a range of disciplines that contribute to current understandings of crimial 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 form 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.

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

HSRV419-09W (C) **Whole Year (S1 and S2)**

HSRV 421 Qualitative Evaluation Research for the Human Services

0.2500 EFTS

Using a service/programme evaluation framework, this course introduces a range of qualitative reserach 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

HSRV421-09W (C) **Whole Year (S1 and S2)**

HSRV 422 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 the Head of School.
R: GEND 408, SOCI 408

HSRV422-09S1 (C) **Semester 1**

HSRV 423 Special Topic

0.2500 EFTS

P: Subject to approval of the Head of School.

HSRV423-09W (C) **Whole Year (S1 and S2)**

HSRV 424 Special Topic

0.2500 EFTS

P: Subject to approval of the Head of School.

HSRV424-09W (C) **Whole Year (S1 and S2)**

HSRV 425 Special Topic
0.2500 EFTS

P: Subject to approval of the Head of School.

HSRV425-09W (C) **Whole Year (S1 and S2)**

HSRV 690 MA Thesis
1.0000 EFTS

P: Subject to approval of the Head of School.

HSRV690-09A (C) **Starts Anytime**

Note: 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.

HSRV790-09A (C) **Starts Anytime**

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

International Law and Politics

School of Law

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

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

ILAP601-09S1 (C) **Semester 1**

ILAP 602 The United Nations
0.1500 EFTS

Not Offered in 2009

P: Subject to approval of the Programme Director
R: LAWS 343, DIPL 421

ILAP 603 International Humanitarian Law
0.1500 EFTS

P: Subject to approval of the Programme Director.

ILAP603-09S2 (C) **Semester 2**

ILAP 604 International Criminal Law
0.1500 EFTS

P: Subject to approval of the Programme Director.
R: LAWS 321, DIPL 421

ILAP604-09S1 (C) **Semester 1**

ILAP 605 Terrorism
0.1500 EFTS

Not Offered in 2009

P: Subject to approval of the Programme Director

ILAP 606 The Use of Force Between States
0.1500 EFTS

Not Offered in 2009

P: Subject to approval of the Programme Director.

ILAP 607 Problems in International Law
0.1500 EFTS

Not Offered in 2009

P: Subject to approval of the Programme Director.
R: LAWS 347, DIPL 402

ILAP 608 Law of International Trade
0.1500 EFTS

P: Subject to approval of the Programme Director.
R: LAWS 338, DIPL 402

ILAP608-09S2 (C) **Semester 2**

ILAP 609 International Human Rights Law
0.1500 EFTS

P: Subject to approval of the Programme Director.
R: LAWS 322, DIPL 421

ILAP609-09S2 (C) **Semester 2**

ILAP 610 Immigration and Refugee Law
0.1500 EFTS

Not Offered in 2009

P: Subject to approval of the Programme Director.
R: LAWS 323, DIPL 421

ILAP 611 Antarctic Legal Studies
0.1500 EFTS

P: Subject to approval of the Programme Director.
R: LAWS 336, LAWS 372

ILAP611-09S1 (C) **Semester 1**

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

ILAP612-09S2 (C) **Semester 2**

ILAP 613 Advanced Principles of Public International Law
0.1500 EFTS

A seminar-based course, involving an advanced study of the priniciples of public international law. This course is a compulsory component of the LLM (IntLaw&Pols).

P: Subject to approval of the Programme Director.

ILAP613-09S1 (C) **Semester 1**

ILAP 625 Dissertation

0.4000 EFTS

P: Subject to approval of the Programme Director.

ILAP625-09FY (C)

ILAP625-09CY (C) **Cross Year**

ILAP 626 International Institutions

0.1500 EFTS

Not Offered in 2009

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 Union Law

0.1500 EFTS

The course will provide students with an understanding of the principal facets of the legal system of the European Union. In particular, students will be introduced to the institutional structure of the EU; the law making capacity of the EU; judicial control and uniform interpretation of EU law; free movement of goods and peoples and EU competition law.

P: Subject to the approval of the Programme Director

R: LAWS 355

ILAP627-09S1 (C) **Semester 1**

ILAP 628 Special Topic

0.1500 EFTS

P: Subject to approval of the Programme Director.

ILAP628-09S1 (C) **Semester 1**

ILAP628-09S2 (C) **Semester 2**

ILAP 629 Special Topic

0.1500 EFTS

P: Subject to approval of the Programme Director.

ILAP629-09S1 (C) **Semester 1**

ILAP629-09S2 (C) **Semester 2**

ILAP 630 Special Topic: Law of the Sea

0.1500 EFTS

P: Subject to approval of the Programme Director.

R: LAWS 362

ILAP630-09S2 (C) **Semester 2**

College of Arts

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

ILAP 651 Intervention and International Relations

0.1500 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.

P: Subject to approval of the Programme Director.

R: POLS 422, DIPL 425

ILAP651-09S1 (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

ILAP652-09S2 (C) **Semester 2**

ILAP 653 New Zealand, Conflict and Pacific Politics

0.1500 EFTS

P: Subject to approval of the Programme Director.

R: POLS 308

ILAP653-09S2 (C) **Semester 2**

ILAP 654 International Politics: Conflict Management

0.1500 EFTS

P: Subject to approval of the Programme Director.

R: POLS 310

ILAP654-09S1 (C) **Semester 1**

ILAP 655 International Politics: Northeast Asia

0.1500 EFTS

P: Subject to approval of the Programme Director.

R: POLS 311

ILAP655-09S1 (C) **Semester 1**

ILAP 656 World Politics: Militaries and Societies

0.1500 EFTS

Not Offered in 2009

P: Subject to approval of the Programme Director.
R: POLS 314, ILAP 688

ILAP 657 International Politics: Force and Security in International Relations

0.1500 EFTS

P: Subject to approval of the Programme Director.
R: POLS 317

ILAP657-09S1 (C) **Semester 1**

ILAP 658 International Regimes for Health and Human Genetics

0.1500 EFTS

This course considers the relationship between advanced biotechnologies and health/health policy in Western states, via discussion of issues such as personalized medicine, nutrigenomics,pre-natal genetic testing, and animal-human hybrids. The course concludes by putting health biotechnology in an international context with case examples drawn from Africa and Latin America.

P: Subject to approval of the Programme Director.
R: POLS 416

ILAP658-09S2 (C) **Semester 2**

ILAP 659 International Conflict Resolution: The Theory and Practice of Mediation

0.1500 EFTS

P: Subject to approval of the Programme Director.
R: POLS 414, DIPL 410

ILAP659-09S1 (C) **Semester 1**

ILAP 660 International Political Economy

0.1500 EFTS

Not Offered in 2009

P: Subject to approval of the Programme Director.
R: POLS 417

ILAP 661 International Organisations

0.1500 EFTS

Not Offered in 2009

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 Special Topic: Political Economy of Human Rights

0.1500 EFTS

This course will focus on theoretical concepts and a practical understanding of how governments choose to respect or not respect the basic human rights of their citizens. This is a multidisciplinary introduction to legal, philosophical, cultural, economic, and political perspectives on human rights.

P: Subject to HOD approval.
R: POLS 405, DIPL 409

ILAP662-09S1 (C) **Semester 1**

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 the Maori.

P: Subject to approval of the Head of School.
R: POLS 401, DIPL 427

ILAP663-09S2 (C) **Semester 2**

ILAP 680 Dissertation

0.4000 EFTS

P: Subject to approval of the Programme Director.

ILAP680-09A (C) **Starts Anytime**

ILAP 681 Dissertation

0.4000 EFTS

Not Offered in 2009

P: Subject to approval of the Programme Director.

Italian

College of Arts

ITAL 101 Beginners' Italian

18 points 0.1500 EFTS

This course offers a serious introduction to Italian language in reading, writing, speaking and listening comprehension.

R: INCO 107 (2003)

ITAL101-09SU1 (C) **Summer (Jan 09)**

Japanese

College of Arts

JAPA 108 Introduction to Japanese Culture

18 points 0.1500 EFTS

A survey course which covers selected topics of Japan's society, geography, institutions and thought.

JAPA108-09S1 (C) **Semester 1**

JAPA 113 Introduction to Japanese Literature and Related Arts

18 points 0.1500 EFTS

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.

JAPA113-09S2 (C) **Semester 2**

JAPA 141 Beginners' Japanese

18 points 0.1500 EFTS

This is an introductory course for students with no previous knowledge of the Japanese language. It aims to give students a basic grounding in modern spoken and written Japanese.

R: JAPA 101 and JAPA 105

JAPA141-09S1 (C) **Semester 1**

JAPA 142 Elementary Japanese

18 points 0.1500 EFTS

JAPA 142 continues on from JAPA 141. By 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 170 kanji characters.

P: JAPA 141 (Level 2 NCEA with 15 credits or above in Japanese) or equivalent. Direct entry without the prerequisite is through a placement test and approval of the Programme Director.

R: JAPA 101, JAPA 105

JAPA142-09S2 (C) **Semester 2**

JAPA 151 Japanese Language 1A

18 points 0.1500 EFTS

By the end of this course, which builds upon JAPA 142, students should be able to use basic grammar and read and write increasingly complex text. They will also have learned a total of 250 kanji and 1,500 words and phrases.

P: JAPA 142 (Level 3 NCEA with 15 credits or above in Japanese) or equivalent. Direct entry without the prerequisite is through a placement test and approval of the Programme Director.

R: JAPA 105, JAPA 201

JAPA151-09S1 (C) **Semester 1**

JAPA 152 Japanese Language 1B

18 points 0.1500 EFTS

This second semester course builds upon JAPA 151. By the end of the course 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 151 or equivalent. Direct entry without the prerequisite is through a placement test and approval of the Programme Director.

R: JAPA 105, JAPA 201

JAPA152-09S2 (C) **Semester 2**

JAPA 205 Japanese Language 2

44 points 0.3667 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 105 or JAPA 152 or equivalent. Direct entry without the prerequisite is through a placement test and approval of the Programme Director.

R: JAPA 301

JAPA205-09W (C) **Whole Year (S1 and S2)**

JAPA 207 Written Communication in Japanese

22 points 0.1833 EFTS

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.

C: JAPA 205

JAPA207-09S1 (C) **Semester 1**

JAPA 208 Japanese Society

22 points 0.1833 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 72 points in appropriate courses at 100 level with approval of the Programme Director.

JAPA208-09S2 (C) **Semester 2**

JAPA 210 Japanese Manga

22 points 0.1833 EFTS

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 72 pts in appropriate courses at 100-level with the approval of the Programme Director.

JAPA210-09S2 (C) **Semester 2**

JAPA 212 Literary and Cinematic Representations of Japanese Society and Culture

22 points 0.1833 EFTS

Not Offered in 2009

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 72 points in Arts schedule

JAPA 305 Japanese Language 3

56 points 0.4667 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

JAPA305-09W (C) Whole Year (S1 and S2)

JAPA 307 Extension Japanese

28 points 0.2333 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 advanced letter writing and 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

JAPA307-09S2 (C) Semester 2

JAPA 312 Empire and War: Japan 1853 - 1952

28 points 0.2333 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. 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: 22 points of HIST or JAPA (non language courses) at 200 level with a B pass or above; or 44 points of HIST or JAPA (non-language courses) at 200 level; or any 66 points from the Arts Schedule at 200 level.

R: HIST 370

EQ: HIST 370

JAPA312-09S1 (C) Semester 1

JAPA 313 Professional Japanese

28 points 0.2333 EFTS

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

JAPA313-09S1 (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.

JAPA 412 Resources and Methods for Research in Japanese

0.1250 EFTS

The aim of the course is to provide students who are studying at Honours level with the training, skills and methodologies for conducting independent research at postgraduate level in Japanese.

P: Subject to approval of the Programme Director.

R: JAPA 303

JAPA412-09S1 (C) Semester 1

JAPA 413 Directed Research Essay

0.1250 EFTS

This course builds upon the skills acquired in JAPA 412. Students are required to write a 5,000 word extended essay on a topic agreed with their supervisor. They are expected to present this as a 'mini-thesis', as practical and academic preparation for MA and PhD thesis writing.

P: Subject to approval of the Programme Director.

JAPA413-09S2 (C) Semester 2

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, JAPA305: Japanese Language 3. On successful completion of JAPA414, 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

JAPA414-09S1 (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, JAPA414: Advanced Japanese Language A. On successful completion of JAPA415, the student should be able to read, comprehend, and critique articles on various topics in standard modern Japanese.

P: JAPA 414 OR subject to the approval of the Programme Director.

R: JAPA 407

JAPA415-09S2 (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

JAPA416-09S2 (C) **Semester 2**

JAPA 417 Literary Representations of Japanese Society and Culture

0.1250 EFTS

Not Offered in 2009

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 Direcotor
R: JAPA 402

JAPA 418 Cinematic Representations of Japanese Society and Culture

0.1250 EFTS

Not Offered in 2009

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

JAPA419-09S2 (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

JAPA420-09S1 (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

JAPA421-09S1 (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

JAPA422-09S2 (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

JAPA423-09S1 (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

JAPA424-09S1 (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

JAPA425-09S2 (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

JAPA426-09S2 (C) **Semester 2**

JAPA 427 Nationalism and the Emperor System

0.1250 EFTS

Not Offered in 2009

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

JAPA 428 Nihonjinron Discourse

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 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, Amae 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

JAPA428-09S1 (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

JAPA429-09S2 (C) **Semester 2**

JAPA 430 Special Topic

0.1250 EFTS

P: Subject to the approval of the Programme Director

JAPA430-09S1 (C) **Semester 1**

JAPA 431 Special Topic

0.1250 EFTS

P: Subject to the approval of the Programme Director

JAPA431-09S2 (C) **Semester 2**

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
R: FREN 417

LANC401-09S1 (C) **Semester 1**

JAPA 690 MA Thesis

1.0000 EFTS

P: Subject to approval of the Head of School.

JAPA690-09A (C) **Starts Anytime**

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

JAPA 790 Japanese PhD

1.0000 EFTS

P: Subject to approval of the Head of School.

JAPA790-09A (C) **Starts Anytime**

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

Journalism

College of Arts

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

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.

JOUR503-09W (C) **Whole Year (S1 and S2)**

Note: 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.

JOUR504-09W (C) **Whole Year (S1 and S2)**

Note: 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.

JOUR505-09W (C) **Whole Year (S1 and S2)**

Note: 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.

JOUR506-09W (C) **Whole Year (S1 and S2)**

Note: Limited entry. See limitation of entry regulations.

JOUR 507 Specialist Writing

0.2000 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.

JOUR507-09W (C) **Whole Year (S1 and S2)**

Note: Limited entry. See limitation of entry regulations.

JOUR 790 Journalism PhD
1.0000 EFTS

P: Subject to approval of the Head of School.

JOUR790-09A (C) Starts Anytime

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

**From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Korean

College of Arts

KREA 101 Elementary Korean Language 1
18 points 0.1500 EFTS

An elementary level course in modern standard Korean which assumes no prior knowledge of the language.

KREA101-08SU2 (C) Summer (Nov 08)

KREA 102 Elementary Korean Language 2
18 points 0.1500 EFTS

Not Offered in 2009

This elementary level course in modern standard Korean is a continuation of KREA 101.

KREA 103 Introduction to Korean Culture
18 points 0.1500 EFTS

Not Offered in 2009

An introduction in English to general aspects of Korea such as its society, institutions and history.

Languages and Cultures

College of Arts

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

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
R: FREN 417

LANC401-09S1 (C) Semester 1

Law

School of Law

LAWS 101 The Legal System
36 points 0.3000 EFTS

An historical introduction to, and a descriptive outline of, the legal systems in England and New Zealand, including the structure of government, civil and criminal proceedings, the sources of law, and the main divisions of substantive law. Legal reasoning and the judicial process including an introduction to statutory interpretation. An elementary treatment of legal concepts.

LAWS101-09W (C) Whole Year (S1 and S2)

LAWS 102 Law, Justice and Morality
18 points 0.1500 EFTS

An introduction to: the concept of Law; law and morality; law and justice; comparative legal systems; Maori customary law; the administration of justice; law and social control and the sociology of law.

LAWS102-09S1 (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

LAWS202-09W (C) Whole Year (S1 and S2)

Note: 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, vitiating elements, breach of contract and remedies.

P: LAWS 101

LAWS203-09W (C) Whole Year (S1 and S2)

Note: 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

LAWS204-09W (C) Whole Year (S1 and S2)

Note: 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

LAWS205-09W (C) Whole Year (S1 and S2)

Note: 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
R: LAWS 201
LAWS206-09W (C) **Whole Year (S1 and S2)**
Note: Limited entry. See limitation of entry regulations.

LAWS 301 Equity and Succession
32 points 0.2667 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: LAWS 101
C: LAWS 202-LAWS 206
LAWS301-09W (C) **Whole Year (S1 and S2)**

LAWS 304 Natural Resource Law
22 points 0.1833 EFTS
The role of law in environmental management; the statutory, common law, administrative and constitutional structures concerning environmental and resource management issues in New Zealand; the relevance of the Treaty of Waitangi; the Resource Management Act 1991; an examination of particular natural resource issues such as water use and pollution, mining, fisheries, forests and farmland management.
P: LAWS 101
C: LAWS 202-LAWS 206
R: LAWS 376 (2005)
LAWS304-09W (C) **Whole Year (S1 and S2)**

LAWS 312 Company Law and the Law of Partnership
22 points 0.1833 EFTS
The general principles of the law relating to companies and partnerships.
P: LAWS 101
C: LAWS 202-LAWS 206
LAWS312-09W (C) **Whole Year (S1 and S2)**

LAWS 316 Evidence
22 points 0.1833 EFTS
The principles of the law of evidence in civil and criminal cases.
P: LAWS 101
C: LAWS 202-LAWS 206
LAWS316-09W (C) **Whole Year (S1 and S2)**

LAWS 317 Family Law
22 points 0.1833 EFTS
The law and procedure relating to marriage, divorce and other matrimonial causes. The legal relation of husband and wife and of parent and child. Matrimonial property, maintenance and other domestic proceedings, adoption, guardianship, and paternity proceedings.
P: LAWS 101
C: LAWS 202-LAWS 206
LAWS317-09W (C) **Whole Year (S1 and S2)**

LAWS 318 Employment Law
22 points 0.1833 EFTS
Not Offered in 2009
The law and procedure relating to individual employment law and collective employment law.
P: LAWS 101
C: LAWS 202-LAWS 206

LAWS 320 NZ Bill of Rights Act 1990
11 points 0.0917 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: LAWS 101
C: LAWS 202-206
LAWS320-09S1 (C) **Semester 1**

LAWS 321 International Criminal Law
11 points 0.0917 EFTS
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: (1) LAWS 101, (2) LAWS 324, or may be admitted by HOD if concurrently enrolled in LAWS 324
C: LAWS 202-LAWS 206
LAWS321-09S1 (C) **Semester 1**

LAWS 322 International Human Rights
11 points 0.0917 EFTS
An introduction to international human rights instruments and institutions.
P: (1)LAWS 101, (2) LAWS 324, or may be admitted by HOD if concurrently enrolled in LAWS 324;
C: LAWS 202-LAWS 206
LAWS322-09S2 (C) **Semester 2**

LAWS 323 Immigration and Refugee Law
11 points 0.0917 EFTS
An examination of selected domestic and international issues in immigration and refugee law.
P: LAWS 101
C: LAWS 202-LAWS 206
LAWS323-09S2 (C) **Semester 2**

LAWS 324 Principles of Public International Law

11 points 0.0917 EFTS

The principles of the laws of nations in peace, war and neutrality, and selected issues.

P: LAWS 101
C: LAWS 202-LAWS 206
R: LAWS 342, LAWS 375 (prior to 2006)

LAWS324-09S1 (C) **Semester 1**

LAWS 325 Occupational Safety Law

11 points 0.0917 EFTS

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: LAWS 101
C: LAWS 202-LAWS 206

LAWS325-09S2 (C) **Semester 2**

LAWS 327 International Environmental Law

11 points 0.0917 EFTS

Challenges and institutional responses to global environmental problems, including global warming.

P: LAWS 101
C: LAWS 202-LAWS 206
R: LAWS 347 (2001-2004), ILAP 612, ILAP 637

LAWS327-09S2 (C) **Semester 2**

LAWS 329 Securities Law

11 points 0.0917 EFTS

Not Offered in 2009

Legal and economic issues involved in public regulation of the stock market, takeovers and futures. The legal aspects of the international financial revolution.

P: LAWS 101
C: LAWS 202-LAWS 206

LAWS 330 Intellectual Property Law

11 points 0.0917 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: LAWS 101
C: LAWS 202-LAWS 206

LAWS330-09S1 (C) **Semester 1**

LAWS 331 Commercial Law I: Sales and Consumer Law

11 points 0.0917 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: LAWS 101
C: LAWS 202-LAWS 206
R: LAWS 311

LAWS331-09S1 (C) **Semester 1**

LAWS 332 Commercial Law II: Personal Property Security & Credit

11 points 0.0917 EFTS

The course involves a detailed study of the law relating to personal securities, as well as associated topics such as credit contracts.

P: LAWS 101
C: LAWS 202-LAWS 206
R: LAWS 311

LAWS332-09S2 (C) **Semester 2**

LAWS 334 New Zealand and Colonial Legal History

11 points 0.0917 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: LAWS 101
C: LAWS 202-LAWS 206

LAWS334-09W (C) **Whole Year (S1 and S2)**

LAWS 335 Insolvency Law

11 points 0.0917 EFTS

Not Offered in 2009

An examination of selected personal and corporate law insolvency issues.

P: LAWS 101
C: LAWS 202 - 206

LAWS 336 Antarctic Legal Studies

11 points 0.0917 EFTS

P: LAWS 101
C: LAWS 202-LAWS 206
R: LAWS 372 (prior to 2006), ANTA 402

LAWS336-09S1 (C) **Semester 1**

LAWS 337 Criminal Justice

11 points 0.0917 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: LAWS 101
C: LAWS 202-LAWS 206

LAWS337-09S2 (C) **Semester 2**

LAWS 338 International Trade
11 points 0.0917 EFTS

An examination of the major agreements and institutions relating to international trade and development.

P: (1) LAWS 101; (2) LAWS 324 or may be admitted by HOD if concurrently enrolled in LAWS 324
C: LAWS 202-LAWS 206

LAWS338-09S2 (C) **Semester 2**

LAWS 339 Negotiation and the Lawyer
11 points 0.0917 EFTS

Theory and practice of negotiation, lawyers' roles and professional responsibility.

P: LAWS 101
C: LAWS 202-LAWS 206
R: LAWS 369 (prior to 2006)

LAWS339-08SU2 (C) **Summer (Nov 08)**

Note: Limited entry. See limitation of entry regulations.

LAWS 340 Banking Law
11 points 0.0917 EFTS

Not Offered in 2009

An outline of the law and practice relating to domestic banking and the financing of international trade.

P: LAWS 101
C: LAWS 202-LAWS 206
R: LAWS 327 before 2005

LAWS 341 Insurance Law
11 points 0.0917 EFTS

Not Offered in 2009

The main principles of insurance law with specific reference to life and property insurance.

P: LAWS 101
C: LAWS 202-LAWS 206
R: LAWS 327 before 2005

LAWS 343 International Institutions
11 points 0.0917 EFTS

Not Offered in 2009

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: (1) LAWS 101, (2) LAWS 324, or may be admitted by HOD if concurrently enrolled in LAWS 324;
C: LAWS 202-LAWS 206

LAWS 345 Social Security Law
11 points 0.0917 EFTS

Not Offered in 2009

The law relating to social security benefits and accident compensation, with selected topics.

P: LAWS 101
C: LAWS 202-LAWS 206

LAWS 346 Law of Agency
11 points 0.0917 EFTS

Not Offered in 2009

P: LAWS 101
C: LAWS 202-LAWS 206
R: LAWS 327 before 2005

LAWS 347 Problems in International Law
11 points 0.0917 EFTS

Not Offered in 2009

Selected topics in international law with emphasis on armed conflict, international humanitarian law and arms control.

P: LAWS 101
C: LAWS 202-LAWS 206

LAWS 348 Research Project
11 points 0.0917 EFTS

P: LAWS 101
C: LAWS 202-LAWS 206
R: LAWS 379 (prior to 2006)

LAWS348-08SU2 (C) **Summer (Nov 08)**
LAWS348-09W (C) **Whole Year (S1 and S2)**

LAWS 349 Computers and the Law
11 points 0.0917 EFTS

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: LAWS 101
C: LAWS 202-LAWS 206

LAWS349-09S2 (C) **Semester 2**

LAWS 351 Law and Sport
11 points 0.0917 EFTS

Not Offered in 2009

A study of the main principles of law affecting amateur and professional sporting activity. This course is offered in alternate years.

P: LAWS 101
C: LAWS 202-LAWS 206
R: LAWS 371 (prior to 2006), LAWS 336 in 1998.

LAWS 352 Selected Issues in Taxation
11 points 0.0917 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: LAWS 101
C: LAWS 202-LAWS 206
R: LAWS 394 (1999), LAWS 395 (2000-2001)

LAWS352-09S1 (C) **Semester 1**

LAWS 354 Judicial Review
11 points 0.0917 EFTS
The principles used by the courts to control the exercise of public power.
P: LAWS 101
C: LAWS 202-LAWS 206
R: LAWS 394 (2000-2002)
LAWS354-09S1 (C) Semester 1

LAWS 355 European Union Law
11 points 0.0917 EFTS
The purpose of this course is to provide students with an understanding of the EU legal system and associated issues, including the institutional structure of the EU; 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: LAWS 101
C: LAWS 202 - LAWS 206
R: EURO 311
LAWS355-09S1 (C) Semester 1

LAWS 356 Special Topic: Bioethics and the Law
11 points 0.0917 EFTS
Not Offered in 2009
The course begins by examining the nature of an ethical community: what people may expect of it, and what it may expect of them; it turns to the qualities and rights of individuals which communities must respect; then the course examines in detail the patient/provider relationship; and it closes with a review of ethical choices and context. Specific subjects include surrogacy, sterilization, compelled surgery, abortion, brain death, gender and sexuality, testing, cloning, same sex marriage, conscience and dissent, conflicts of interest, informed consent, confidentiality, experimentation, standard of care, maternal fetal conflict, self abuse, physician assisted suicide. The emphasis is not philosophical but legal, and bioethics is viewed as a system of values for decision making in the real world.
P: LAWS 101
C: LAWS 202-206

LAWS 357 Special Topic: EU Social Policy
11 points 0.0917 EFTS
Not Offered in 2009
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: LAWS 101
C: LAWS 202-206

LAWS 359 Trial Advocacy
11 points 0.0917 EFTS
Theory and practice of trial advocacy.
P: LAWS 101, LAWS 316 (or may be admitted by HOD if concurrently enrolled in LAWS 316).
C: LAWS 202-LAWS 206
R: LAWS 389 (prior to 2006)
LAWS359-09S1 (C) Semester 1
Note: Limited entry. See limitation of entry regulations.

LAWS 360 Jurisprudence
11 points 0.0917 EFTS
The course involves a study of various modern theories about law from both a descriptive and critical perspective.
P: LAWS 101
C: LAWS 202-LAWS 206
R: LAWS 302
LAWS360-09S1 (C) Semester 1

LAWS 361 Issues in Jurisprudence
11 points 0.0917 EFTS
Not Offered in 2009
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: LAWS 101
C: LAWS 202-LAWS 206
R: LAWS 302

LAWS 362 Special Topic: Law of the Sea
11 points 0.0917 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: LAWS 101.
C: LAWS 202-206. Students enrolled in other degrees, who do not have the above prerequisites and co-requisites, but have completed appropriate courses in another discipline, may apply to the Head of Department for a waiver.
LAWS362-09S2 (C) Semester 2

LAWS 363 Special Topic: Individual Employment Law
11 points 0.0917 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: LAWS 101
C: LAWS 202-206
R: LAWS 318
LAWS363-09S2 (C) Semester 2

LAWS 376 Special Topic: Principles of Environmental Law

11 points 0.0917 EFTS

Not Offered in 2009

P: LAWS 101
C: LAWS 202 - LAWS 206
R: LAWS 304 (2005)

LAWS 377 Special Topic : Maori and the Law of Marine Resources

11 points 0.0917 EFTS

Not Offered in 2009

P: LAWS 101
C: LAWS 202 - LAWS 206

LAWS 380 Special Topic: Contemporary Issues in Criminal Law

11 points 0.0917 EFTS

Not Offered in 2009

Selected topics of current importance in ciriminal law, drawn from the following list: prosecution of serious fraud offences; consent in sexual offences; use of force in the defence of property; computer crime; terrorism-related offences; reform of pre-trial proceedings; disclosure in criminal cases; judicial control of proceedings; double jeopardy; jury confidentiality; interference with criminal proceedings (including both offences against justice and contempt of court); comparative perspectives on self-defence and defence of property.

P: LAWS 101, LAWS 202
C: LAWS 203-206

LAWS 382 Legal Internship

11 points 0.0917 EFTS

Not Offered in 2009

Study of theoretical and practical issues relating to legal services.

P: LAWS 101
C: LAWS 202-LAWS 206

Note: Limited entry. See limitation of entry regulations.

LAWS 383 Law and Medicine

11 points 0.0917 EFTS

Not Offered in 2009

A study of the main principles of law affecting medicine and medical practice.

P: LAWS 101
C: LAWS 202-LAWS 206

LAWS 384 Legislation

11 points 0.0917 EFTS

Not Offered in 2009

The legislative process, legislative drafting, statutory interpretation, distinctive features of Statute Law.

P: LAWS 101
C: LAWS 202-LAWS 206

LAWS 385 Advanced Intellectual Property Law

11 points 0.0917 EFTS

Not Offered in 2009

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: LAWS 101
C: LAWS 202-LAWS 206
R: LAWS 374 (prior to 2006)

LAWS 390 Conflict of Laws

11 points 0.0917 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: LAWS 101
C: LAWS 202-LAWS 206
R: LAWS 313

LAWS390-09S2 (C) **Semester 2**

LAWS 391 Maori Land Law

11 points 0.0917 EFTS

Not Offered in 2009

An introduction to the law relating to Maori land and related resources.

P: LAWS 101
C: LAWS 202-LAWS 206

LAWS 392 The Treaty of Waitangi

11 points 0.0917 EFTS

The status and effect of the Treaty of Waitangi in the legal system.

P: LAWS 101
C: LAWS 202-LAWS 206
R: HIST 268, HSRV 207, MAOR 219, POLS 218, SOCI 209

LAWS392-09S2 (C) **Semester 2**

LAWS 393 Advanced Land Law

11 points 0.0917 EFTS

Advanced study of contemporary concepts of real property. This course is offered in alternate years.

P: LAWS 101, LAWS 205
C: LAWS 202-204, LAWS 206

LAWS393-09S1 (C) **Semester 1**

LAWS 395 Special Topic: Comparative Takeovers Regulation

11 points 0.0917 EFTS

Not Offered in 2009

The course examines different approaches to the regulation of takeover offers, in terms of the legal systems in the UK, Australia, New Zealand and the USA.

P: LAWS 101
C: LAWS 202-206

LAWS 396 Media Law
11 points 0.0917 EFTS
P: LAWS 101
C: LAWS 202-LAWS 206
LAWS396-09S2 (C) Semester 2

LAWS 397 Civil Litigation
11 points 0.0917 EFTS
Not Offered in 2009
An examination of the priniciples 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: LAWS 101
C: LAWS 202-LAWS 206

LAWS 398 Legal Ethics
11 points 0.0917 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: LAWS 101
C: LAWS 202-LAWS 206
R: LAWS 370 (prior to 2006), LAWS 399 (prior to 2006)
LAWS398-08SU2 (C) Summer (Nov 08)
LAWS398-09S2 (C) Semester 2

LAWS 399 Special Topic: European Business Law
11 points 0.0917 EFTS
Not Offered in 2009
A detailed examination of the framework for the conduct of trade in the European Union.
P: LAWS 101
C: LAWS 202-206

LAWS 401 Honours Research Paper
12 points 0.1000 EFTS
P: Subject to approval of the Head of Department. Honours candidates only.
LAWS401-09W (C) Whole Year (S1 and S2)

LAWS 451 Honours Dissertation
24 points 0.2000 EFTS
P: Subject to approval of the Head of Department. Honours candidates only.
R: LAWS 501
LAWS451-09W (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.

LAWS 601 Legal Research and Methodology
0.3333 EFTS
P: Subject to approval of the Head of Department.
LAWS601-09FY (C)
LAWS601-09CY (C) Cross Year

LAWS 602 New Zealand Legal System
0.3333 EFTS
P: Subject to approval of the Head of Department.
LAWS602-09FY (C)
LAWS602-09CY (C) Cross Year

LAWS 603 Public Law
0.3333 EFTS
P: Subject to approval of the Head of Department.
LAWS603-09FY (C)
LAWS603-09CY (C) Cross Year

LAWS 604 Criminal Law
0.3333 EFTS
P: Subject to approval of the Head of Department.
LAWS604-09FY (C)
LAWS604-09CY (C) Cross Year

LAWS 605 Commercial Law
0.3333 EFTS
P: Subject to approval of the Head of Department.
LAWS605-09FY (C)
LAWS605-09CY (C) Cross Year

LAWS 606 Jurisprudence
0.3333 EFTS
P: Subject to approval of the Head of Department.
LAWS606-09FY (C)
LAWS606-09CY (C) Cross Year

LAWS 607 The Law of Contract
0.3333 EFTS
P: Subject to approval of the Head of Department.
LAWS607-09FY (C)
LAWS607-09CY (C) Cross Year

LAWS 608 The Law of Torts
0.3333 EFTS
P: Subject to approval of the Head of Department.
LAWS608-09FY (C)
LAWS608-09CY (C) Cross Year

LAWS 609 Land Law
0.3333 EFTS
P: Subject to approval of the Head of Department.
LAWS609-09FY (C)
LAWS609-09CY (C) **Cross Year**

LAWS 610 Equity and Succession
0.3333 EFTS
P: Subject to approval of the Head of Department.
LAWS610-09FY (C)
LAWS610-09CY (C) **Cross Year**

LAWS 611 Evidence
0.3333 EFTS
P: Subject to approval of the Head of Department.
LAWS611-09FY (C)
LAWS611-09CY (C) **Cross Year**

LAWS 612 Comparative Law
0.3333 EFTS
P: Subject to approval of the Head of Department.
LAWS612-09FY (C)
LAWS612-09CY (C) **Cross Year**

LAWS 613 Family Law
0.3333 EFTS
P: Subject to approval of the Head of Department.
LAWS613-09FY (C)
LAWS613-09CY (C) **Cross Year**

LAWS 614 Company Law
0.3333 EFTS
P: Subject to approval of the Head of Department.
LAWS614-09FY (C)
LAWS614-09CY (C) **Cross Year**

LAWS 615 Securities Regulation
0.3333 EFTS
P: Subject to approval of the Head of Department.
LAWS615-09FY (C)
LAWS615-09CY (C) **Cross Year**

LAWS 616 Intellectual Property
0.3333 EFTS
P: Subject to approval of the Head of Department.
LAWS616-09FY (C)
LAWS616-09CY (C) **Cross Year**

LAWS 617 Restitution
0.3333 EFTS
P: Subject to approval of the Head of Department.
LAWS617-09FY (C)
LAWS617-09CY (C) **Cross Year**

LAWS 618 Antarctic Legal Studies
0.3333 EFTS
P: Subject to approval of the Head of Department.
LAWS618-09FY (C)
LAWS618-09CY (C) **Cross Year**

LAWS 619 Competition Law
0.3333 EFTS
P: Subject to approval of the Head of Department.
LAWS619-09FY (C)
LAWS619-09CY (C) **Cross Year**

LAWS 620 Administrative Law
0.3333 EFTS
P: Subject to approval of the Head of Department.
LAWS620-09FY (C)
LAWS620-09CY (C) **Cross Year**

LAWS 621 Law and Medicine
0.3333 EFTS
P: Subject to approval of the Head of Department.
LAWS621-09FY (C)
LAWS621-09CY (C) **Cross Year**

LAWS 622 Legislation
0.3333 EFTS
P: Subject to approval of the Head of Department.
LAWS622-09FY (C)
LAWS622-09CY (C) **Cross Year**

LAWS 623 Insurance Law
0.3333 EFTS
P: Subject to approval of the Head of Department.
LAWS623-09FY (C)
LAWS623-09CY (C) **Cross Year**

LAWS 624 Taxation Law
0.3333 EFTS
P: Subject to approval of the Head of Department.
LAWS624-09FY (C)
LAWS624-09CY (C) **Cross Year**

LAWS 625 Banking Law
0.3333 EFTS
P: Subject to approval of the Head of Department.
LAWS625-09FY (C)
LAWS625-09CY (C) **Cross Year**

LAWS 626 Civil Liberties
0.3333 EFTS
P: Subject to approval of the Head of Department.
LAWS626-09FY (C)
LAWS626-09CY (C) **Cross Year**

LAWS 627 Conflict of Laws
0.3333 EFTS
P: Subject to approval of the Head of Department.
LAWS627-09FY (C)
LAWS627-09CY (C) **Cross Year**

LAWS 628 Labour Law
0.3333 EFTS
P: Subject to approval of the Head of Department.
LAWS628-09FY (C)
LAWS628-09CY (C) **Cross Year**

LAWS 629 Natural Resource Law
0.3333 EFTS
P: Subject to approval of the Head of Department.
LAWS629-09FY (C)
LAWS629-09CY (C) **Cross Year**

LAWS 630 Treaty of Waitangi
0.3333 EFTS
P: Subject to approval of the Head of Department.
LAWS630-09FY (C)
LAWS630-09CY (C) **Cross Year**

LAWS 631 Welfare Law
0.3333 EFTS
P: Subject to approval of the Head of Department.
LAWS631-09FY (C)
LAWS631-09CY (C) **Cross Year**

LAWS 632 Law and Sport
0.3333 EFTS
P: Subject to approval of the Head of Department.
LAWS632-09FY (C)
LAWS632-09CY (C) **Cross Year**

LAWS 633 Landlord and Tenant
0.3333 EFTS
P: Subject to approval of the Head of Department.
LAWS633-09FY (C)
LAWS633-09CY (C) **Cross Year**

LAWS 634 Media and Arts Law
0.3333 EFTS
P: Subject to approval of the Head of Department.
LAWS634-09FY (C)
LAWS634-09CY (C) **Cross Year**

LAWS 635 Law and Information Technology
0.3333 EFTS
P: Subject to approval of the Head of Department.
LAWS635-09FY (C)
LAWS635-09CY (C) **Cross Year**

LAWS 636 Indigenous People's Rights
0.3333 EFTS
P: Subject to approval of the Head of Department.
LAWS636-09FY (C)
LAWS636-09CY (C) **Cross Year**

LAWS 637 Dispute Resolution
0.3333 EFTS
P: Subject to approval of the Head of Department.
LAWS637-09FY (C)
LAWS637-09CY (C) **Cross Year**

LAWS 638 Legal History
0.3333 EFTS
P: Subject to approval of the Head of Department.
LAWS638-09FY (C)
LAWS638-09CY (C) **Cross Year**

LAWS 639 Accident Compensation
0.3333 EFTS
P: Subject to approval of the Head of Department.
LAWS639-09FY (C)
LAWS639-09CY (C) **Cross Year**

LAWS 642 Law and Economics
0.3333 EFTS
P: Subject to approval of the Head of Department.
LAWS642-09FY (C)
LAWS642-09CY (C) **Cross Year**

LAWS 643 Law and Finance
0.3333 EFTS
P: Subject to approval of the Head of Department.
LAWS643-09FY (C)
LAWS643-09CY (C) **Cross Year**

LAWS 644 Law and the Environment
0.3333 EFTS
P: Subject to approval of the Head of Department.
LAWS644-09FY (C)
LAWS644-09CY (C) **Cross Year**

LAWS 645 Business Administration
0.3333 EFTS
Not Offered in 2009
P: Subject to approval of the Head of Department.

LAWS 646 Special Topic
0.3333 EFTS
P: Subject to approval of the Head of Department.
LAWS646-09FY (C)
LAWS646-09CY (C) **Cross Year**

LAWS 647 Special Topic
0.3333 EFTS
P: Subject to approval of the Head of Department.
LAWS647-09FY (C)
LAWS647-09CY (C) **Cross Year**

LAWS 648 Special Topic
0.3333 EFTS
P: Subject to approval of the Head of Department.
LAWS648-09FY (C)
LAWS648-09CY (C) **Cross Year**

LAWS 649 Dissertation
0.3333 EFTS
P: Subject to approval of the Head of Department.
LAWS649-09FY (C)
LAWS649-09CY (C) **Cross Year**

LAWS 650 International Criminal Law
0.3333 EFTS
P: Subject to approval of the Head of Department.
LAWS650-09FY (C)
LAWS650-09CY (C) **Cross Year**

LAWS 651 International Human Rights Law
0.3333 EFTS
P: Subject to approval of the Head of Department.
LAWS651-09FY (C)
LAWS651-09CY (C) **Cross Year**

LAWS 652 Immigration and Refugee Law
0.3333 EFTS
P: Subject to approval of the Head of Department.
LAWS652-09FY (C)
LAWS652-09CY (C) **Cross Year**

LAWS 653 Principles of Public International Law
0.3333 EFTS
P: Subject to approval of the Head of Department.
LAWS653-09FY (C)
LAWS653-09CY (C) **Cross Year**

LAWS 654 International Environmental Law
0.3333 EFTS
P: Subject to approval of the Head of Department.
LAWS654-09FY (C)
LAWS654-09CY (C) **Cross Year**

LAWS 655 International Trade
0.3333 EFTS
P: Subject to approval of the Head of Department.
LAWS655-09FY (C)
LAWS655-09CY (C) **Cross Year**

LAWS 656 International Institutions
0.3333 EFTS
P: Subject to approval of the Head of Department.
LAWS656-09FY (C)
LAWS656-09CY (C) **Cross Year**

LAWS 657 European Union Law
0.3333 EFTS
P: Subject to approval of the Head of Department.
LAWS657-09FY (C)
LAWS657-09CY (C) **Cross Year**

LAWS 658 Special Topic: Law of the Sea
0.3333 EFTS
P: Subject to approval of the Head of Department.
LAWS658-09FY (C)
LAWS658-09CY (C) **Cross Year**

LAWS 690 LLM Thesis
1.0000 EFTS
P: Subject to approval of the Head of Department.
LAWS690-09A (C) **Starts Anytime**
Note: 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.
LAWS790-09A (C) **Starts Anytime**
Note: Part-time enrolment (0.65 EFTS) is available on approval.
**From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Linguistics

College of Arts

LING 101 The English Language
18 points 0.1500 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, ENGL 112, LING 111
LING101-08SU2 (C) **Summer (Nov 08)**
LING101-08SU2 (D) **Summer (Nov 08)**
LING101-09S1 (C) **Semester 1**
LING101-09S1 (D) **Semester 1**

LING 102 Language and Society
18 points 0.1500 EFTS
This course looks at how language works in society. For example, it investigates linguistic variation and language use in conversations, the linguistic markers of social

identity and attitudes to different varieties of language (accents, dialects etc).

R: ENGL 323

LING102-09S1 (C) **Semester 1**

LING 202 Semantics

22 points 0.1833 EFTS

Not Offered in 2009

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. We also review central issues in pragmatics and the importance of implicature.

P: ENGL 123 or ENGL 112, or 18 points in PHIL, or 18 points in LING.

R: PHIL 251

EQ: PHIL 251

LING 203 Sociolinguistics

22 points 0.1833 EFTS

This course covers a range of topics relating to the relationship between language and society. It includes face-to-face interaction, language varieties, language mixing, men and women's language, sociolinguistic research methods and attitude studies.

P: ENGL 123 or ENGL 112 or LING 101 or LING 111 or subject to HOD approval.

LING203-09S1 (C) **Semester 1**

LING 205 Language Acquisition

22 points 0.1833 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 112 or ENGL 123 or PSYC 104, or PSYC 105 and PSYC 106, or EDUC 121, EDUC 152, EDED 241 or EDED 268.

LING205-09S2 (C) **Semester 2**

LING 206 Syntactic Theory

22 points 0.1833 EFTS

This course gives students a good foundation in the practical analysis of syntactic structure (phrases and sentences), the X-bar theory of phrase structure, and the theory of constitutent movement.

P: LING 101 or LING 111 or ENGL 123 or ENGL 112

R: LING 201, LING 211

LING206-09S2 (C) **Semester 2**

LING 207 Phonetics and Phonology

22 points 0.1833 EFTS

This course introduces students to the study of speech sounds in human languages, and to the main concepts of phonology, the theory of sound patterns in language.

P: LING 101 or LING 111 or ENGL 123 or ENGL 112

R: LING 201, LING 211

LING207-09S1 (C) **Semester 1**

LING 302 Morphology

28 points 0.2333 EFTS

Not Offered in 2009

This course is an introduction to linguistic morphology - the study of the internal structure of words, their external distribution and their relationship to one another. We also examine the interface between morphology and other components of the grammar.

P: LING 201 or LING 211 or LING 206 or LING 207

LING 303 New Zealand English

28 points 0.2333 EFTS

Not Offered in 2009

This course examines variation within New Zealand English. Students are required to do field work involving data collection and analysis.

P: LING 201 or LING 211 or LING 203 or LING 207

LING 304 Historical Linguistics

28 points 0.2333 EFTS

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

LING304-09S1 (C) **Semester 1**

LING 306 Topics in Syntactic Theory

28 points 0.2333 EFTS

This course follows on from LING206, covering selected advanced topics and current research in syntactic theory.

P: LING 201 or LING 206 or LING 211

R: LING 301, LING 311

LING306-09S2 (C) **Semester 2**

LING 307 Topics in Phonetics and Phonology

28 points 0.2333 EFTS

This course follows on from LING207, covering selected advanced topics and current research in phonetics and phonological theory.

P: LING 201 or LING 207 or LING 211

R: LING 301, LING 311

LING307-09S1 (C) **Semester 1**

LING 308 Word Meaning
28 points 0.2333 EFTS

This course provides a practical and theoretical introduction to the study of word meanings in natural language.

P: LING 201 or LING 211 or LING 206, or equivalent background in syntactic phrase structure, at the discretion of the Head of Department.

LING308-09S2 (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.

LING 401 Morphology and Phonology
0.2500 EFTS

Not Offered in 2009

Current issues in morphological and phonological theory.

P: Subject to approval of the Head of Department.

LING 402 Lexical Theory
0.2500 EFTS

Not Offered in 2009

The organisation of the mental lexicon, especially in relation to phrasal lexical items such as idioms and formulae.

P: Subject to approval of the Head of Department.

LING 403 Syntactic Theory
0.2500 EFTS

Current issues in generative syntax.

P: Subject to approval of the Head of Department.

LING403-09W (C) **Whole Year (S1 and S2)**

LING 404 Pragmatics
0.2500 EFTS

Not Offered in 2009

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 Head of Department.

LING 405 Historical Linguistics
0.2500 EFTS

Not Offered in 2009

Issues in language change, and their implications for grammatical theory and sociolinguistics.

P: Subject to approval of the Head of Department.

LING 406 Universals and Typology
0.2500 EFTS

Not Offered in 2009

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 Head of Department.

LING 407 Field Methods
0.2500 EFTS

Not Offered in 2009

A practical introduction to the means by which linguists obtain raw linguistic data from some language and begin the task of describing and analysing its structure.

P: Subject to approval of the Head of Department.

LING 408 Origins and Evolution of Language
0.2500 EFTS

Not Offered in 2009

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 Head of Department.

LING 409 Verbs and Events
0.2500 EFTS

Not Offered in 2009

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 Head of Department.

LING 410 Variation Theory
0.2500 EFTS

Not Offered in 2009

Advanced study of aspects of the use of language in social contexts.

P: Subject to approval of the Head of Department.

LING 411 Special Topic
0.2500 EFTS

Not Offered in 2009

An introduction to language processing and language acquisition.

P: Subject to approval of the Head of Department.

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 Head of Department.

LING412-09W (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.

LING415-09W (C) **Whole Year (S1 and S2)**

LING 480 Extended Essay

0.2500 EFTS

P: Subject to approval of the Head of Department.

LING480-09W (C) **Whole Year (S1 and S2)**

LING 690 MA Thesis

1.0000 EFTS

P: Subject to approval of the Head of Department.

LING690-09A (C) **Starts Anytime**

Note: 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 Department.

LING790-09A (C) **Starts Anytime**

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

**From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Management

Department of Management

MGMT 101 Introduction to Management and Organisations

18 points 0.1500 EFTS

Introduction to management theory and organisational processes. The context of management in New Zealand. Introduction to the functional areas of management (organisational behaviour/human resource management, marketing, production management and strategy)

R: MGMT 201

MGMT101-09S1 (C) **Semester 1**

MGMT101-09S2 (C) **Semester 2**

MGMT 102 Principles of Marketing

18 points 0.1500 EFTS

The foundations of marketing are explored in this course. Students will be introduced to the core elements of product, pricing, promotion and distribution and to the fundamentals of marketing goods and services in Australasia and abroad.

MGMT102-09S1 (C) **Semester 1**

Note: Limited entry. See limitation of entry regulations.

MGMT102-09S2 (C) **Semester 2**

Note: Limited entry. See limitation of entry regulations.

MGMT 204 Consumer Behaviour

22 points 0.1833 EFTS

Consumer and industrial buyer behaviour theory, practice and models are examined and important influences on the behaviour of these markets explored, along with their implications for marketing.

P: Any 36 points in ECON, MGMT, MSCI, PSYC, SOCI or other social science approved by Head of Department of Management.

R: BSAD 204

RP: Prior or concurrent enrolment in (MGMT 210 AND MGMT 212) or MGMT 202.

MGMT204-09S2 (C) **Semester 2**

MGMT 206 Organisational Behaviour

22 points 0.1833 EFTS

Introduction to the study of individual and group behaviour in organisations in New Zealand, within the context of a global economy.

P: (1) MGMT 101; (2) 18 points 100-level MGMT or MSCI courses.

R: MGMT 201, MGMT 216, BSAD 201

EQ: MGMT 216

MGMT206-09SU1 (C) **Summer (Jan 09)**

Note: Limited entry. See limitation of entry regulations.

MGMT206-09S1 (C) **Semester 1**

Note: Limited entry. See limitation of entry regulations.

MGMT 207 Principles of Human Resource Management

11 points 0.0917 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 101; (2) 18 points 100-level MGMT or MSCI courses.

R: BSAD 311, BSAD 307, MGMT 307

MGMT207-09S1 (C) **Semester 1**

MGMT 208 Principles of Leadership

11 points 0.0917 EFTS

This course takes a holistic look at leadership during times of change. It examines the key tasks of leadership and the personal skills, journeys, and qualities required to perform them.

P: (1) MGMT 101; (2) 18 points 100-level MGMT or MSCI courses.

R: MGMT 315, BSAD 315, MGMT 302

MGMT208-09S2 (C) **Semester 2**

MGMT 209 Organisation: Structures and Processes

11 points 0.0917 EFTS

Organisations are the basic building blocks of economy and society. They furnish the context in which human resources are employed and developed. Organising is a set of processes that involve choices concerning the attributes of an organisation. In this course, we study the options available to managers with respect to organisational structures, procedures, integration, and control. The result of good choices is an organisational design that is adapt-

able and innovative, and, therefore, a source of competitive advantage.

P: (1) MGMT 101; (2) 18 points 100-level MGMT or MSCI courses

MGMT209-09S2 (C) **Semester 2**

MGMT 210 Marketing Strategy

11 points 0.0917 EFTS

This course examines marketing strategy as an organisational process of adapting to a changing environment, including aspects of product development, promotion, distribution and pricing. Techniques that assist in developing and evaluating marketing strategies will be introduced through the use of case studies and the development of a marketing plan.

P: (1) MGMT 102; (2) ECON 104 or ECON 106; (3) MSCI 110 or STAT 111 or STAT 112 or STAT 131; (4) 18 points 100-level MGMT or MSCI courses.
R: BSAD 202, MGMT 202

MGMT210-09S1 (C) **Semester 1**

MGMT 212 Marketing Research

11 points 0.0917 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: MGMT 210.
R: BSAD 202, MGMT 202
RP: MSCI 210.

MGMT212-09S2 (C) **Semester 2**

MGMT 220 International Business and Foreign Environments for Enterprise

22 points 0.1833 EFTS

This course introduces international business theories and develops understanding of the environments for business in various countries.

P: Any 36 points in ECON, MGMT, MSCI, POLS, SOCI or other social science approved by the Head of Department of Management

MGMT220-09S2 (C) **Semester 2**

MGMT 230 Business, Society and the Environment

11 points 0.0917 EFTS

This course is a general introduction to the changing responsibilities of business to society and the environment. The objective is to help you understand the impact of business on climate change, (in)equality, and consumerism. You will also learn about ways in which business organisations can respond to the needs of society and the environment. Each of the topics are addressed at a global, national and organisational level.

P: 54 points in ACIS, AFIS, ECON, MGMT, MSCI, PSYC, SOCI or other subject as approved by the HOD of Management or AFIS.

MGMT230-09S2 (C) **Semester 2**

MGMT 301 Managing Change

14 points 0.1167 EFTS

This course gives a comprehensive overview of theories, models and techniques of managing change in organisations.

P: MGMT 206, MGMT 207, MGMT 208.
R: MGMT 315, BSAD 315

MGMT301-09S1 (C) **Semester 1**

MGMT 303 Employment Relations

14 points 0.1167 EFTS

This course examines the context of labour and employment relations in New Zealand, including contracts of employment and employment legislation; the role of employers, unions and the government; labour relations processes such as bargaining and negotiation; and labour market outcomes.

P: MGMT 206, MGMT 207, MGMT 208.
R: BSAD 311, MGMT 306, BSAD 306

MGMT303-09S2 (C) **Semester 2**

MGMT 304 Diversity in Organisations

14 points 0.1167 EFTS

This course is designed to provide students with an understanding of the increasing importance of diversity in organisations. We study a range of theories and focus on how to apply those theories to real-world situations.

P: MGMT 206, MGMT 207, MGMT 208

MGMT304-09S2 (C) **Semester 2**

MGMT 305 Team Leadership

28 points 0.2333 EFTS

This course is designed to provide students with the knowledge and skills required to be a successful team leader in both face-to-face and virtual settings.

P: MGMT 206, MGMT 207, MGMT 208
R: MGMT 315, BSAD 315

MGMT305-09S1 (C) **Semester 1**

Note: Limited entry. See limitation of entry regulations.

MGMT 308 Applied Human Resource Management

14 points 0.1167 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, MGMT 208.
R: BSAD 311, BSAD 307, MGMT 307

MGMT308-09S2 (C) **Semester 2**

MGMT 309 Spirituality in the Workplace

14 points 0.1167 EFTS

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.

MGMT309-09S1 (C) Semester 1

MGMT 310 Relationship Marketing

14 points 0.1167 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 Management 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 lectures and discussions, case analyses and presentations, and best practice discussions. Students will enhance their learning through group work and in-class presentations. The sessions are interactive, stimulating student thinking and critical review.

P: (1) ACIS 102 or ACIS 103 or AFIS 121 or AFIS 122 or AFIS 188 or AFIS 102 or AFIS 103; (2) MGMT 204; (3) (MGMT 210 and MGMT 212) or MGMT 202

MGMT310-09S2 (C) Semester 2

MGMT 311 Retail Marketing

14 points 0.1167 EFTS

Not Offered in 2009

This course is a study of the issues, trends and decisions facing retailers. It is designed to introduce students to the practical applications of retailing policies, methods, and procedures for both small and large operations. There is an emphasis on practical applications that supplement in-class lectures and discussion. In addition, current events in retailing are emphasised. In-class exercises and discussions will be used to help the student relate current retail strategies to the basic concepts of retailing.

P: (1) ACIS 102 or ACIS 103 or AFIS 121 or AFIS 122 or AFIS 188 or AFIS 102 or AFIS 103; (2) MGMT 204; (3) (MGMT 210 and MGMT 212) or MGMT 202

MGMT 312 Advanced Marketing Research

28 points 0.2333 EFTS

An advanced examination of marketing research topics, including both qualitative and quantitative methods. A practical project will provide experience in the application of the material learnt. Given the advanced nature of the material covered in this course, it is recommended that students have B+ or better in MGMT212 and MSCI210.

P: (1) ACIS 102 or ACIS 103 or AFIS 121 or AFIS 122 or AFIS 188 or AFIS 102 or AFIS 103; (2) MGMT 204; (3) (MGMT 210 and MGMT 212) or MGMT 202; (4) MSCI 210. At the discretion of the HOD, MSCI 210 may be replaced by a suitable quantitative course of equivalent point value from other subjects.

R: BSAD 312

MGMT312-09W (C) Whole Year (S1 and S2)

MGMT 313 Professional Internship in Marketing

28 points 0.2333 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) MGMT 102 (2) (MGMT 210 and MGMT 212) or MGMT 202 (3) application to Department.

RP: MGMT 204

MGMT313-08SU2 (C) Summer (Nov 08)

Note: Limited entry. See limitation of entry regulations.

MGMT 316 International Marketing Strategy

28 points 0.2333 EFTS

This course examines the marketing of products outside a manufacturer's home country. Particular emphasis is given to strategic issues in international marketing. A series of cases is used to illustrate the concepts being presented.

P: (1) ACIS 102 or ACIS 103 or AFIS 121 or AFIS 122 or AFIS 188 or AFIS 102 or AFIS 103; (2) MGMT 204; (3) (MGMT 210 and MGMT 212) or MGMT 202

R: BSAD 316

MGMT316-09S1 (C) Semester 1

MGMT 318 Advertising and Promotion Management

28 points 0.2333 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. There will also be a workshop for learning the basic skills involved in developing a support Web site for the campaign.

P: (1) ACIS 102 or ACIS 103 or AFIS 121 or AFIS 122 or AFIS 188 or AFIS 102 or AFIS 103; (2) MGMT 204; (3) (MGMT 210 and MGMT 212) or MGMT 202

R: BSAD 318

MGMT318-09S2 (C) Semester 2

MGMT 320 Strategic Management
28 points 0.2333 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) ACIS 102 or AFIS 122 or AFIS 188 or AFIS 102; (2) 44 points from MGMT 202, MGMT 204, MGMT 206, MGMT 207, MGMT 208, MGMT 209, MGMT 210, MGMT 212, MGMT 220, MSCI 220, MSCI 221.

R: BSAD 304, BSAD 314, MGMT 314

MGMT320-09S1 (C) **Semester 1**

MGMT 321 Entrepreneurship and Small Business Development
28 points 0.2333 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) ACIS 102 or AFIS 122 or AFIS 188 or AFIS 102; (2) 44 points from MGMT 202, MGMT 204, MGMT 206, MGMT 207, MGMT 208, MGMT 209, MGMT 210, MGMT 212, MGMT 220, MSCI 220, MSCI 221.

R: BSAD 305, BSAD 314

MGMT321-09S2 (C) **Semester 2**

MGMT 323 Professional Internship in Strategic Management
28 points 0.2333 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: (1) 28 points from MGMT 320-321; (2) application to Department

C: 28 points from MGMT 320-321

MGMT323-08SU2 (C) **Summer (Nov 08)**

Note: limited entry. See limitation of entry regulations.

MGMT 324 International Entrepreneurship
14 points 0.1167 EFTS

International competition was traditionally the realm of large firms, while small-scale entrepreneurs tended to trade locally. More recently, the removal of government-imposed protectionism coupled with technological advances in manufacturing, transport and telecommunications allow even small-scale owner-managers access to suppliers, collaborators and suppliers around the world. This advanced course teaches international entrepreneurship negotiation. The paper explains how international entrepreneurship is similar to and different from both its mother disciplines, namely entrepreneurship and international business. While the study of international business focuses on the firm, and the study of entrepreneurship focuses on the individual actor, this course integrates both for an understanding of international entrepreneurship.

P: MGMT 220

MGMT324-09S2 (C) **Semester 2**

MGMT 330 Communication Management
14 points 0.1167 EFTS

This paper examines how we think and talk about workplace communication and how this shapes how communication is managed.

P: MGMT 206, MGMT 207, MGMT 208

MGMT330-09S2 (C) **Semester 2**

MGMT 331 Human Resource Development - Principles and Practices
14 points 0.1167 EFTS

This course provides an overview of the principles and practices of Human Resource Development (HRD), including current trends in the Asia-Pacific region.

P: MGMT 206, MGMT 207, MGMT 208

MGMT331-09S1 (C) **Semester 1**

MGMT 332 International Management
14 points 0.1167 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 220

MGMT332-09S2 (C) **Semester 2**

MGMT 339 Professional Internship in Organisational Development
28 points 0.2333 EFTS

P: 28 points from MGMT 301-309 and MGMT 330-338 plus application.

C: 28 points from MGMT 301-309 and MGMT 330-338

MGMT339-08SU2 (C) **Summer (Nov 08)**

Note: Limited entry. See limitation of entry regulations.

MGMT 340 Tourism Marketing and Management
14 points 0.1167 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 44 points 200-level ECON, MGMT, MSCI, POLS, PSYC, SOCI, GEOG or other social science approved by the Head of Department of Management.

MGMT340-09S1 (C) **Semester 1**

MGMT 341 Social Marketing
14 points 0.1167 EFTS

Social marketing is the planning and implementation of programmes designed to bring about social change using concepts from commerical marketing. Social marketing 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 nonprofit and for-profit organisations that embody socially responsible and social-change driven missions.

P: (1) MGMT 204; (2) (MGMT 210 and MGMT 212) or MGMT 202

RP: MGMT 230

MGMT341-09S1 (C) **Semester 1**

MGMT 350 Special Topic

14 points 0.1167 EFTS

Not Offered in 2009

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

Postgraduate

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

MGMT 401 Research Methods

0.0830 EFTS

Not Offered in 2009

P: Subject to approval of the Head of Department.

MGMT 402 Quantitative Research Methods

0.0830 EFTS

P: Subject to approval of the Head of Department.

MGMT402-09S1 (C) **Semester 1**

MGMT 411 Strategic Human Resource Management

0.0830 EFTS

P: Subject to approval of the Head of Department.

MGMT411-09S2 (C) **Semester 2**

MGMT 412 Conflict and Organisations

0.0830 EFTS

P: Subject to approval of the Head of Department.

MGMT412-09S2 (C) **Semester 2**

MGMT 413 Organisational Change

0.0830 EFTS

P: Subject to approval of the Head of Department.

MGMT413-09S1 (C) **Semester 1**

MGMT 414 Qualitative Methods

0.0830 EFTS

P: Subject to approval of the Head of Department.

MGMT414-09S1 (C) **Semester 1**

MGMT 415 Advanced Organisational Theory

0.0830 EFTS

P: Subject to approval of the Head of Department.

MGMT415-09S2 (C) **Semester 2**

MGMT 416 Responsible Leadership

0.0830 EFTS

Responsible leadership is designed to study advanced leadership theory (on, for example, inclusive, responsible and shared leadership) and build practical leadership capabilities.

P: Subject to approval by Head of Department

MGMT416-09S2 (C) **Semester 2**

MGMT 421 Advanced Tourism and Services Marketing

0.0830 EFTS

P: Subject to approval of the Head of Department.

MGMT421-09S1 (C) **Semester 1**

MGMT 422 International Marketing

0.0830 EFTS

P: Subject to approval of the Head of Department.

MGMT422-09S1 (C) **Semester 1**

MGMT 423 Advanced Consumer Behaviour

0.0830 EFTS

P: Subject to approval of the Head of Department.

MGMT423-09S2 (C) **Semester 2**

MGMT 424 Marketing Strategy

0.0830 EFTS

Not Offered in 2009

P: Subject to approval of the Head of Department.

MGMT 431 Innovation /Technology Management

0.0830 EFTS

Not Offered in 2009

P: Subject to approval of the Head of Department.

MGMT 441 Entrepreneurship

0.0830 EFTS

P: Subject to approval of the Head of Department.

MGMT441-09S2 (C) **Semester 2**

MGMT 442 Business Ethics

0.0830 EFTS

Not Offered in 2009

P: Subject to approval of the Head of Department.

MGMT 443 Advanced Strategic Management

0.0830 EFTS

P: Subject to approval of the Head of Department.

MGMT443-09S1 (C) **Semester 1**

MGMT 451 Current Topics in OB/HRM

0.0830 EFTS

Not Offered in 2009

P: Subject to approval of the Head of Department.

MGMT 452 Current Topics in Marketing
0.0830 EFTS

Not Offered in 2009
P: Subject to approval of the Head of Department.

MGMT 453 Current Topics in Manufacturing Management
0.0830 EFTS

Not Offered in 2009
P: Subject to approval of the Head of Department.

MGMT 454 International Business and Society
0.0830 EFTS

Not Offered in 2009
P: Subject to approval of the Head of Department.

MGMT 471 Special Topic
0.1670 EFTS

Not Offered in 2009
P: Subject to approval of the Head of Department.

MGMT 472 Special Topic
0.1670 EFTS

Not Offered in 2009
P: Subject to approval of the Head of Department.

MGMT 473 Special Topic (H)
0.0830 EFTS

Not Offered in 2009
P: Subject to approval of the Head of Department.

MGMT 474 Special Topic (H)
0.0830 EFTS

P: Subject to approval of the Head of Department.
MGMT474-09S2 (C) **Semester 2**

MGMT 475 Special Topic: Advanced Communication Management
0.0830 EFTS

P: Subject to approval of the Head of Department.
MGMT475-09S1 (C) **Semester 1**

MGMT 476 Special Topic (H)
0.0830 EFTS

Not Offered in 2009
P: Subject to approval of the Head of Department.

MGMT 480 Management BCom (Hons) Research Paper
0.1670 EFTS

Not Offered in 2009
P: Subject to approval of the Head of Department.

MGMT 481 Management BCom (Hons) Research Project
0.3340 EFTS

P: Subject to approval of the Head of Department.
MGMT481-09W (C) **Whole Year (S1 and S2)**

MGMT 506 Special Topic
24 points 0.2000 EFTS

P: Subject to approval of the Head of Department.
MGMT506-09W (C) **Whole Year (S1 and S2)**

MGMT 507 Special Topic
24 points 0.2000 EFTS

P: Subject to approval of the Head of Department.
MGMT507-09W (C) **Whole Year (S1 and S2)**

MGMT 508 Special Topic
24 points 0.2000 EFTS

P: Subject to approval of the Head of Department.
MGMT508-09W (C) **Whole Year (S1 and S2)**

MGMT 509 Special Topic
24 points 0.2000 EFTS

P: Subject to approval of the Head of Department.
MGMT509-09W (C) **Whole Year (S1 and S2)**

MGMT 510 Special Topic
24 points 0.2000 EFTS

P: Subject to approval of the Head of Department.
MGMT510-09S1 (C) **Semester 1**

MGMT 520 Building Effective Teams
24 points 0.2000 EFTS

This course explores the characteristics of high performance teams and the processes of teamwork, including group formation and development, leadership, motivation and influence, communication, conflict, problem solving, decision making and collaboration between teams.

P: Subject to the approval of the Head of Department
MGMT520-09X (C) **Refer to website for dates**

Note: This course is part of the Graduate Diploma in Management (Industry Stream) and is offered as three two-day modules. For more information visit www.shortcourses.canterbury.ac.nz Limited entry. See limitation of entry regulations.

MGMT 521 Leadership and Learning
24 points 0.2000 EFTS

This course introduces the theory and practice of effective leadership and the principles of coaching and mentoring. It explores the five disciplines of organisational learning,

different learning styles, and the behavioural elements and contexts that foster learning, particularly adult learning.

P: Subject to the approval of the Head of Department

MGMT521-09X (C) **Refer to website for dates**

Note: This course is part of the Graduate Diploma in Management (Industry Stream) and is offered as three two-day modules. For more information visit www.shortcourses.canterbury.ac.nz Limited entry. See limitation of entry regulations.

MGMT 522 Managing From The Middle

24 points 0.2000 EFTS

This course will examine the process of change and how to transition through and manage change effectively. Specific topics include change management, tools and techniques for organisational development and appreciative inquiry, skills and approaches for middle management effectiveness in a climate of change.

P: Subject to the approval of Head of Department.

MGMT522-09X (C) **Refer to website for dates**

Note: This course is part of the Graduate Diploma in Management (Industry Stream) and is offered as three two-day modules. For more information visit www.shortcourses.canterbury.ac.nz Limited entry. See limitation of entry regulations.

MGMT 523 Innovation and Business Development

24 points 0.2000 EFTS

This course will examine product and service innovation and development, innovation management and related project planning.

P: Subject to the approval of Head of Department.

MGMT523-09X (C) **Refer to website for dates**

Note: This course is part of the Graduate Diploma in Management (Industry Stream) and is offered as three two-day modules. For more information visit www.shortcourses.canterbury.ac.nz Limited entry. See limitation of entry regulations.

MGMT 524 Managing People

24 points 0.2000 EFTS

P: Subject to the approval of the Head of Department

MGMT524-09X (C) **Refer to website for dates**

Note: This course is part of the Graduate Diploma in Management (Industry Stream) and is offered as three two-day modules. For more information visit www.shortcourses.canterbury.ac.nz 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.

MGMT 695 MCom Thesis

1.0000 EFTS

P: Subject to approval of the Head of Department.

MGMT695-09A (C) **Starts Anytime**

Note: 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.

MGMT790-09A (C) **Starts Anytime**

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

**From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Management Science

Department of Management

MSCI 101 Management Science

18 points 0.1500 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 costs, decision making over time and uncertainty issues.

R: MSCI 102, MSCI 112

MSCI101-09S2 (C) **Semester 2**

MSCI 110 Quantitative Methods for Business

18 points 0.1500 EFTS

Using quantitative and statistical methods in business applications. Modelling with spreadsheets. This course is designed specifically for Commerce students.

R: STAT 111, STAT 112

MSCI110-09S1 (C) **Semester 1**

MSCI 204 Planning Methods for Management

22 points 0.1833 EFTS

Managing resources and processes often requires the use of planning methods and spreadsheet modelling. Forecasting and simulation help managers predict future resource requirements while linear programs help to make the best use of resources. This course develops practical

skills that are useful for managers, operations managers, operations research analysts and engineers.

P: 18 points of MATH, MSCI or STAT
R: MSCI 215

MSCI204-09S1 (C) **Semester 1**

MSCI 210 Statistical Methods for Management

11 points 0.0917 EFTS

Multivariate methods including multiple regression modelling using SPSS. General statistical concepts. An essential course for MS/OR, Operations Management or Marketing majors; and students contemplating Honours in MGMT or MSCI.

P: (1) MSCI 110 or 18 points of STAT; (2) 9 points from MSCI or MGMT or MATH 104 or MATH 105 or MATH 106 or MATH 107 or MATH 108 or MATH 109 or MATH 116 or MATH 127 or MATH 171.
R: MSCI 202

MSCI210-09S1 (C) **Semester 1**

MSCI 216 Linear Programming Methods

11 points 0.0917 EFTS

Algorithmic solution methods for linear programming, transportation and integer problems; theory of duality, and sensitivity analysis. Direct follow-on to MSCI 215 and mainstream course for MS/OR majors.

P: (1) MSCI 215 or MSCI 204; (2) MATH 104 or MATH 105 or MATH 106 or MATH 107 or MATH 108 or MATH 109 or MATH 116 or MATH 127 or MATH 171.
R: MSCI 201

MSCI216-09S2 (C) **Semester 2**

MSCI 220 Introduction to Operations Management

11 points 0.0917 EFTS

Introduction to the various forms of production and operations management structures and the principles for efficient manufacturing and provision of goods and services. An essential course for Operations Management and MGMT majors.

P: (1) MSCI 101 or (MSCI 102 and MSCI 112); or (2) MGMT 101 and 18 points of MSCI, MATH, STAT.
R: MSCI 203

MSCI220-09S1 (C) **Semester 1**

MSCI 221 Production Planning and Control

11 points 0.0917 EFTS

Introduction to planning and control methods, such as material requirement, Just-in-time production, inventory control for independent demand, quality control and quality management tools. Direct follow-on to MSCI 220 and a mainstream course for Operations Management majors.

P: (1) MSCI 101 or MGMT 101; (2) MSCI 110 or 18 points STATS.
R: MSCI 203
RP: MSCI 220

MSCI221-09S2 (C) **Semester 2**

MSCI 301 Optimisation Models and Methods

28 points 0.2333 EFTS

An overview of the most significant modelling techniques, methods and theory arising from deterministic-based models in Operations Research. Covering linear programming, integer programming, networks, and dynamic programming models, including the use of commerical software for solution. Examining heuristics, metaheuristics, duality theory, optimality conditions, and decomposition. A mainstream course for MS/OR majors.

P: (1) MSCI 204 or MSCI 215; (2) MSCI 216; (3) any one of COSC 121, ACIS 125, AFIS 123, ENEL 206, MATH 171, MATH 282, or any course involving an appropriate level of computer programming, as approved by the Head of Department.
R: MSCI 315, MSCI 316
RP: MATH 251, MATH 252 or MATH 254.

MSCI301-09S1 (C) **Semester 1**

MSCI 302 Probabilistic Operations Research Models

28 points 0.2333 EFTS

Applied stochastic processes. Queueing models and their use. Discrete event simulation using commercial packages. A brief introduction to continuous-systems and Monte Carlo simulation. Business forecasting. A mainstream course for MSCI/OR majors.

P: (1) MSCI 204; (2) MSCI 210 or 22 points of 200-level courses in STAT; (3) any one of COSC 121, ACIS 125, AFIS 123, ENEL 206, MATH 171, MATH 282, or any course involving an appropriate level of computer programming, as approved by the Head of Department.
R: MSCI 310, MSCI 311, MSCI 312

MSCI302-09S2 (C) **Semester 2**

MSCI 320 Strategic Operations and Supply Chain Management

14 points 0.1167 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; (2) 22 points 200 level from MSCI, MGMT, ACIS or AFIS.
R: MSCI 304
RP: MSCI 221

MSCI320-09S1 (C) **Semester 1**

MSCI 321 Materials, Logistics and Supply Chain Management

14 points 0.1167 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: MSCI 220, MSCI 221
R: MSCI 303

MSCI321-09S2 (C) **Semester 2**

MSCI 323 Quality Management
14 points 0.1167 EFTS
TQM philosophy and principles. Tools for process management and improvement. Process control. (Statistical Process Control, Process Capability); Product/process design (Quality Function Deployment, Taguchi Methods) and approaches to the implementation of quality.
P: (1) MSCI 220 and MSCI 221; (2) 22 points at 200 level from MSCI, MGMT, ACIS, AFIS.
R: MSCI 304
MSCI323-09S1 (C) **Semester 1**

MSCI 324 Project Management
28 points 0.2333 EFTS
This course is a comprehensive overview of project management concepts, models and techniques. A mainstream course for Operations Management majors.
P: (1) MSCI 220, MSCI 221 and 22 points from Commerce; or (2) 88 points at 200 level from Commerce, Science or Engineering
R: MSCI 304, MSCI 322, AFIS 313
MSCI324-09S2 (C) **Semester 2**

MSCI 340 Special Topic
14 points 0.1167 EFTS
Not Offered in 2009
P: Subject to the approval of the Head of Department.

Postgraduate

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

MSCI 601 Advanced Optimisation
0.2500 EFTS
The theory and implementation of advanced optimisation techniques are examined.
P: Subject to the approval of the Head of Department
MSCI601-09W (C) **Whole Year (S1 and S2)**

MSCI 602 Advanced Stochastic Models
0.2500 EFTS
The use of stochastic models in operations research modelling is examined.
P: Subject to the approval of the Head of Department.
MSCI602-09W (C) **Whole Year (S1 and S2)**

MSCI 603 Management Science Applications
0.2500 EFTS
Different applications of Management Science are examined.
P: Subject to the approval of the Head of Department.
MSCI603-09W (C) **Whole Year (S1 and S2)**

MSCI 604 Special Topic
0.2500 EFTS
P: Subject to the approval of the Head of Department.
MSCI604-09W (C) **Whole Year (S1 and S2)**

MSCI 605 Special Topic
0.2500 EFTS
P: Subject to the approval of the Head of Department.
MSCI605-09W (C) **Whole Year (S1 and S2)**

MSCI 606 Special Topic
0.2500 EFTS
P: Subject to the approval of the Head of Department.
MSCI606-09SU1 (C) **Summer (Jan 09)**
MSCI606-09W (C) **Whole Year (S1 and S2)**

MSCI 610 Special Topic
0.1250 EFTS
P: Subject to the approval of the Head of Department.
MSCI610-09SU1 (C) **Summer (Jan 09)**
MSCI610-09W (C) **Whole Year (S1 and S2)**

MSCI 611 Special Topic
0.1250 EFTS
P: Subject to the approval of the Head of Department.
MSCI611-09W (C) **Whole Year (S1 and S2)**

MSCI 612 Special Topic
0.1250 EFTS
P: Subject to the approval of the Head of Department.
MSCI612-09W (C) **Whole Year (S1 and S2)**

MSCI 613 Special Topic
0.1250 EFTS
P: Subject to the approval of the Head of Department.
MSCI613-09W (C) **Whole Year (S1 and S2)**

MSCI 620 Special Topic
0.2500 EFTS
P: Subject to the approval of the Head of Department.
MSCI620-09SU1 (C) **Summer (Jan 09)**

MSCI 621 Special Topic
0.2500 EFTS
P: Subject to the approval of the Head of Department.
MSCI621-09W (C) **Whole Year (S1 and S2)**

MSCI 622 Special Topic
0.2500 EFTS
P: Subject to the approval of the Head of Department.
MSCI622-09W (C) **Whole Year (S1 and S2)**

MSCI 680 Research Project
0.2500 EFTS
P: Subject to the approval of the Head of Department.
MSCI680-09W (C) **Whole Year (S1 and S2)**

MSCI 690 MSc Thesis

1.0000 EFTS

P: Subject to approval of the Head of Department.

MSCI690-09A (C) **Starts Anytime**

Note: 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.

MSCI695-09A (C) **Starts Anytime**

Note: 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.

MSCI790-09A (C) **Starts Anytime**

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

Maori and Indigenous Studies

College of Arts

MAOR 107 Te Ao Maori: Introduction to Maori Society

18 points 0.1500 EFTS

A comprehensive overview of traditional culture and modern society. Polynesian origins, traditional navigation and astronomy, today's renaissance of canoe voyaging; creation mythologies, demigods, spiritual beliefs; the natural world, traditional geography of Aotearoa; social organisation, role of women, ownership of land, leadership, fortifications, warfare, weapons, war canoes and cannibalism; the meeting house, customary rituals. Arrival of Europeans, Musket Wars, Treaty of Waitangi, New Zealand Land Wars, prophet movements, guerrilla warfare, passive resistance, alienation of land, working within the system, WWII Maori Battalion, urbanisation, renaissance - radical protest, the Treaty today, identities in gangs, hip hop, kapa haka, sport, business, fashion, education, treaty settlements, biculturalism, multiculturalism.

MAOR107-09S1 (C) **Semester 1**

MAOR 108 Te Tiriti: An Introduction to the Treaty of Waitangi

18 points 0.1500 EFTS

Events leading to the signing of the Treaty, the texts of the Treaty, Victorian England, war, Maori resistance and collaboration, the re-emergence of Treaty discourse in the twentieth century, protest movements, Waitangi Tribunal, Office of Treaty Settlements, Principles of the Treaty, law and the Treaty, the Treaty in legislation, settlement processes, the Treaty in society today in education, health, public policy, television, language revitalisation, the foreshore and seabed, the Maori seats and race relations.

R: MAOR 113 (prior to 2006)

MAOR108-09SU1 (C) **Summer (Jan 09)**

MAOR108-09S2 (C) **Semester 2**

MAOR 114 Mahi-a-Ringa: Introducing Traditional Material Culture

18 points 0.1500 EFTS

This course focuses on cordage (taura) and weaving (raranga) providing students with a literature based, museum located and culturally appropriate academic and traditional understanding of pre-European Maori material culture. Research and practical work is divided evenly across four main parts: library research, museum artefacts, weaving and cordage. Topics extend to the wider material use of plants and other natural materials, rongoa and customary respect for knowledge and guardianship. Other topics are included depending on available expertise.

R: ARTH 108
EQ: ARTH 108

MAOR114-08SU2 (C) **Summer (Nov 08)**

Note: Limited entry. See limitation of entry regulations.

MAOR 165 He Timatanga: Engaging with Maori

18 points 0.1500 EFTS

This course provides a comprehensive introductory range of skills and understandings to people who may work, research or otherwise engage with Maori communities. Topics include: basic Maori 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.

MAOR165-08SU2 (C) **Summer (Nov 08)**

MAOR 171 Special Topic: Iwi Tuatahi - Introducing First Nations Indigenous Peoples

18 points 0.1500 EFTS

An overview of first nations indigenous peoples and issues including definitions, spiritual and cultural origins, oral traditions, traditional environmental knowledge, colonisation, Christianity, treaties, resistance and adaptation, war, cultural suppression and assimilation, the United Nations and human rights, decolonisation and independence, minority status, dislocated populations, land settlements, development, poverty, free trade, foreign aid, natural resources, racism, culture and language revitalisation, indigenous internationalism, the Draft Declaration on the Rights of Indigenous peoples.

MAOR171-09S1 (C) **Semester 1**

MAOR 177 Special Topic

18 points 0.1500 EFTS

MAOR177-09S2 (C) **Semester 2**

MAOR 212 Maori and Indigenous Development

22 points 0.1833 EFTS

This course will examine the history of Maori economic development. Students will gain an understanding of recent developments and the factors which have affected Maori engagement with globalisation over the past two hundred years.

P: Any 18 points in Maori and Indigenous Studies or their double-coded equivalents or any 18 points in HIST or Ancient History or POLS or RELS or SOCI or ANTH 101. Students without these prerequisites but with 72 points in appropriate courses may enter the course with the approval of the HOS.
R: HIST 262, HIST 379
EQ: HIST 262

MAOR212-09S2 (C) Semester 2

MAOR 214 Te Ao Tawhito: The Ancient Maori World

22 points 0.1833 EFTS

Traditional Maori history and culture, including: archaeology of the settlement of the Pacific and Aotearoa-New Zealand; tribal traditions, traditional astronomy and the New Year stars; forest plants - food and traditional medicine; the arts - wood, bone and greenstone carving, weaving, tattoo and haka; spiritual beliefs such as mana and tapu, utu and justice; ownership, relationships and perceptions of the land; kumara and potato; birth and death customs; social organisation, family, men and women, marriage, childrearing; concepts of wealth; struggles for power in war; work and play. Students will have the opportunity to research a historical or cultural topic of their choice.

P: Any 18 points in 100-level courses in Aotahi: School of Maori and Indigenous Studies or 36 points in 100-level courses in Arts, Education, Fine Arts, Music and Social Work, or by permission of the Head of the School.
R: HIST 259
EQ: HIST 259

MAOR214-09S1 (C) Semester 1

MAOR 219 Te Tiriti: The Treaty of Waitangi

22 points 0.1833 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 Maori 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, Maori seats, race relations, one law for all.

P: Any 18 points in 100-level courses in Aotahi: School of Maori and Indigenous Studies or 36 points in 100-level courses in Arts, Education, Fine Arts, Music and Social Work, or by permission of the Head of the School.
R: POLS 218, HIST 268, SOCI 209, HSRV 207
EQ: HIST 268, SOCI 209, POLS 218, HSRV 207

MAOR219-09S1 (C) Semester 1

MAOR 220 Maori and Indigenous Language Revitalisation

22 points 0.1833 EFTS

Maori language plays an important role in expressing Maori cultural identity. This course contextualises identity needs within a historical and contemporary analysis of the Maori language revitalisation movement and endangered language studies worldwide.

P: Any 18 points in 100-level courses in Aotahi: School of Maori and Indigenous Studies or 36 points in 100-level courses in Arts, Education, Fine Arts, Music and Social Work, or by permission of the Head of the School.
R: LING 209, TREO 220
EQ: TREO 220. LING 209

MAOR220-09S2 (C) Semester 2

MAOR 224 Special Topic: Taonga: Maori Material Culture

22 points 0.1833 EFTS

Intermediate projects paper in researching Maori artefacts and material culture. Focuses on knowledge recovery of past traditions and practices relating to Maori material culture with a strong emphasis on developing practical skills using stone, bone, wood, shell and fibre, feather and fibre arts, and weaving. Students must first see the undergraduate coordinator or HOS before enrolling.

P: A pass in MAOR 114/ARTH 108 or any 36 points in 100-level courses in Arts, Education, Fine Arts, Music and/or Social Work, a B average, a one-page research proposal and supervisors approved by the School, and permission of the Head of School one month before the beginning of the semester in which the course begins.

MAOR224-09S1 (C) Semester 1
MAOR224-09S2 (C) Semester 2

MAOR 225 Te Taura Whakairo: The Continuum of Maori Art

22 points 0.1833 EFTS

Not Offered in 2009

This course documents the influence of new ideas, and changing perceptions of identity, on Maori art from c.1840 to the present day. The art, craft, design and architecture of this period is discussed within its political and spiritual contexts.

P: 18 points at 100 level in ARTH or ARTT or MAOR and 18 points from any Humanities/Social Science Faculty course.
R: ARTH 204
EQ: ARTH 204

MAOR 230 Ethnicity

22 points 0.1833 EFTS

This course presents a study of race, ethnic and indigenous relations with particular emphasis on the challenges and changes that confront the politics of diversity in Aotearoa/New Zealand.

P: Any 18 points in Maori and Indigenous Studies or their double-coded equivalents or any 18 points in HIST or Ancient History or POLS or SOCI. Students without these

prerequisites but with 72 points in appropriate courses may enter the course with the approval of the HOD.
R: ANTH 223, HIST 283, SOCI 223, SOCI 323
EQ: ANTH 223, HIST 283, SOCI 223
MAOR230-09S2 (C) **Semester 2**

MAOR 268 Ahua: Maori in Media, Film, Documentary and Sports

22 points 0.1833 EFTS

This paper examines the political, historical, social, cultural and ideological influences that shape the participation and representation of Maori in media, film, documentary, music and sport. Topics include Dark Savage, Noble Savage, representation of the 'Other', neo-liberalism, renaissance and cultural nationalism. Media includes newsprint, radio and TV. Films include Rewi's Last Stand, Utu, Mauri, Once Were Warriors, Whale Rider. Documentaries include Patu, New Zealand Wars, Radicals, Bastion Point, Mana Wahine and Mongrel Mob. Sport includes rugby, league, netball and others. Music includes kapa haka, hip hop, reggae.

P: Any 18 points in 100-level courses in Aotahi: School of Maori and Indigenous Studies or 36 points in 100-level courses in Arts, Education, Fine Arts, Music and Social Work, or by permission of the Head of School.
MAOR268-09S2 (C) **Semester 2**

MAOR 270 Special Topic

22 points 0.1833 EFTS

Not Offered in 2009

P: Any 18 points in 100-level courses in Aotahi: School of Maori and Indigenous Studies or 36 points in 100-level courses in Arts, Education, Fine Arts, Music and Social Work, or by permission of the Head of School.

MAOR 271 Special Topic

22 points 0.1833 EFTS

Not Offered in 2009

P: Any 18 points in 100-level courses in Aotahi: School of Maori and Indigenous Studies or 36 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

22 points 0.1833 EFTS

Not Offered in 2009

P: Any 18 points in 100-level courses in Aotahi: School of Maori and Indigenous Studies or 36 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 Maori Performing Arts

22 points 0.1833 EFTS

Suited for Maori and non-Maori, performance competent and non-experienced learners, language and non-language students, this introductory course explores the mythological origins of Maori performing arts, the form, style and performance of moteatea (traditional song and poetry), waiata-a-ringa (action songs), poi and haka, the renaissance of kapa haka and its place in Maori culture and society.

P: Any 18 points in 100-level courses in Aotahi: School of Maori and Indigenous Studies or 36 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
MAOR282-09S2 (C) **Semester 2**

MAOR 301 Nga Patai: Contemporary Issues in Maori and Indigenous Societies

28 points 0.2333 EFTS

Current political, social and cultural issues in Maori 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 – Maori Council vs Maori Congress, Tribal vs Urban Authorities; post-settlement tribal organisations: Tainui and Ngai Tahu; Principles of the Treaty, Maori and Pakeha aspirations for Maori in government policy; political representation, the Maori seats and the role of the Maori Party; Maori TV, the Foreshore and Seabed, the Warrior Gene debate, terrorism, child abuse, health, do Maori fail in education or does education fail Maori? Students will be able to study an issue of their choosing.

P: Any 22 points in 200-level courses in Aotahi: School of Maori and Indigenous Studies or 44 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
EQ: POLS 331
MAOR301-09S2 (C) **Semester 2**

MAOR 317 Te Ao Hurihuri: Colonisation and Maori

28 points 0.2333 EFTS

This course focuses on the impact of colonisation on traditional Maori society. Topics include first contact; religion and spiritual beliefs, God vs Gods; war, Musket Wars vs Traditional Taua; sovereignty, Settler Government vs Kingitanga and Kotahitanga; prophets, guerrilla warfare vs passive resistance; changes in economic and social life, kumara vs potato; education, te reo vs English. The course looks at the impacts of colonisation on Maori in contemporary times. Students are encouraged to research a topic of their choosing.

P: Any 22 points in 200-level courses in Aotahi: School of Maori and Indigenous Studies or 44 points in 200-level courses in Arts, Education, Fine Arts, Music and/or Social Work, or by permission of the Head of School.
C: Any 22 points in 200-level courses in Aotahi: School of Maori and Indigenous Studies or 44 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
MAOR317-09S1 (C) **Semester 1**

MAOR 323 Research Essay
28 points 0.2333 EFTS

This course is specifically designed for students with a demonstrated ability to progress to postgraduate research study and thesis writing at BA (Hons), MA and PhD level. Students are expected to make a short presentation at the School's annual Matariki Research Seminar Series.

P: Any 22 points in 200-level courses in Aotahi: School of Maori and Indigenous Studies or any 44 points in 200-level courses in Arts, Education, Fine Arts, Music and/or Social Work. Students will need to obtain approval from the appropriate undergraduate coordinator and Head of School of a one-page research proposal and a lecturer from the School as supervisor one month before the beginning of the semester in which the course begins.
R: MAOR 321

MAOR323-09S1 (C) **Semester 1**
MAOR323-09S2 (C) **Semester 2**

MAOR 324 Politics of Race and Ethnicity
28 points 0.2333 EFTS

This course will investigate how race and ethnicity have affected indigenous peoples in New Zealand, Australia, South Africa, Canada and the United States of America.

P: Any 22 points in Maori and Indigenous Studies at 200 level or their double-coded equivalents or 22 points at 200 level POLS. Students without these prerequisites but with 88 points in appropriate courses may enter the course with the approval of the HOS.
R: POLS 312
EQ: POLS 312

MAOR324-09S1 (C) **Semester 1**

MAOR 329 Myth and History
28 points 0.2333 EFTS

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 '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. The course will look at the power of myth, mythic figures and their histories and stories. The course will also cover the literature and ideas associated with myth from Carl Jung and Joseph Campbell to the works of New Zealand scholars such as Margaret Orbell and Charles Royal.

P: Any 22 points in 200-level courses in Aotahi: School of Maori and Indigenous Studies or 44 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

MAOR329-09S1 (C) **Semester 1**

MAOR 334 Special Topic: Taonga: Maori Material Culture
28 points 0.2333 EFTS

Advanced projects paper in researching Maori artefacts and material culture. Focuses on knowledge recovery of past traditions and practices relating to Maori material culture with a strong emphasis on developing practical skills using stone, bone, wood, shell and fibre, feather and fibre arts, and weaving. Students must first see the undergraduate coordinator or HOS before enrolling.

P: A pass in MAOR 224 or any 44 points in 200-level courses in Arts, Education, Fine Arts, Music and/or Social Work, a B average, a one-page research proposal and supervisors approved by the School, and permission of the Head of School one month before the beginning of the semester in which the course begins.

MAOR334-09S1 (C) **Semester 1**
MAOR334-09S2 (C) **Semester 2**

MAOR 345 Korero-a-Iwi: Maori Tribal Histories and Traditions
28 points 0.2333 EFTS

Not Offered in 2009

Tribal histories and traditions including Te Tai Tokerau: Muriwhenua, Ngapuhi, Whangarei, Kaipara. Tamaki: Ngati Whatua and others. Tainui-Waikato Ngati Maniapoto, Ngati Raukawa, Hauraki-Marutuahu. Te Moananui-a-Toi-te-huatahi: Taurangamoana, Te Arawa-Tuwharetoa, Ngai Tai, Te Whanau-a-Apanui. Mataatua: Ngati Awa, Whakatohea, Ngai Tuhoe. Te Tai Rawhiti: Ngati Porou, Te Tiuranganui-a-Kiwa, Ngati Kahungunu-Rongomaiwahine. Kurahaupo: Ngati Apa, Rangitane, Muaupoko. Te Upoko-o-te-ika: Ngati Toa, Ngati Raukawa. Taranaki-Whanganui: Ngati Tama, Ngati Mutunga, Te Ati Awa, Nga Ruahine, Ngati Ruanui, Nga Rauru, Te Ati Haunui-a-paparangi. Te Tau-ihu-o-te-waka. Ngai Tahu. Rekohu - Moriori.

P: Any 22 points in 200-level courses in Aotahi: School of Maori and Indigenous Studies or 44 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 413

MAOR 365 Mana Wahine: Maori and Indigenous Women
28 points 0.2333 EFTS

This course aims to provide an analysis of Maori and indigenous women in historical, political, cultural and social contexts. Topics include: Maori women, dominant interpretations in theorizing Maori women, mythology, historical accounts, social organization, leadership, Maori women in contemporary society. Both historical and contemporary influences on how Maori women are represented will be a feature of this course.

P: Any 22 points in 200-level courses in Aotahi: School of Maori and Indigenous Studies or 44 points in 200-level courses in Arts, Education, Fine Arts, Music and/or Social Work, or by permission of the Head of School.
R: GEND 313
EQ: GEND 313

MAOR365-09S1 (C) **Semester 1**

MAOR 370 Special Topic
28 points 0.2333 EFTS

Not Offered in 2009

P: Any 22 points in 200 level courses in Aotahi: School of M?ori and Indigenous Studies or 44 points in 200 level

courses in Arts, Education, Fine Arts, Music and/or Social Work, or by permission of the Head of School.

MAOR 371 Special Topic
28 points 0.2333 EFTS

Not Offered in 2009

P: Any 22 points in 200 level courses in Aotahi: School of M?ori and Indigenous Studies or 44 points in 200 level courses in Arts, Education, Fine Arts, Music and/or Social Work, or by permission of the Head of School.

MAOR 377 Special Topic
28 points 0.2333 EFTS

Not Offered in 2009

P: Any 22 points in 200 level courses in Aotahi: School of M?ori and Indigenous Studies or 44 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 Maori Performing Arts
28 points 0.2333 EFTS

Aimed at experienced performers this course explores the main elements of moteatea, waiata-a-ringa, poi and haka, while introducing mau rakau (taiaha, patu and tewhatewha) and taonga puoro (purerehua, hue, putatara, pukaea, koauau and putorino) to emphasise performance based kapa haka, including composing, planning sets, achieving balance between traditional and contemporary elements, kakahu (costume) and the dynamics and parameters of theatre in performance.

P: Any 22 points in 200-level courses in Aotahi: School of Maori and Indigenous Studies or 44 points in 200-level courses in Arts, Education, Fine Arts, Music and/or Social Work, or by permission of the Head of School.

R: TREO 382

EQ: TREO 382

MAOR382-09S1 (C) **Semester 1**

MAOR 390 Independent Course of Study
28 points 0.2333 EFTS

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

MAOR390-08SU2 (C) **Summer (Nov 08)**

MAOR390-09SU1 (C) **Summer (Jan 09)**

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 417 Special Topic: Atuatanga: Maori Religious and Spiritual Beliefs
0.2500 EFTS

Not Offered in 2009

Maori wairuatanga (spirituality) from beginnings to the present day. Topics include: theory of religion and theology, origins in ancestral Polynesian religion, pre-European Maori religion, creation myths, Rangi Skyfather, Papa Earthmother, gods, mana, tapu, mauri, tohungatanga, wananga, the impact of colonisation and Christianity, Io, 19-century prophet movements, the Tohunga Suppression Act and the renaissance of Maori religion, spirituality and practice today.

P: Subject to approval of the Head of Department.

Maori

College of Arts

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

MAOR 403 Nineteenth Century Literature
0.2500 EFTS

Not Offered in 2009

The study and translation of mainly 19th century documents written in and by Maori, including traditional history and culture and the literature of the relationship with Pakeha.

P: Subject to approval of the Head of School

MAOR 405 Mahi-a-Rehia: Moteatea
0.2500 EFTS

Not Offered in 2009

This course eexamines the texts and singing of traditional moteatea (Maori 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 them to a high level. This is a course is suited to students with a passion for Te Reo Maori, Maori performing arts and the traditional world.

P: Subject to approval of the Head of Department

MAOR 407 Te Reo me Te Tikanga o Te Marae
0.2500 EFTS

A study of the formal language, customary concepts, rituals, customs and protocols in Maori society and marae. Topics include manuhiri, tangatawhenua, turangawaewae, powhiri, karanga, wero/taki, tauparapara, whaikorero, poroporoaki, karakia, mana, tapu, mauri, koha, hakari, hongi, hura kohatu, kawe mate, wharenui, marae, paepae, parekawakawa, rahui, tohi, pure, whakanoa and tangihana.

P: Subject to approval of the Head of School.

MAOR407-09S2 (C) **Semester 2**

MAOR 408 Te Reo: Te Kohure
0.2500 EFTS

An in-depth study of advanced Maori language expanding all areas of language skill based on Te Kohure - the most advanced level in the Whanake language series.

P: Subject to approval of Head of School.

MAOR408-09S2 (C) **Semester 2**

MAOR 409 Indigenous People, Human Rights and Self-determination

0.2500 EFTS

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.

MAOR409-09S1 (C) **Semester 1**

MAOR 410 Land and Authority in Maori Politics, 1840-1900

0.2500 EFTS

Not Offered in 2009

This is a course in nineteenth century Maori political ideas. Through the written records of Maori 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 411 Nga Take: Nga Tohetohe

0.2500 EFTS

The critical and theoretical study and analysis of social, political, cultural and ideological issues for Maori and indigenous scholars.

P: Subject to approval of the Head of School
R: POLS 418
EQ: POLS 418

MAOR411-09S2 (C) **Semester 2**

MAOR 413 Nga Tatai Whakapapa: Maori Oral Tradition

0.2500 EFTS

Contemporary literature about Maori is characterised by reference to the oral tradition of pre-European Maori. This course challenges current beliefs about creation, demigod, waka and tribal traditions, and concepts including tapu and mana, by tracing publications to their original primary and theoretical sources, and through exploring alternative methods of analysis.

P: Subject to approval of the Head of School

MAOR413-09S1 (C) **Semester 1**

MAOR 415 Special Topic: Tuhituhinga: Manuscripts in Maori

0.2500 EFTS

This is an advanced Maori language course teaching the professional skills of transcription, translation and annotation of nineteenth-century and early twentieth-century Maori-language manuscripts and printed material. Students will study the language of a broad selection of historical, political, religious and wananga documents. Students will also complete a translation and explanation of a document of their choice.

P: Subject to approval of the Head of School

MAOR415-09S2 (C) **Semester 2**

MAOR 416 Waka Huia

0.2500 EFTS

A transcription, translation and annotation project using the Department's collection of Waka Huia tapes.

P: Subject to approval of the Head of School

MAOR416-09S1 (C) **Semester 1**

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.

MAOR480-09W (C) **Whole Year (S1 and S2)**

MAOR 690 MA Thesis

1.0000 EFTS

P: Subject to approval of the Head of School

MAOR690-09A (C) **Starts Anytime**

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

MAOR 790 Maori PhD

1.0000 EFTS

P: Subject to approval of the Head of School

MAOR790-09A (C) **Starts Anytime**

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

**From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Mass Communication

College of Arts

COMS 101 Introduction to Mass Communication

18 points 0.1500 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.

COMS101-09S1 (C) **Semester 1**

COMS 102 The News Machine

18 points 0.1500 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.

COMS102-09S2 (C) **Semester 2**

COMS 201 Media Audiences

22 points 0.1833 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. Students without this prerequisite but with at least a B average of 72 points in appropriate courses may enter the course with the approval of the Programme Co-ordinator.
R: CULT 201
EQ: CULT 201

COMS201-09S1 (C) **Semester 1**

COMS 202 Mass Communication Policy

22 points 0.1833 EFTS

Not Offered in 2009

This course introduces students to key issues and debates in communication policy, globally and locally, with a focus on Aotearoa/New Zealand. Policy developments surrounding print and broadcasting, advertising and public relations as well as new media will be analysed in the context of a changing media climate.

P: COMS 101. Students without this prerequisite but with at least a B average of 72 points in appropriate courses may enter the course with the approval of the Programme Co-ordinator.

COMS 203 Media and the Representation of Differences

22 points 0.1833 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 36 points at 100 level in ARTT and/or ARTH. Students without this prerequisite but with at least a B average of 72 points in appropriate courses may be admitted to the course with the approval of the Programme Co-ordinator.

COMS203-09S2 (C) **Semester 2**

COMS 204 Advertising and Cultural Consumption

22 points 0.1833 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. Students without this prerequisite but with at least a B average of 72 points in appropriate courses may be admitted to Mass Communication 200 level courses with the approval of the Programme Co-ordinator.

COMS204-09S2 (C) **Semester 2**

COMS 205 Media and Politics

22 points 0.1833 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 pass in 72 points in appropriate courses may enter the course with the approval of the programme co-ordinator)
R: POLS 232
EQ: POLS 232

COMS205-09S1 (C) **Semester 1**

COMS 206 On Air: Broadcasting and New Zealand

22 points 0.1833 EFTS

The course focuses on broadcasting in New Zealand with reference to the global context in which New Zealand broadcasting operates. This is a wide-ranging survey course that covers the development of radio and television broadcasting in New Zealand, the context of the current structure and content of New Zealand broadcasting, and the potential impact of developments in digital transmission and other forms of programme distribution.

P: COMS 101

COMS206-09S2 (C) **Semester 2**

COMS 221 Special Topic: Spectacular Media

22 points 0.1833 EFTS

This special topic course addresses an aspect of the media, the large scale media event, which has risen to prominence in contemporary media theory. This is partly because of the growing scale and organisation of these events, from the US 'shock and awe' bombing of Baghdad to the Olympic Games. It is also partly because such events provide a site to explore the inter-relation of some of the major themes of media research. These include the ways audiences are positioned by producers, the impact of globalisation on media culture, national identity, the extent to which media are managed by commercial and political forces, cultural

theories of mass culture, celebrity, simulation and the like and the notion of media's ritual role in people's lives.

P: COMS 101 or COMS 102 (Students without this prerequisite but with at least a B pass in 72 points in appropriate courses may enter the course with the approval of the programme co-ordinator)

COMS221-09SU1 (C) **Summer (Jan 09)**

COMS 222 News In a Digital World

22 points 0.1833 EFTS

This course explores the role that emerging digital technologies have played in changing journalism and public debate. Students will study and critique a range of recent developments in the news media, from weblogs by grassroots activists to satellite television news' obsession with liveness to government information websites that bypass journalists.

P: Either COMS 101 or COMS 102.

COMS222-08SU2 (C) **Summer (Nov 08)**

COMS 223 Special Topic: Propaganda, Public relations and Power

22 points 0.1833 EFTS

P: COMS 101. Students without this prerequisite but with at least a B average of 72 points in appropriate courses may enter the course with the approval of the Programme Co-ordinator.

COMS223-09S1 (C) **Semester 1**

COMS 301 Research Methods

28 points 0.2333 EFTS

Not Offered in 2009

This course introduces students to key research methods and approaches in the study of communication, media and social sciences with a focus on their practical application.

P: 44 points at 200 level COMS. Students without 44 points at 200 level but with at least a B average in appropriate courses may be admitted to any one of the Mass Communication 300 level courses with the approval of the Programme Co-ordinator. Students enrolling for more than one Mass Communication course at 300 level must have 44 points at 200 level.

R: POLS 306 prior to 2008

COMS 302 Mass Communication in an International Context

28 points 0.2333 EFTS

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: 44 points at 200 level COMS. Students without 44 points at 200 level but with at least a B average in appropriate courses may be admitted to any one of the Mass Communication 300 level courses with the approval of the Programme Co-ordinator. Students enrolling in more than one Mass Communication course at 300 level must have 44 points at 200 level.

COMS302-09S2 (C) **Semester 2**

COMS 303 Visual Media and Mass Communication

28 points 0.2333 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: 44 points at 200 level COMS. Students without 44 points at 200 level but with at least a B average in appropriate courses may be admitted to any one of the Mass Communication 300 level courses with the approval of the Programme Co-ordinator. Students enrolling in more than one Mass Communication course at 300 level must have 44 points at 200 level.

COMS303-09S1 (C) **Semester 1**

COMS 304 Journalists at Work

28 points 0.2333 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: 44 points at 200 level COMS. Students without 44 points at 200 level but with at least a B average in appropriate courses may be admitted to any one of the Mass Communication 300 level courses with the approval of the Programme Co-ordinator. Students enrolling in more than one Mass Communication course at 300 level must have 44 points at 200 level.

COMS304-09S2 (C) **Semester 2**

COMS 305 Media and Social Change

28 points 0.2333 EFTS

This course analyses the role of the media in social change and question whether media can, in fact, produce consensus within society, and if those changes are controllable by the artist/writer/producer, the audience, or the state. It does this by exploring theoretical underpinnings of societal shifts through the framework of the media as an important institution in society and in the construction of social reality. The course will invite students to further understand the role of the media in power relations by analysing such notions and processes as ideology, hegemony, representations, and media ethics.

P: Students wishing to take 56 points in COMS at 300-level must have 44 points in COMS at 200-level. (Students without 44 points at 200-level in COMS but with at least a B+ average in 88 points in appropriate courses may take any one COMS 300-level course with the approval of the Programme Co-ordinator.

COMS305-09S1 (C) **Semester 1**

COMS 306 Media and Conflict

28 points 0.2333 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: Students wishing to take 56 points in COMS at 300-level must have 44 points in COMS at 200 level. (Students without 44 points at 200-level in COMS but with at least a B average in 88 points in appropriate courses may take one COMS 300-level course with the approval of the Programme Co-ordinator.

R: POLS 332

EQ: POLS 332

COMS306-09S2 (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.

COMS 401 From Proposal To Publication: An Introduction To Researching The Media

0.2500 EFTS

This course provides students with the skills needed to produce research of their own on the media. It introduces them 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 use these skills to produce extended research projects on topics of their choice.

P: Subject to approval of the programme coordinator.

COMS401-09W (C) **Whole Year (S1 and S2)**

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 Co-ordinator.

COMS402-09W (C) **Whole Year (S1 and S2)**

COMS 403 Ethics and Media Culture

0.2500 EFTS

Not Offered in 2009

The course explores and critiques the theoretical models, methods and institutions used by groups within the mass media to self-regulate professional standards and address ethical issues in journalism, public relations and advertising. The role and efficacy of legislation, codes of practice and watchdogs are addressed.

P: Subject to approval of the Programme Co-ordinator.

COMS 404 Political Economy of Mass Communication

0.2500 EFTS

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 Co-ordinator.

R: DIPL 414

COMS404-09W (C) **Whole Year (S1 and S2)**

COMS 406 News and New Media

0.2500 EFTS

This course explores the development of news on the Internet and in other digital media, both within the media industry and in alternative forms. The focus will necessarily be international, but the course will look as much as possible at New Zealand media.

P: Subject to approval of the Programme Co-ordinator.

COMS406-09W (C) **Whole Year (S1 and S2)**

COMS 407 Marginalized Representations and Alternative Media Revolutions

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 Co-ordinator.

COMS407-09W (C) **Whole Year (S1 and S2)**

COMS 420 Special Topic: Media and International Relations

0.2500 EFTS

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 Co-ordinator.

R: POLS 430

EQ: POLS 430

COMS420-09W (C) **Whole Year (S1 and S2)**

COMS 421 Special Topic

0.2500 EFTS

Not Offered in 2009

P: Subject to approval of the Programme Co-ordinator.

COMS 480 Research Topic

0.2500 EFTS

Not Offered in 2009

A research paper, that shall not normally exceed 10,000 words, on an aspect of Mass Communication which must be submitted in the year of enrolment unless an extension is approved by the Head of Department.

P: Subject to approval of the Programme Co-ordinator.

COMS 690 MA Thesis

1.0000 EFTS

P: Subject to approval of the Programme Co-ordinator.

COMS690-09A (C) **Starts Anytime**

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

COMS 790 Mass Communication PhD

1.0000 EFTS

P: Subject to approval of the Programme Co-ordinator.

COMS790-09A (C) **Starts Anytime**

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

Mathematical Physics

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

0.3750 EFTS

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: Subject to approval of the Head of Department.

MAPH480-09A (C) **Starts Anytime**

MAPH 790 Mathematical Physics PhD

1.0000 EFTS

P: Subject to approval of the Head of Department.

MAPH790-09A (C) **Starts Anytime**

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

Mathematics

Department of Mathematics and Statistics

MATH 101 Introductory Mathematics with Applications

18 points 0.1500 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 104, MATH 105, MATH 106, MATH 107, MATH 108, MATH 109, MATH 171

MATH101-09S1 (C) **Semester 1**

MATH 108 Mathematics 1C

18 points 0.1500 EFTS

Introduction to the ideas, techniques and applications of linear algebra and calculus.

R: MATH 104, MATH 105, MATH 106

MATH108-09S1 (C) **Semester 1**
MATH108-09S2 (C) **Semester 2**

MATH 109 Mathematics 1D

18 points 0.1500 EFTS

In MATH109 we extend the ideas you met in MATH108 to complete your level 100 study of core mathematics. You will discover more about the underlying geometrical ideas in linear algebra, using it to find areas and volumes and to solve problems about lines and planes. The algebraic aspect of calculus will be complemented by problems dealing with applications, where you will need to understand what your answers mean in practical terms.

P: MATH 106 or MATH 108. With the permission of Head of Department this prerequisite may be replaced by a high level of achievement in MATH 101.
R: MATH 104, MATH 105, MATH 107

MATH109-08SU2 (C) **Summer (Nov 08)**
MATH109-08SU2 (D) **Summer (Nov 08)**
MATH109-09S1 (C) **Semester 1**
MATH109-09S2 (C) **Semester 2**

MATH 115 Discrete Mathematics 1

18 points 0.1500 EFTS

Discrete mathematics is that part of mathematics not involving limit processes. It includes logic, the integers, finite structures, sets and networks.

MATH115-09W (C) **Whole Year (S1 and S2)**

MATH 134 Logic and Computability

18 points 0.1500 EFTS

Introduction to logic and computability.

R: PHIL 134, PHIL 144, MATH 144
EQ: PHIL 134

MATH134-09SU1 (C) **Summer (Jan 09)**
MATH134-09S1 (C) **Semester 1**

MATH 171 Mathematical Modelling and Computation

18 points 0.1500 EFTS

An introduction to mathematical modelling and simulation via case studies using standard computer packages. Structured programming for mathematical problem solving.

R: EMTH 171

RP: MATH 108

MATH171-09S2 (C) **Semester 2**

MATH 199 AIMS - Advancing in Mathematical Sciences

36 points 0.3000 EFTS

Only available to secondary school students entering the STAR programme.

P: Subject to approval of the Head of Department.

MATH199-09X (D) **Refer to website for dates**

MATH199-09X (C) **Refer to website for dates**

MATH 208 Logic A

22 points 0.1833 EFTS

An introduction to the core ideas of logic.

P: Any 18 points in Philosophy or Mathematics or Computer Science.

R: PHIL 225, PHIL 246, PHIL 346, PHIL 208, PHIL 308, MATH 308

MATH208-09S1 (C) **Semester 1**

MATH 221 Algebra and Cryptography

11 points 0.0917 EFTS

The algebraic structure of integers and polynomials. Rings and finite fields. Introduction to cryptography.

P: MATH 104 or MATH 105 or MATH 106 or MATH 107 or MATH 108 or MATH 109 or MATH 199 or MATH 115.

R: MATH 211, MATH 315

MATH221-09S1 (C) **Semester 1**

MATH 222 Groups and Symmetry

11 points 0.0917 EFTS

An introduction to the methods of abstract algebra via the study of symmetries and permutations.

P: MATH 104 or MATH 105 or MATH 106 or MATH 107 or MATH 108 or MATH 109 or MATH 199 or MATH 115.

R: MATH 211

MATH222-09S2 (C) **Semester 2**

MATH 231 Discrete Methods

11 points 0.0917 EFTS

An introduction to graph theory, a central area of discrete mathematics in which many real world problems can be interpreted and solved.

P: MATH 104 or MATH 105 or MATH 106 or MATH 107 or MATH 108 or MATH 109 or MATH 199 or MATH 115.

R: MATH 215

MATH231-09S2 (C) **Semester 2**

MATH 243 Analysis 2

11 points 0.0917 EFTS

This course gives a deeper understanding of the real number system, calculus and limits.

P: MATH 104 or MATH 105 or MATH 107 or MATH 109 or MATH 199.

R: MATH 212

MATH243-09S1 (C) **Semester 1**

MATH 251 Linear Systems

11 points 0.0917 EFTS

Introduction to linear algebra. Linear systems, numerical solution of large linear systems, vector spaces, linear transformations.

P: MATH 104 or MATH 105 or MATH 107 or MATH 109 or MATH 199.

R: MATH 204, MATH 217, MATH 254, EMTH 203, EMTH 204

MATH251-09S1 (C) **Semester 1**

MATH 252 Matrix Algebra 2

11 points 0.0917 EFTS

Eigenvalues and eigenvectors, inner product spaces, orthogonality, quadratic forms, complex spaces.

P: MATH 104 or MATH 105 or MATH 107 or MATH 109 or MATH 199.

R: MATH 204, MATH 217, MATH 254, EMTH 203, EMTH 204

MATH252-09S2 (C) **Semester 2**

MATH 254 Linear Algebra 2

22 points 0.1833 EFTS

An accelerated course in Linear algebra. Linear systems, complex vector spaces, linear transformations, eigenvalues and eigenvectors, inner product spaces, orthogonality, quadratic forms, numerical solution of large linear systems.

P: MATH 104 or MATH 105 or MATH 107 or MATH 109 or MATH 199 and Head of Department approval.

R: MATH 204, MATH 217, MATH 251, MATH 252, EMTH 203, EMTH 204

MATH254-09S2 (C) **Semester 2**

MATH 261 Multivariate Calculus

11 points 0.0917 EFTS

An extension of the ideas of differentiation and integration to multivariate functions and to vector valued functions.

P: MATH 104 or MATH 105 or MATH 107 or MATH 109 or MATH 199.

R: MATH 204, MATH 218, MATH 219, MATH 264, EMTH 201, EMTH 202, EMTH 204, EMTH 210

MATH261-09S1 (C) **Semester 1**

MATH 262 Differential Equations and Transforms

11 points 0.0917 EFTS

An introduction to second order ordinary differential equations. Laplace transforms, Fourier series, Complex functions.

P: MATH 104 or MATH 105 or MATH 107 or MATH 109 or MATH 199.
R: MATH 204, MATH 218, MATH 219, MATH 264, EMTH 201, EMTH 202, EMTH 204, EMTH 210

MATH262-09S2 (C) **Semester 2**

MATH 264 Multivariate Calculus and Differential Equations

22 points 0.1833 EFTS

An accelerated course in calculus of several variables, vector fields and ordinary differential equations.

P: MATH 104 or MATH 105 or MATH 107 or MATH 109 or MATH 199 and Head of Department approval.
R: MATH 204, MATH 218, MATH 219, MATH 261, MATH 262, EMTH 201, EMTH 202, EMTH 204, EMTH 210, EMTH 264

MATH264-09S1 (C) **Semester 1**

MATH 271 Mathematical Modelling and Computation 2

11 points 0.0917 EFTS

Use of the package MATLAB including matrix algebra, user-defined functions, surface plotting. Numerical methods including solutions of systems of linear equations, solution or ordinary differential equations and systems of equations, approximation techniques. Modelling projects.

P: (MATH 171 or EMTH 171 or MATH 280 or MATH 281 or MATH 282) AND (EMTH 201 or EMTH 202 or EMTH 204 or EMTH 210 or MATH 261 or MATH 264). Or high grade in MATH 104, MATH 105, MATH 107 or MATH 109 or MATH 199 and Head of Department approval.
R: MATH 266, EMTH 271

MATH271-09S2 (C) **Semester 2**

MATH 282 Introduction to Scientific Computing

11 points 0.0917 EFTS

Introduction to the mathematical software package, MATLAB, that integrates technical computation, graphics, visualisation, and programming.

P: MATH 104 or MATH 105 or MATH 107 or MATH 109 or MATH 199.
R: MATH 280, MATH 281

MATH282-09SU1 (C) **Summer (Jan 09)**

Note: Limited entry. See limitation of entry regulations.

MATH 301 Mathematics in Perspective

14 points 0.1167 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: 36 points in Mathematics or Statistics or Engineering Mathematics at 100 level. 44 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.

MATH301-09S2 (C) **Semester 2**
MATH301-09S2 (D) **Semester 2**

MATH 305 Mathematics Project

14 points 0.1167 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.

P: 44 points from MATH 210-299, and approval of HOD.
R: STAT 305

MATH305-08SU2 (C) **Summer (Nov 08)**

MATH 308 Logic A

28 points 0.2333 EFTS

Not Offered in 2009

P: Any 22 points at 200 level in Philosophy or Mathematics or Computer Science or Engineering Mathematics
R: PHIL 225, PHIL 246, PHIL 346, PHIL 208, PHIL 308, MATH 208

MATH 321 Fields and Commutative Rings

14 points 0.1167 EFTS

An introduction to fields and rings, including applications to coding theory and the impossibility of constructions such as 'squaring the circle'.

P: MATH 221 or MATH 222 (or MATH 254 or EMTH 204 with HOD permission)
R: MATH 311

MATH321-09S1 (C) **Semester 1**

MATH 322 Group Theory

14 points 0.1167 EFTS

Not Offered in 2009

Concrete (e.g. crystallographic) and abstract groups. Fundamental theorems. Constructions and group representations.

P: MATH 221 or MATH 222 (or MATH 254 or EMTH 204 with HOD permission)
R: MATH 311

MATH 323 Algebraic Computing

14 points 0.1167 EFTS

Not Offered in 2009

Introduction to MAPLE. Symbolic versus numerical computing. Applications of symbolic computations.

P: Either 44 points in MATH 221, MATH 222, MATH 231, MATH 251, MATH 252, MATH 254, EMTH 203, EMTH 204 or 22 points at 200 level Maths with HOD approval.

MATH 324 Cryptography 2
14 points 0.1167 EFTS
This course deals with the mathematical ideas underlying modern cryptography, including algebra, number theory and probability theory.
P: MATH 221 and a further 11 points from MATH 210-299
MATH324-09S2 (C) **Semester 2**

MATH 333 Coding Theory
14 points 0.1167 EFTS
An introduction to the mathematics underlying communication codes, in particular linear codes and ciphers.
P: 22 points from MATH 221, MATH 222, MATH 231, MATH 251, MATH 252, MATH 254, EMTH 203, EMTH 204 or 22 points at 200 level Maths with HOD approval.
R: MATH 315
MATH333-09S1 (C) **Semester 1**

MATH 334 Combinatorics
14 points 0.1167 EFTS
Modern combinatorics and discrete mathematics with an emphasis on design theory.
P: 22 points from MATH 221, MATH 222, MATH 231, MATH 251, MATH 252, MATH 254, EMTH 203, EMTH 204 or 22 points at 200 level Maths with HOD approval.
R: MATH 315
MATH334-09S2 (C) **Semester 2**

MATH 335 Computability Theory
14 points 0.1167 EFTS
Mathematical models of computation. Computability and non-computability. Abstract complexity theory.
P: COSC 222 or PHIL 246 or 22 points in MATH or EMTH at 200 level, as approved by the Head of Department.
MATH335-09S2 (C) **Semester 2**

MATH 336 Foundations of Mathematics
14 points 0.1167 EFTS
Not Offered in 2009
An introduction to the philosophy of mathematics, classical and intuitionistic logic, set theory, and Gōdel's theorems.
P: 22 points from MATH 221-282 or EMTH 200-204 or EMTH 210-271; or approval of HOD.
R: MATH 208, MATH 308

MATH 342 Applications of Complex Variables
14 points 0.1167 EFTS
Application of complex variable theory in the physical and engineering sciences. Contour integration. Conformal mappings.
P: Either (1) 22 points from MATH 219, MATH 264, EMTH 204 or (2) MATH 261 and MATH 262 or (3) MATH 243 or (4) EMTH 202
R: MATH 319
MATH342-09S2 (C) **Semester 2**

MATH 343 Metric, Normed and Hilbert Spaces
14 points 0.1167 EFTS
An introduction to those parts of modern analysis essential for many aspects of pure and applied mathematics, physics, economics and finance.
P: Either (1) MATH 243 or MATH 264 or EMTH 202 or EMTH 204 or (2) 22 points from MATH 200 or EMTH 200 as approved by the Head of Department.
R: MATH 312
MATH343-09S1 (C) **Semester 1**

MATH 352 Applied Matrix Algebra A
14 points 0.1167 EFTS
Introduction to computational optimisation and the associated linear algebra.
P: Either MATH 251 or MATH 252 or MATH 254 or EMTH 203 or EMTH 204.
R: MATH 317
RP: MATH 280 or MATH 281 or MATH 282 or MATH 271
MATH352-09S1 (C) **Semester 1**

MATH 353 Applied Matrix Algebra B
14 points 0.1167 EFTS
Introduction to the theory and application of eigensystems and the associated linear algebra.
P: Either MATH 252 or MATH 254 or EMTH 203 or EMTH 204.
R: MATH 317
RP: (MATH 251 or MATH 352) and (MATH 271, MATH 280, MATH 281 or MATH 282)
MATH353-09S2 (C) **Semester 2**

MATH 361 Partial Differential Equations
14 points 0.1167 EFTS
An introduction to the methods of solution for partial differential equations and to their applications.
P: 22 points from MATH 219, MATH 261, MATH 262, MATH 264, EMTH 202, EMTH 204
R: MATH 314, MATH 318, MATH 319
MATH361-09S1 (C) **Semester 1**

MATH 363 Dynamical Systems
14 points 0.1167 EFTS
An introduction to nonlinear systems, the use of linearisation techniques and bifurcation theory.
P: 22 points from MATH 219, MATH 261, MATH 262, MATH 264, EMTH 202, EMTH 204.
R: MATH 318
RP: MATH 252, MATH 254 or EMTH 203
MATH363-09S2 (C) **Semester 2**

MATH 371 Vector Calculus and Modelling
14 points 0.1167 EFTS

Applications of calculus in solving applied problems in science and engineering. Techniques for modelling and solving physical continuous systems.

P: MATH 219 or MATH 264 or MATH 261 or MATH 262 or EMTH 202 or EMTH 204.
R: MATH 318

MATH371-09S1 (C) **Semester 1**

MATH 376 Applied Stochastic Modelling
14 points 0.1167 EFTS

Theory and applications of Markov processes. Applications to population dynamics, queuing and reliability.

P: (1) 11 points from STAT 212, STAT 214, STAT 216 and a further 11 points from STAT 210 to STAT 299; (2) MATH 109 or MATH 199.
R: STAT 316
EQ: STAT 316
RP: STAT 212, STAT 216, and 11 points from MATH 252, MATH 254, MATH 261, MATH 262, MATH 264, EMTH 202, EMTH 203, EMTH 204.

MATH376-09S2 (C) **Semester 2**

MATH 381 Advanced Scientific Computing
14 points 0.1167 EFTS

The use of advanced MATLAB routines for numerical methods in a range of topics including: the solution of nonlinear algebraic equations; systems of ordinary differential equations; two-point boundary value problems; partial differential equations; nonlinear optimization; numerical integration; numerical approximation.

P: (1) (MATH 261 or MATH 262 or MATH 264 or EMTH 202 or EMTH 204); (2) (MATH 266 or MATH 271 or MATH 280 or MATH 282)
R: MATH 366, MATH 367

MATH381-09S2 (C) **Semester 2**

MATH 392 Special Topic
14 points 0.1167 EFTS

MATH392-09S2 (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.

MATH 401 Dynamical Systems 1
0.1250 EFTS

P: Subject to approval of the Head of Department.

MATH401-09S1 (C) **Semester 1**
MATH401-09S2 (C) **Semester 2**

MATH 402 Dynamical Systems 2
0.1250 EFTS

P: Subject to approval of the Head of Department.

MATH402-09S1 (C) **Semester 1**
MATH402-09S2 (C) **Semester 2**

MATH 403 Advanced Methods for Partial Differential Equations
0.1250 EFTS

P: Subject to approval of the Head of Department.

MATH403-09S1 (C) **Semester 1**
MATH403-09S2 (C) **Semester 2**

MATH 404 Industrial Case Studies
0.1250 EFTS

P: Subject to approval of the Head of Department.

MATH404-09S1 (C) **Semester 1**
MATH404-09S2 (C) **Semester 2**

MATH 405 Bioinformatics
0.1250 EFTS

P: Subject to approval of the Head of Department.

MATH405-09S1 (C) **Semester 1**
MATH405-09S2 (C) **Semester 2**

MATH 406 Mathematical Models in Biology
0.1250 EFTS

P: Subject to approval of the Head of Department.

MATH406-09S1 (C) **Semester 1**
MATH406-09S2 (C) **Semester 2**

MATH 407 Special Topic
0.1250 EFTS

MATH407-09S1 (C) **Semester 1**
MATH407-09S2 (C) **Semester 2**

MATH 408 Financial Mathematics
0.1250 EFTS

P: Subject to approval of the Head of Department

MATH408-09S1 (C) **Semester 1**
MATH408-09S2 (C) **Semester 2**

MATH 409 Cryptography 2
0.1250 EFTS

P: Subject to approval of the Head of Department

MATH409-09S1 (C) **Semester 1**
MATH409-09S2 (C) **Semester 2**

MATH 410 Approximation Theory
0.1250 EFTS

P: Subject to approval of the Head of Department.

MATH410-09S1 (C) **Semester 1**
MATH410-09S2 (C) **Semester 2**

MATH 411 Topics in Algebra
0.1250 EFTS
P: Subject to approval of the Head of Department.
MATH411-09S1 (C) **Semester 1**
MATH411-09S2 (C) **Semester 2**

MATH 412 Unconstrained Optimization
0.1250 EFTS
P: Subject to approval of the Head of Department.
MATH412-09S1 (C) **Semester 1**
MATH412-09S2 (C) **Semester 2**

MATH 413 Numerical Optimization
0.1250 EFTS
This course will look at theoretical and practical aspects of numerical optimization methods.
P: Subject to approval of the Head of Department.
MATH413-09S1 (C) **Semester 1**
MATH413-09S2 (C) **Semester 2**

MATH 414 Computational Methods
0.1250 EFTS
P: Subject to the approval fo the Head of Department.
MATH414-09S1 (C) **Semester 1**
MATH414-09S2 (C) **Semester 2**

MATH 415 Numerical Solution of Differential Equations
0.1250 EFTS
P: Subject to approval of the Head of Department.
MATH415-09S1 (C) **Semester 1**
MATH415-09S2 (C) **Semester 2**

MATH 416 Differential Systems
0.1250 EFTS
P: Subject to approval of the Head of Department.
MATH416-09S1 (C) **Semester 1**
MATH416-09S2 (C) **Semester 2**

MATH 417 Computational Fluid Mechanics
0.1250 EFTS
P: Subject to approval of the Head of Department.
MATH417-09S1 (C) **Semester 1**
MATH417-09S2 (C) **Semester 2**

MATH 418 Measure and Integration
0.1250 EFTS
P: Subject to approval of the Head of Department.
MATH418-09S1 (C) **Semester 1**
MATH418-09S2 (C) **Semester 2**

MATH 420 Hilbert Spaces
0.1250 EFTS
P: Subject to approval of the Head of Department.
MATH420-09S1 (C) **Semester 1**
MATH420-09S2 (C) **Semester 2**

MATH 421 Functional Analysis
0.1250 EFTS
P: Subject to approval of the Head of Department.
MATH421-09S1 (C) **Semester 1**
MATH421-09S2 (C) **Semester 2**

MATH 422 Algebra and symbolic Computation
0.1250 EFTS
P: Subject to approval of the Head of Department.
MATH422-09S1 (C) **Semester 1**
MATH422-09S2 (C) **Semester 2**

MATH 423 Theory of the Integral
0.1250 EFTS
P: Subject to approval of the Head of Department.
MATH423-09S1 (C) **Semester 1**
MATH423-09S2 (C) **Semester 2**

MATH 424 Wavelet and Data Compression
0.1250 EFTS
P: Subject to approval of the Head of Department.
MATH424-09S1 (C) **Semester 1**
MATH424-09S2 (C) **Semester 2**

MATH 425 Fourier Transformations and Distribution Theory
0.1250 EFTS
P: Subject to approval of the Head of Department.
MATH425-09S1 (C) **Semester 1**
MATH425-09S2 (C) **Semester 2**

MATH 426 Differential Geometry
0.1250 EFTS
P: Subject to approval of the Head of Department.
MATH426-09S1 (C) **Semester 1**
MATH426-09S2 (C) **Semester 2**

MATH 427 Lie Groups and Lie Algebras
0.1250 EFTS
P: Subject to approval of the Head of Department.
MATH427-09S1 (C) **Semester 1**
MATH427-09S2 (C) **Semester 2**

MATH 428 Topology
0.1250 EFTS
P: Subject to approval of the Head of Department.
MATH428-09S1 (C) **Semester 1**
MATH428-09S2 (C) **Semester 2**

MATH 429 Combinatorics
0.1250 EFTS
P: Subject to approval of the Head of Department.
MATH429-09S1 (C) **Semester 1**
MATH429-09S2 (C) **Semester 2**

MATH 430 History of Mathematics
0.1250 EFTS

P: Subject to approval of the Head of Department.

MATH430-09S1 (C) **Semester 1**
MATH430-09S2 (C) **Semester 2**

MATH 431 Special Topic in Mathematics
0.1250 EFTS

P: Subject to approval of the Head of Department.

MATH431-09S1 (C) **Semester 1**
MATH431-09S2 (C) **Semester 2**

MATH 432 Foundations of Mathematics
0.1250 EFTS

P: Subject to approval of the Head of Department.

MATH432-09S1 (C) **Semester 1**
MATH432-09S2 (C) **Semester 2**

MATH 433 Mathematics in Perspective
0.1250 EFTS

P: Subject to approval of the Head of Department

MATH433-09S1 (C) **Semester 1**
MATH433-09S2 (C) **Semester 2**

MATH 435 Probability Theory
0.1250 EFTS

P: Subject to approval of the Head of Department.

MATH435-09S1 (C) **Semester 1**
MATH435-09S2 (C) **Semester 2**

MATH 437 Representation Theory
0.1250 EFTS

P: Subject to approval of the Head of Department

MATH437-09S1 (C) **Semester 1**
MATH437-09S2 (C) **Semester 2**

MATH 438 Special Topic in Mathematics
0.1250 EFTS

P: Subject to approval of the Head of Department.

MATH438-09S1 (C) **Semester 1**
MATH438-09S2 (C) **Semester 2**

MATH 439 Topics in Algebra
0.1250 EFTS

P: Subject to approval of the Head of Department

MATH439-09S1 (C) **Semester 1**
MATH439-09S2 (C) **Semester 2**

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

MATH441-09S1 (C) **Semester 1**
MATH441-09S2 (C) **Semester 2**

MATH 442 Special Topic in Mathematics
0.1250 EFTS

MATH442-09S1 (C) **Semester 1**
MATH442-09S2 (C) **Semester 2**

MATH 443 Metric, Normed and Hilbert Spaces
0.1250 EFTS

P: Subject to approval of the Head of Department.

MATH443-09S1 (C) **Semester 1**
MATH443-09S2 (C) **Semester 2**

MATH 444 Special Topic in Mathematics
0.1250 EFTS

P: Subject to approval of the Head of Department.

MATH444-09S1 (C) **Semester 1**
MATH444-09S2 (C) **Semester 2**

MATH 449 Project
0.2500 EFTS

P: Subject to approval of the Head of Department.

MATH449-09W (C) **Whole Year (S1 and S2)**

MATH 475 Independent Course of Study
0.1250 EFTS

P: Subject to approval of the Head of Department

MATH475-09S1 (C) **Semester 1**
MATH475-09W (C) **Whole Year (S1 and S2)**
MATH475-09S2 (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

MATH491-08SU2 (C) **Summer (Nov 08)**

MATH 690 MSc Thesis
1.0000 EFTS

P: Subject to approval of the Head of Department.

MATH690-09A (C) **Starts Anytime**

Note: 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.

MATH695-09A (C) **Starts Anytime**

Please check www.canterbury.ac.nz/courses for the latest course information.

MATH 790 Mathematics PhD
1.0000 EFTS

P: Subject to approval of the Head of Department.

MATH790-09A (C) Starts Anytime

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

Mathematics and Philosophy

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

MPHI450-09W (C) Whole Year (S1 and S2)

MPHI 790 Mathematics and Philosophy PhD
1.0000 EFTS

MPHI790-09A (C) Starts Anytime

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

Mechanical Engineering

Department of Mechanical Engineering

Note: Timetable information for professional engineering courses will be available at www.engf.canterbury.ac.nz/timetables.html from 1 February 2009.

ENME 211 Elements of Mechanical Design
24 points 0.2000 EFTS

Drawing, design and geometry of engineering components. Introductory course to CAD.

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

ENME211-09W (C) Whole Year (S1 and S2)

ENME 222 Mechanics of Materials A
12 points 0.1000 EFTS

Statics. Linear elastic stress and strain. Torsion. Analysis of stresses and deflections in beams, statically indeterminate problems.

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

ENME222-09S1 (C) Semester 1

ENME 223 Mechanics of Machines
12 points 0.1000 EFTS

Kinematics of mechanisms. Forces on machine elements. Geared systems. Balance of rotating and reciprocating machines. Friction devices.

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

ENME223-09S2 (C) Semester 2

ENME 224 Fluid Mechanics A
12 points 0.1000 EFTS

Fluid statics, fluid dynamics. Bernoulli and momentum equations. Laminar and turbulent flow.

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

ENME224-09S2 (C) Semester 2

ENME 225 Engineering Thermodynamics A
12 points 0.1000 EFTS

First law for closed and open systems. Second law. Thermodynamic properties. Ideal and practical heat engine cycles.

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

ENME225-09S1 (C) Semester 1

ENME 226 Manufacturing Technology
12 points 0.1000 EFTS

An introduction to manufacturing processes and Metrology.

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

ENME226-09S1 (C) Semester 1

ENME 227 Introduction to Materials Science for Engineers
12 points 0.1000 EFTS

Principles underlying structure, properties and behaviour of metallic and non-metallic materials.

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

ENME227-09S2 (C) Semester 2

ENME 331 Dynamics
12 points 0.1000 EFTS
Problems in dynamics: free and forced vibrations, damped single degree of freedom systems, transmitted forces and vibration isolation, two degree of freedom systems.

P: ENME 223 and EMTH 210 or MATH 264 or EMTH 264 or EMTH 204

ENME331-09S1 (C) Semester 1

ENME 332 Mechanics of Materials B
12 points 0.1000 EFTS
Energy methods, axisymmetric stress analysis, stability of columns, compound stresses and failure theories.

P: ENME 222

ENME332-09S1 (C) Semester 1

ENME 333 Control Engineering
12 points 0.1000 EFTS
Laplace transforms, block diagrams, dynamic response, steady-state error analysis, stability, root locus plot, frequency response analysis.

P: EMTH 210 or MATH 264 or EMTH 264 or EMTH 204

ENME333-09S2 (C) Semester 2

ENME 336 Production Management
12 points 0.1000 EFTS
Introduction to basic techniques, principles and practices of managing manufacturing production, quality assurance and maintenance systems.

P: ENME 226

ENME336-09S2 (C) Semester 2

ENME 337 Materials and Metallurgical Engineering
12 points 0.1000 EFTS
Crystal deformation and influence of bonding, alloy theory, phase transformations, welding and weldability.

P: ENME 227

ENME337-09S2 (C) Semester 2

ENME 338 Fundamentals of Power Electronics
12 points 0.1000 EFTS
An introduction to the basic principles of power electronics. Power supplies, AC power fundamentals, non-linear electronic devices, transformers, electromechanics and power semiconductors.

P: ENME 339
R: ELEC 228

ENME338-09S2 (C) Semester 2

ENME 339 Fundamentals of Electronics
12 points 0.1000 EFTS
An introduction to the basic principles of circuit theory. RLC circuits, sensors, filters, operational amplifiers and simulation techniques.

P: ENME 211
R: ELEC 227

ENME339-09S1 (C) Semester 1

ENME 340 Mechanical Engineering Design A
12 points 0.1000 EFTS
The design process, creative design, design of rotating machines and transmissions. Structures, castings, fatigue and castings.

P: ENME 211, ENME 222, ENME 223, ENME 226

ENME340-09S1 (C) Semester 1

ENME 341 Mechanical Engineering Design B
12 points 0.1000 EFTS
Fasteners, design of equipment using welded, bolted and riveted joints. Mechanical spring design, heat exchanger design, use of engineering codes, cranes, pressure vessels, hydraulics and special topics.

P: ENME 211 and ENME 340

ENME341-09S2 (C) Semester 2

ENME 342 Introduction to Computational Solid Mechanics
12 points 0.1000 EFTS
Variational and weighted residual approaches to problems in linear elasticity, the displacement FE approach, bar elements, linear two- and threee-dimensional elements, higher order elements, beam, shell and plate elements, introduction to dynamic analysis, multi-physics problems and contact mechanics.

P: EMTH 271, ENME 332
C: EMTH 391
R: ENME 430, ENME 442
EQ: ENME 442

ENME342-09S2 (C) Semester 2

ENME 345 Thermo-fluids Transport
12 points 0.1000 EFTS
Dimensional similarity, boundary layers, turbulence, introductory heat transfer.

P: ENME 224 and ENME 225

ENME345-09S1 (C) Semester 1

ENME 354 Engineering Thermo-fluids B
12 points 0.1000 EFTS
Heat exchangers, introductory combustion, advanced thermodynamic cycles, exergy, turbo machines (pumps and hydraulic turbines), compressible flow.

P: ENME 345

ENME354-09S2 (C) Semester 2

ENGR 401 Introduction to Computational Fluid Dynamics

12 points 0.1000 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 and ENME 354 or (2) ENCH 354, or (3) Subject to Head of Department Approval.

ENGR401-09S1 (C) **Semester 1**

ENME 432 Mechanics of Vibration

12 points 0.1000 EFTS

Vibration of continuous systems.

P: (1) ENME 331; (2) EMTH 204 or EMTH 391

ENME432-09S1 (C) **Semester 1**

ENME 433 Modern Control Theory

12 points 0.1000 EFTS

State-space modelling, solution and analysis of state-space equations, state feedback and pole placement, state estimation, optimal control, robustness, digital implementation.

P: (1) EMTH 204 or EMTH 391; (2) ENME 331; (3) ENME 333 or ENEL 351

ENME433-09S1 (C) **Semester 1**

ENME 435 Heat and Mass Transfer

12 points 0.1000 EFTS

Not Offered in 2009

Heat and Mass Transfer, psychrometrics, building heating and cooling loads.

P: ENME 345

ENME 436 Manufacturing Technology

12 points 0.1000 EFTS

Not Offered in 2009

An introduction to modern manufacturing systems.

P: ENME 336

ENME 438 Project

24 points 0.2000 EFTS

P: ENME 331, ENME 332, ENME 333, ENME 339, ENME 340, ENME 341, ENME 345

ENME438-09W (C) **Whole Year (S1 and S2)**

ENME 440 Mechanical System Design-Process

12 points 0.1000 EFTS

The design process, creative design, engineering decision making, mechanical system design, special topics, safety, costing, case studies.

P: ENME 340, ENME 341

ENME440-09S1 (C) **Semester 1**

ENME 441 Mechanical System Design - Special Applications

12 points 0.1000 EFTS

Design optimisation, vibration isolation of machinery, research and development techniques and modelling, hydraulic power systems, special topics.

P: ENME 340, ENME 341

ENME441-09S2 (C) **Semester 2**

ENME 442 Applied Computational Solid Mechanics

12 points 0.1000 EFTS

Variational and weighted residual approaches to problems in linear elasticity, the displacement FE approach, bar elements, linear two- and threee-dimensional elements, higher order elements, beam, shell and plate elements, introduction to dynamic analysis, multi-physics problems and contact mechanics.

P: EMTH 271, ENME 332, EMTH 391
R: ENME 342, ENME 430
EQ: ENME 342

ENME442-09S2 (C) **Semester 2**

ENME 443 Computer Control and Instrumentation

12 points 0.1000 EFTS

Computer control architecture and components, transducers and interfaces, actuators, programmable logic controllers, instrumentation techniques, data acquisition, supervisory control.

P: ENME 333, ENME 339
R: ENMT 443

ENME443-09S2 (C) **Semester 2**

ENME 445 Energy Engineering

12 points 0.1000 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 345

ENME445-09S2 (C) **Semester 2**

ENME 448 Special Topic: Special Project

12 points 0.1000 EFTS

P: Subject to approval of Head of Department

ENME448-09S1 (C) **Semester 1**

ENME 449 Special Topic: Physiological Modelling

12 points 0.1000 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 345, ENME 331

ENME449-09S1 (C) **Semester 1**

ENME 450 Industrial Management

12 points 0.1000 EFTS

Wealth creation, principles of human resource management, financial management, marketing, strategic planning, social, environmental and legal aspects of industrial operations.

P: ENME 340, ENME 341

ENME450-09S2 (C) **Semester 2**

ENME 454 Introduction to Acoustics

12 points 0.1000 EFTS

Fundamentals of acoustics; reflection and transmission phenomena; radiation and absorption; introduction to room acoustics; noise measurement with case studies and applications.

P: ENME 345

ENME454-09S2 (C) **Semester 2**

ENME 456 Computer Aided Product Development

12 points 0.1000 EFTS

The application of advanced technologies to manufacturing processes and product development. Design for manufacture, advanced CAE, parametric design through to manufacturing and inspection.

P: ENME 336

ENME456-09S1 (C) **Semester 1**

ENME 457 Fracture Mechanics and Failure Analysis

12 points 0.1000 EFTS

Linear elastic fracture mechanics. Introduction to elastic-plastic fracture mechanics. Analysis of engineering failures. Design and material selection to avoid failure.

P: ENME 227

ENME457-09S1 (C) **Semester 1**

ENME 464 Biofluid Mechanics

12 points 0.1000 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 345, ENME 354

ENME464-09S2 (C) **Semester 2**

ENME 465 HVAC Engineering

12 points 0.1000 EFTS

Heat transfer review, mass transfer, psychrometrics, building heating and cooling loads, thermal comfort, air conditioning systems, energy considerations.

P: ENME 345, ENME 354

ENME465-09S2 (C) **Semester 2**

ENME 466 Manufacturing Optimisation

12 points 0.1000 EFTS

Not Offered in 2009

This course deals with various manufacturing optimisation problems, including linear optimisation, networking optimisation, dynamic programming and decision-making. The emphasis is on the application of selected techniques and algorithms from operations research to solve these common optimisation problems in manufacturing and engineering.

P: ENME 336

ENME 467 Polymeric and Composite Materials

12 points 0.1000 EFTS

Structure, properties, processing and application of advanced non-metallic and composite engineering materials.

P: EMTH 210, ENME 227

ENME467-09S1 (C) **Semester 1**

ENME 474 Aerodynamics

12 points 0.1000 EFTS

This course covers the elements of aerodynamics required to design ground and air vehicles, and industrial aerodynamic systems including turbines. Drag, lift, control and stability will be covered together with practical tools for aerodynamic design.

P: ENME 345

R: ENME 434, ENME 444

ENME474-09S2 (C) **Semester 2**

ENME 477 Polymer Science and Engineering

12 points 0.1000 EFTS

Not Offered in 2009

This course is intended to reveal the correlation between chemical structure and physical characteristics of plastics necessary for appropriate material selection, design and processing. The course is concerned with the relationship between polymer structure, properties and processing.

P: ENME 227

ENME 480 Independent Course of Study

12 points 0.1000 EFTS

P: Subject to approval of the Head of Department

ENME480-09S1 (C) **Semester 1**

ENME480-09W (C) **Whole Year (S1 and S2)**

ENME480-09S2 (C) **Semester 2**

ENME 481 Special Topic in Mechanical Engineering

12 points 0.1000 EFTS

P: Subject to approval of the Head of Department

ENME481-09S1 (C) **Semester 1**
ENME481-09W (C) **Whole Year (S1 and S2)**
ENME481-09S2 (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 Product Innovation

0.1000 EFTS

Product innovation process from identification of the market need to product launch, computer aided design, analytical and management tools for rapid product development, financial and strategies issues. Case studies.

P: Subject to approval of the Head of Department.

ENME601-09S1 (C) **Semester 1**

ENME 623 Special Topic

0.1000 EFTS

P: Subject to approval of the Head of Department.

ENME623-09S1 (C) **Semester 1**

ENME 624 Special Topic

0.1000 EFTS

P: Subject to approval of the Head of Department.

ENME624-09S2 (C) **Semester 2**

ENME 625 Special Topic

0.1000 EFTS

P: Subject to approval of the Head of Department.

ENME625-09S1 (C) **Semester 1**

ENME 626 Special Topic: Waterjet Theory

0.1000 EFTS

P: Subject to approval of the Head of Department.

ENME626-09S2 (C) **Semester 2**

ENME 627 Special Topic in Mechanical Engineering

0.1000 EFTS

P: Subject to approval of the Head of Department

ENME627-09S1 (C) **Semester 1**
ENME627-09W (C) **Whole Year (S1 and S2)**
ENME627-09S2 (C) **Semester 2**

ENME 628 Special Topic in Mechanical Engineering

0.1000 EFTS

P: Subject to approval of the Head of Department

ENME628-09S1 (C) **Semester 1**
ENME628-09W (C) **Whole Year (S1 and S2)**
ENME628-09S2 (C) **Semester 2**

ENME 630 Advanced Computational Solid Mechanics

0.1000 EFTS

P: (1) ENME 330, ENME 332; (2) Subject to approval of the Head of Department.
R: ENME 430

ENME630-09S2 (C) **Semester 2**

ENME 632 Advanced Mechanics of Vibration

0.1000 EFTS

P: (1) ENME 331; (2) EMTH 204 or EMTH 391
R: ENME 432

ENME632-09S1 (C) **Semester 1**

ENME 633 Advanced Modern Control Theory

0.1000 EFTS

P: (1) ENME 330, ENME 331, ENME 333; (2) Subject to approval of the Head of Department.
R: ENME 433

ENME633-09S1 (C) **Semester 1**

ENME 635 Advanced Heat and Mass Transfer

0.1000 EFTS

Not Offered in 2009

P: Subject to approval of the Head of Department.
R: ENME 435

ENME 636 Advanced Manufacturing Technology

0.1000 EFTS

Not Offered in 2009

P: (1) ENME 336; (2) Subject to approval of the Head of Department.
R: ENME 436

ENME 638 Special Topic

0.1000 EFTS

P: Subject to approval of the Head of Department.

ENME638-09S1 (C) **Semester 1**

ENME 640 Advanced Mechanical System Design - Process

0.1000 EFTS

P: (1) ENME 340, ENME 341; (2) Subject to approval of the Head of Department.
R: ENME 440

ENME640-09S1 (C) **Semester 1**

ENME 641 Advanced Mechanical System Design - Special Applications

0.1000 EFTS

P: Subject to approval of the Head of Department.
R: ENME 441

ENME641-09S2 (C) **Semester 2**

ENME 643 Advanced Computer Control and Instrumentation

0.1000 EFTS

P: (1) ENME 333, ENME 339; (2) Subject to approval of the Head of Department.
R: ENME 443

ENME643-09S2 (C) **Semester 2**

ENME 645 Advanced Energy Engineering

0.1000 EFTS

P: (1) ENME 335; (2) Subject to approval of the Head of Department.
R: ENME 445

ENME645-09S2 (C) **Semester 2**

ENME 654 Introduction to Acoustics

0.1000 EFTS

Fundamentals of acoustics; reflection and transmission phenomena; radiation and absorption; introduction to room acoustics; noise measurement with case studies and applications.

P: Subject to approval of the Head of Department.
R: ENME 454

ENME654-09S2 (C) **Semester 2**

ENME 656 Advanced Computer-Aided Product Development

0.1000 EFTS

P: (1) ENME 336; (2) Subject to approval of the Head of Department.
R: ENME 456

ENME656-09S1 (C) **Semester 1**

ENME 657 Advanced Fracture Mechanics and Failure Analysis

0.1000 EFTS

Not Offered in 2009

P: ENME 337. Subject to approval of the Head of Department.
R: ENME 457

ENME 664 Advanced Biofluid Mechanics

0.1000 EFTS

P: (1) ENME 334; (2) Subject to approval of the Head of Department.
R: ENME 464

ENME664-09S2 (C) **Semester 2**

ENME 665 Advanced HVAC Engineering

0.1000 EFTS

P: (1) ENME 335; (2) Subject to approval of the Head of Department.
R: ENME 465

ENME665-09S2 (C) **Semester 2**

ENME 667 Advanced Polymeric and Composite Materials

0.1000 EFTS

P: (1) EMTH 210, ENME 337; (2) Subject to approval of the Head of Department.
R: ENME 467

ENME667-09S1 (C) **Semester 1**

ENME 671 Computational Methods in Elasto-dynamic Inverse Problems

0.1000 EFTS

This course is intended to develop the theory and computational methods necessary to implement inverse problems in elasto-dynamics. These problems typically convert known displacement/strain information from a domain to parametric descriptions of the stiffness distribution within the domain, i.e. they allow for the imaging of elastic properties given motion measurements. These methods are widely used in a variety of fields but contain a host of computational issues that require special attention in their implementation. The course will take a hand on approach to developing both traditional and novel techniques for the implementation of these methods.

P: ENME 430 or ENME 630 or ENCI 616 or equivalent.

ENME671-09S2 (C) **Semester 2**

ENME 675 Independent Course of Study

0.1000 EFTS

P: Subject to approval of the Head of Department

ENME675-09S1 (C) **Semester 1**
ENME675-09W (C) **Whole Year (S1 and S2)**
ENME675-09S2 (C) **Semester 2**

ENME 676 Biomaterials Science

0.1000 EFTS

Not Offered in 2009

This course provides a comprehensive introduction to the interactions between proteins, cells and surfaces of biomaterials as well as principles of materials science and cell biology underlying the design of medical implants, artificial organs, and scaffolds for tissue engineering. The course aims to blend a number of fields, including materials engineering, cell biology and biochemistry, combined with hands-on and practical examples addressing Biomaterials research and current trends in fields of Biotechnology and Regenerative Medicine.

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

ENME 680 ME Project

0.5000 EFTS

P: Subject to approval of the Head of Department.

ENME680-09A (C) **Starts Anytime**

ENME680-09W (C) **Whole Year (S1 and S2)**

ENME 682 Special Topic in Mechanical Engineering - Project

0.2000 EFTS

P: Subject to approval of the Head of Department

ENME682-09S1 (C) **Semester 1**

ENME682-09W (C) **Whole Year (S1 and S2)**

ENME682-09S2 (C) **Semester 2**

ENME 690 ME Thesis

1.0000 EFTS

P: Subject to approval of the Head of Department.

ENME690-09A (C) **Starts Anytime**

Note: 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.

ENME790-09A (C) **Starts Anytime**

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

**From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Mechatronics Engineering

Department of Mechanical Engineering

Note: Timetable information for professional engineering courses will be available at www.engf.canterbury.ac.nz/timetables.html from 1 February 2009.

ENMT 201 Introduction to Mechatronics Design

24 points 0.2000 EFTS

Introduction to Mechatronics Engineering as a discipline. Fundamentals of sensors, actuators and control systems. Engineering Design and tools (Engineering drawing, CAD, management basics).

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

ENMT201-09W (C) **Whole Year (S1 and S2)**

ENMT 301 Mechatronics System Design

24 points 0.2000 EFTS

Continuation of the study of Mechatronics Engineering as a discipline. In-depth study of sensors and actuators. Lectures and practice of engineering design methods. Comprehensive team project.

P: ENMT 201

ENMT301-09W (C) **Whole Year (S1 and S2)**

ENMT 322 Operations and Quality Management

12 points 0.1000 EFTS

Lectures and practice of engineering management methods. Team case studies.

P: ENMT 201

ENMT322-09S1 (C) **Semester 1**

ENMT 401 Project

24 points 0.2000 EFTS

P: ENEL 335 and ENME 331 and ENEL 351 or ENME 333 and ENEL 353 or COSC 361 and ENMT 311 or ENMT 301

ENMT401-09W (C) **Whole Year (S1 and S2)**

ENMT 443 Measurement Technology

12 points 0.1000 EFTS

Continuation of the study of Mechatronics Engineering as a discipline. Instrumentation and measurement techniques. In-depth and broad study of sensing techniques, supervisory control and data acquisition.

P: ENME 333 and ENMT 301, or ENEL 351

R: ENME 443

ENMT443-09S2 (C) **Semester 2**

ENMT 453 Advanced Control

12 points 0.1000 EFTS

Sampled data systems. Stochastic systems. System identification. Nonlinear control. Neuro-Fuzzy control.

P: Subject to approval of the Head of Department.

ENMT453-09S2 (C) **Semester 2**

ENMT 463 Robotics

12 points 0.1000 EFTS

Continuation of the study of Mechatronics Engineering in robotics as an important mechatronics element. In-depth study of robot kinematics, mobility, programming and control, robot applications. Team project.

P: (EMTH 203 or EMTH 204 or (EMTH 210 and EMTH 271)) and (ENME 333 or ENEL 351)

ENMT463-09S1 (C) **Semester 1**

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.

MDPH401-09S1 (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.

MDPH402-09S2 (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

MDPH403-09S1 (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

MDPH404-09S1 (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.

MDPH405-09S2 (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

MDPH406-09S2 (C) **Semester 2**

MDPH 407 Special Topic

0.1250 EFTS

P: Subject to approval of the Head of Department.

MDPH407-09S2 (C) **Semester 2**

MDPH 408 Special Topic

0.1250 EFTS

P: Subject to approval of the Head of Department.

MDPH408-09S1 (C) **Semester 1**

MDPH 409 Special Topic

0.1250 EFTS

P: Subject to approval of the Head of Department.

MDPH409-09S2 (C) **Semester 2**

MDPH 410 Special Topic

0.1250 EFTS

P: Subject to approval of the Head of Department.

MDPH410-09S2 (C) **Semester 2**

MDPH 480 Medical Physics Research

0.3330 EFTS

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

MDPH480-09W (C) **Whole Year (S1 and S2)**

MDPH 690 MSc Thesis for Medical Physics

1.0000 EFTS

P: Subject to approval of the Head of Department.

MDPH690-09A (C) **Starts Anytime**

Note: 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.

MDPH790-09A (C) **Starts Anytime**

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

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.

MPHC690-09A (C) **Starts Anytime**

Note: 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.

MPHC790-09A (C) **Starts Anytime**

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

**From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Microbiology

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 BIOL434-493

P: Subject to approval of the Head of School.

MBIO480-09W (C) **Whole Year (S1 and S2)**

MBIO 690 MSc Thesis

1.0000 EFTS

P: Subject to approval of the Head of School.

MBIO690-09A (C) **Starts Anytime**

Note: 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.

MBIO790-09A (C) **Starts Anytime**

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

**From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Music

College of Arts

MUSI 103 Introducing Music

18 points 0.1500 EFTS

A listening-based course which covers a variety of topics on selected aspects of Western music. The course is for students who enjoy music and wish to increase their knowledge and interest, but do not wish to be involved in theoretical aspects.

R: MUSI 101, MUSI 123 (prior to 2006), MUSI 130 and MUSI 131

MUSI103-09SU1 (C) **Summer (Jan 09)**

MUSI 107 Introduction to Materials of Music

18 points 0.1500 EFTS

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, 271 and 272.

R: MUSI 104, MUSI 105, MUSI 108, MUSI 117 (prior to 2006), MUSI 118

MUSI107-09S1 (C) **Semester 1**

MUSI 109 From Rags to Swing: the Evolution of Jazz

18 points 0.1500 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

MUSI109-09S2 (C) **Semester 2**

MUSI 113 Choir and Sightsinging

12 points 0.1000 EFTS

Not Offered in 2009

This course develops sight-singing skills and experience of choral repertoire from the Renaissance to the present through participation in a four-part choir.

RP: Students who are not studying for the MusB degree or BA Music Major and doubt the accuracy of their singing voice should seek an interview with the course coordinator prior to enrolling. Students with limited music notation reading skills are advised also to enrol in MUSI 107.

MUSI 125 Music Recording and Production Techniques

18 points 0.1500 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.

MUSI125-09W (C) **Whole Year (S1 and S2)**

MUSI 126 Digital Music

18 points 0.1500 EFTS

Developing an understanding of, and experience in, some of the aspects of digital sound recording and processing.

R: MUSI 136 (prior to 2006)

MUSI126-08SU2 (C) **Summer (Nov 08)**

MUSI 127 Composition 1
36 points 0.3000 EFTS
Investigation of appropriate techniques and procedures springing from the compositional initiatives of each class member.

MUSI127-09W (C) Whole Year (S1 and S2)

MUSI 128 European Languages for Musicians
18 points 0.1500 EFTS
Not Offered in 2009
Development of basic translation into English and pronunciation skills required by musicians in German, French and Italian.

MUSI 130 Music History and Literature 1
18 points 0.1500 EFTS
Not Offered in 2009
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
18 points 0.1500 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

MUSI131-09S1 (C) Semester 1

MUSI 140 Second Subject Performance
18 points 0.1500 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.

MUSI140-09W (C) Whole Year (S1 and S2)

MUSI 141 Performance 1
36 points 0.3000 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.

MUSI141-09W (C) Whole Year (S1 and S2)

MUSI 146 Independent Course of Study
36 points 0.3000 EFTS
Not Offered in 2009
P: Subject to the approval of the Head of Department.

MUSI 147 Independent Course of Study
36 points 0.3000 EFTS
Not Offered in 2009
P: With the permission of the Head of Music
R: MUSI 141

MUSI 171 Materials of Music 1
18 points 0.1500 EFTS
Music theory with aural and written analysis and sight-singing skills.

R: MUSI 105, MUSI 114, MUSI 205

MUSI171-09S1 (C) Semester 1

MUSI 172 Materials of Music 2
18 points 0.1500 EFTS
Music theory with aural and written analysis and keyboard skills.

P: MUSI 171
R: MUSI 105, MUSI 114, MUSI 205

MUSI172-09S2 (C) Semester 2

MUSI 180 Performance Recording Technology
12 points 0.1000 EFTS
Not Offered in 2009
Developing an understanding of the theories and skills of relevant technologies and processes suitable for professional work in the music industry.

R: MUSI 181

Note: Taught at School of Jazz, CPIT.

MUSI 182 The Business of Music
12 points 0.1000 EFTS
Developing an understanding of the music industry, its current operation, and the roles of key organisations and individuals.

MUSI182-09S1 (P) Semester 1

Note: Taught at School of Jazz, CPIT.

MUSI 190 Jazz Ensemble 1
12 points 0.1000 EFTS
Ensemble training and performance in big band jazz.

P: School of Jazz audition.

MUSI190-09W (P) Whole Year (S1 and S2)

MUSI 191 Canterbury Cellists 1
12 points 0.1000 EFTS
Ensemble training and performance in cello ensemble.
P: School of Music audition.
MUSI191-09W (C) **Whole Year (S1 and S2)**

MUSI 192 Chamber Choir 1
12 points 0.1000 EFTS
Not Offered in 2009
Ensemble training and performance in chamber choir singing.
P: School of Music audition.

MUSI 193 Gamelan 1
12 points 0.1000 EFTS
Not Offered in 2009
Ensemble training and performance in traditional Balinese gamelan. Previous experience in gamelan playing not necessary.

MUSI 194 Chamber Orchestra 1
12 points 0.1000 EFTS
Ensemble training and performance in chamber orchestra.
P: School of Music audition.
MUSI194-09S1 (C) **Semester 1**

MUSI 195 New Music Ensemble 1
12 points 0.1000 EFTS
Not Offered in 2009
Ensemble training and performance in the performance of new music.
P: School of Music audition.

MUSI 197 Piano Accompaniment 1
12 points 0.1000 EFTS
Piano accompaniment training and performance.
P: School of Music audition.
MUSI197-09W (C) **Whole Year (S1 and S2)**

MUSI 198 Instrumental/Vocal Ensemble 1
12 points 0.1000 EFTS
Ensemble training and performance.
P: School of Music audition
MUSI198-09W (C) **Whole Year (S1 and S2)**

MUSI 210 Special Topic
22 points 0.1833 EFTS
Performance work involving weekly individual lessons, performance classes and ensemble training in an approved instrument.
P: Any 18 points of MUSI at 100 level and other requirements approved by HoS.
R: MUSI 310
MUSI210-09W (C) **Whole Year (S1 and S2)**

MUSI 220 Musicianship Skills 1
22 points 0.1833 EFTS
The development of essential aural and keyboard musicianship skills (begun in MUSI 171 and MUSI 172).
P: MUSI 172, or both MUSI 105 and MUSI 114
R: MUSI 212, MUSI 214, MUSI 216, MUSI 317
MUSI220-09W (C) **Whole Year (S1 and S2)**

MUSI 224 Orchestration 1
22 points 0.1833 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
MUSI224-09W (C) **Whole Year (S1 and S2)**

MUSI 226 Sonic Art 1
22 points 0.1833 EFTS
P: MUSI 126 or MUSI 136
R: MUSI 326 (1995-2003)
MUSI226-09W (C) **Whole Year (S1 and S2)**
Note: Limited entry. See limitation of entry regulations.

MUSI 227 Composition 2
44 points 0.3667 EFTS
Developing students' abilities to express their own creative compositional ideas in the most effective manner.
P: MUSI 127
R: MUSI 225
MUSI227-09W (C) **Whole Year (S1 and S2)**

MUSI 235 Studies in Music Education
22 points 0.1833 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: MUSI 108 or MUSI 118 or MUSI 130 or MUSI 131 or MUSI 171 or MUSI 102 or MUSI 105 or at least 36 points in non-music courses and evidence of music reading ability approved by HOD.
R: MUSI 311 (1995)
MUSI235-09S1 (C) **Semester 1**

MUSI 241 Performance 2
44 points 0.3667 EFTS
Performance work involving weekly individual lessons, performance classes and ensemble training in an approved instrument.
P: MUSI 141
MUSI241-09W (C) **Whole Year (S1 and S2)**

MUSI 242 Music of the Renaissance: 1450-1650

22 points 0.1833 EFTS

Not Offered in 2009

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

MUSI 243 Music of Court and Enlightenment: 1650-1800

22 points 0.1833 EFTS

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

MUSI243-09S1 (C) Semester 1

MUSI 244 Music in the Age of Revolutions: 1790-1890

22 points 0.1833 EFTS

Not Offered in 2009

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 245 Music and Modern Times: 1890 to the present day

22 points 0.1833 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

MUSI245-09S2 (C) Semester 2

MUSI 251 World Music 1 - Asia

22 points 0.1833 EFTS

Not Offered in 2009

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: MUSI 106 or MUSI 108 or MUSI 118 or MUSI 130 or MUSI 131 or MUSI 171 or MUSI 102 or MUSI 105 or at least 36 points in non-music courses and evidence of music reading ability approved by HOD.

R: MUSI 210, MUSI 310 (1986-1988), MUSI 351

MUSI 252 World Music 2 - Himalayas

22 points 0.1833 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: MUSI 107 or MUSI 108 or MUSI 118 or MUSI 131 or MUSI 171 or MUSI 102 or MUSI 105 or at least 36 points in non-music courses and evidence of music reading ability approved by HOD.

R: MUSI 310 (1995), MUSI 352, SAST 204, SAST 304

EQ: SAST 204

MUSI252-09S2 (C) Semester 2

MUSI 271 Materials of Music 3

22 points 0.1833 EFTS

Advanced music theory (aural perception and analysis of, and writing exercises in chromatic harmony)

P: MUSI 105 or MUSI 172

R: MUSI 201, MUSI 205, MUSI 213, MUSI 214, MUSI 215, MUSI 219

MUSI271-09S1 (C) Semester 1

MUSI 272 Materials of Music 4

22 points 0.1833 EFTS

Not Offered in 2009

Advanced music theory aural and written analysis.

P: MUSI 271

R: MUSI 201, MUSI 205, MUSI 213, MUSI 214, MUSI 215, MUSI 219

MUSI 290 Jazz Ensemble 2

12 points 0.1000 EFTS

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 Music audition.

MUSI290-09W (P) Whole Year (S1 and S2)

MUSI 291 Canterbury Cellists 2

12 points 0.1000 EFTS

Advanced ensemble training and performance in cello ensemble.

P: MUSI 191 or any one of MUSI 142-MUSI 145 in Canterbury Cellists plus School of Music audition.

MUSI291-09W (C) Whole Year (S1 and S2)

MUSI 292 Chamber Choir 2

12 points 0.1000 EFTS

Not Offered in 2009

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

12 points 0.1000 EFTS

Not Offered in 2009

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
12 points 0.1000 EFTS
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.
MUSI294-09S1 (C) **Semester 1**

MUSI 295 New Music Ensemble 2
12 points 0.1000 EFTS
Not Offered in 2009
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
12 points 0.1000 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.
MUSI297-09W (C) **Whole Year (S1 and S2)**

MUSI 298 Instrumental/Vocal Ensemble 2
12 points 0.1000 EFTS
Advanced ensemble training and performance in chamber music.
P: MUSI 198 or any one of MUSI 142-MUSI 145 in Chamber Music.
MUSI298-09W (C) **Whole Year (S1 and S2)**

MUSI 310 Special Topic
28 points 0.2333 EFTS
Not Offered in 2009
P: Any 22 points of MUSI at 200 level approved by HOD.
R: MUSI 359

MUSI 311 Special Topic
28 points 0.2333 EFTS
P: (1) MUSI 242 or MUSI 243 or MUSI 245; or (2) MUSI 251 and either MUSI 130 or MUSI 131.
MUSI311-09S1 (C) **Semester 1**

MUSI 313 Historical Performance Practice
28 points 0.2333 EFTS
Develops understanding of key issues in the historical performance of music (i.e. 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-MUSI 245 or MUSI 261-MUSI 264 or MUSI 361-MUSI 364 or School of Music Audition.
MUSI313-09W (C) **Whole Year (S1 and S2)**

MUSI 315 Twentieth Century Music Textures
28 points 0.2333 EFTS
The methods and techniques of composition in the works of various 20th century composers.
P: MUSI 201 or MUSI 205 or MUSI 271 or MUSI 272
MUSI315-09W (C) **Whole Year (S1 and S2)**

MUSI 318 Studies in Music Research
28 points 0.2333 EFTS
Not Offered in 2009
Practical studies in library resource, bibliographical material, writing up research reports and basic editorial procedures.
P: MUSI 206 or MUSI 208 or any one of MUSI 261, MUSI 262, MUSI 263, MUSI 264, MUSI 265, MUSI 266, MUSI 268, MUSI 269.

MUSI 320 Musicianship and Conducting
28 points 0.2333 EFTS
Not Offered in 2009
The further development of musicianship skills essential to conductors taught in MUSI 220, and basic conducting techniques.
P: MUSI 220 (with a B grade or higher)
R: MUSI 317

MUSI 326 Sonic Art II
28 points 0.2333 EFTS
Not Offered in 2009
Practical composition using the facility of the Electronic Music Studio and other appropriate resources. Requires permission of the Head of Department.
P: MUSI 226.
R: MUSI 308 (1978)
RP: It is strongly recommended that students taking this course should have had some previous supervised experience in the Electronic Music Studio.

MUSI 327 Composition 3
56 points 0.4667 EFTS
Developing students' abilities to express their own creative compositional ideas in the most effective manner.
P: MUSI 227
MUSI327-09W (C) **Whole Year (S1 and S2)**

MUSI 335 Aspects of Music Education
28 points 0.2333 EFTS
An introduction to philosophical, psychological, historical and pedagogical issues relevant to New Zealand music education today.
P: MUSI 235
R: MUSI 311 (1995)
MUSI335-09S1 (C) **Semester 1**

MUSI 341 Performance 3
56 points 0.4667 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, 172 and MUSI 241 (B- grade or higher)
MUSI341-09W (C) **Whole Year (S1 and S2)**

MUSI 343 Music of Court and Enlightenment: 1650-1800 (Advanced)
28 points 0.2333 EFTS
Advanced studies in the history of music of the baroque and classical periods, including social history and musicological analysis. Students taking this course should have a sound grasp of music notation and theory; MUSI 271 is a recommended complementary course.
P: MUSI 172 and any one of MUSI 235, 242, 244, 251 or 252. MUSI 271 is recommended.
R: MUSI 243
MUSI343-09S1 (C) **Semester 1**

MUSI 345 Music and Modern Times: 1890 to the present day (Advanced)
28 points 0.2333 EFTS
Advanced studies in the history of music of the baroque and classical periods, including social history and musicological analysis. Students taking this course should have a sound grasp of music notation and theory; MUSI 271 is a recommended complementary course.
P: MUSI 172 and any one of MUSI 235, 242, 243, 244, 251 or 252. MUSI 271 is recommended
R: MUSI 245
MUSI345-09S2 (C) **Semester 2**

MUSI 351 World Music 1 - Asia
28 points 0.2333 EFTS
Not Offered in 2009
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: MUSI 206 or any one of MUSI 235, MUSI 242-MUSI 245, MUSI 252, MUSI 262-MUSI 269.
R: MUSI 210, MUSI 251, MUSI 310 (1986-1988)

MUSI 352 World Music 2 - Himalayas
28 points 0.2333 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: MUSI 206 or any one of MUSI 235, MUSI 242, MUSI 245, MUSI 252, MUSI 262-MUSI 269, MUSI 251.
R: MUSI 252, MUSI 310 (1995), SAST 204, SAST 304
EQ: SAST 304
MUSI352-09S2 (C) **Semester 2**

MUSI 359 Philosophy of Music
28 points 0.2333 EFTS
Not Offered in 2009
A study of the central ideas in the philosophy of music in the western tradition from Plato to Hanslick.
P: Any 22 points at 200 level from BA Schedule
R: MUSI 310 (2004, 2005)

MUSI 380 Jazz Research Topic
28 points 0.2333 EFTS
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.
MUSI380-09W (P) **Whole Year (S1 and S2)**

MUSI 381 Jazz Theory 3
28 points 0.2333 EFTS
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.
MUSI381-09W (P) **Whole Year (S1 and S2)**

MUSI 382 Jazz Arranging and Composition 3
56 points 0.4667 EFTS
Jazz arranging and composing pieces for performance for specific ensemble and orchestral section.
P: B grade or higher in CPIT - JZAR 608.
MUSI382-09W (P) **Whole Year (S1 and S2)**

MUSI 383 Jazz Performance 3
56 points 0.4667 EFTS
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.
MUSI383-09W (P) **Whole Year (S1 and S2)**

MUSI 390 Jazz Ensemble 3
14 points 0.1167 EFTS
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.
MUSI390-09W (P) **Whole Year (S1 and S2)**

MUSI 391 Canterbury Cellists 3
14 points 0.1167 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.
MUSI391-09W (C) **Whole Year (S1 and S2)**

MUSI 392 Chamber Choir 3
14 points 0.1167 EFTS

Not Offered in 2009

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
14 points 0.1167 EFTS

Not Offered in 2009

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
14 points 0.1167 EFTS

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.

MUSI394-09S1 (C) **Semester 1**

MUSI 395 New Music Ensemble 3
14 points 0.1167 EFTS

Not Offered in 2009

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
14 points 0.1167 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.

MUSI397-09W (C) **Whole Year (S1 and S2)**

MUSI 398 Instrumental/Vocal Ensemble 3
14 points 0.1167 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.

MUSI398-09W (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.

MUSI 456 Advanced Research Techniques
0.2500 EFTS

Not Offered in 2009

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 316, MUSI 351, MUSI 352, MUSI 361-MUSI 369; (2) Subject to approval of the Head of Department.
R: MUSI 412, MUSI 602

MUSI457-09W (C) **Whole Year (S1 and S2)**

MUSI 458 Studies in Music Analysis
0.2500 EFTS

P: (1) One of MUSI 315, MUSI 316, MUSI 351, MUSI 352, MUSI 361-MUSI 369; (2) Subject to approval of the Head of Department.
R: MUSI 408, MUSI 604

MUSI458-09W (C) **Whole Year (S1 and S2)**

MUSI 459 Studies in the Aesthetics of Music
0.2500 EFTS

P: Subject to approval of the Head of Department.
R: MUSI 407, MUSI 605

MUSI459-09W (C) **Whole Year (S1 and S2)**

MUSI 460 A Topic in Music Criticism
0.2500 EFTS

P: Subject to approval of the Head of Department.
R: MUSI 413, MUSI 606

MUSI460-09W (C) **Whole Year (S1 and S2)**

MUSI 461 A Documentary Study of a Prescribed Topic
0.2500 EFTS

P: Subject to approval of the Head of Department.
R: MUSI 414, MUSI 607

MUSI461-09W (C) **Whole Year (S1 and S2)**

MUSI 462 World Music - Advanced Studies
0.2500 EFTS

P: Subject to approval of the Head of Department.
R: MUSI 402, MUSI 608

MUSI462-09W (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 Head of Department.
R: MUSI 403, MUSI 609

MUSI463-09S1 (C) **Semester 1**

MUSI 464 Curriculum Studies in Music Education

0.2500 EFTS

P: (1) MUSI 335 or MUSI 336; (2) Subject to approval of the Head of Department.
R: MUSI 405, MUSI 610

MUSI464-09S1 (C) **Semester 1**

MUSI 465 Special Topic

0.2500 EFTS

P: Subject to approval of the Head of Department.
R: MUSI 406, MUSI 611

MUSI465-09W (C) **Whole Year (S1 and S2)**

MUSI 466 Seminar Project

0.2500 EFTS

P: Subject to approval of the Head of Department.

MUSI466-09W (C) **Whole Year (S1 and S2)**

MUSI 471 Composition 4

0.5000 EFTS

P: (1) MUSI 327; (2) Subject to approval of the Head of Department.
R: MUSI 409, MUSI 420

MUSI471-09W (C) **Whole Year (S1 and S2)**

MUSI 472 Electro-acoustic Music

0.2500 EFTS

P: (1) MUSI 326; (2) Subject to approval of the Head of Department.

MUSI472-09W (C) **Whole Year (S1 and S2)**

MUSI 473 Performance 4

0.5000 EFTS

P: MUSI 341 (B+ grade or higher)
R: MUSI 441

MUSI473-09W (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 Head of Department.

MUSI474-09W (C) **Whole Year (S1 and S2)**

MUSI 481 Research Essay

0.2500 EFTS

P: Subject to approval of the Head of Department.

MUSI481-09W (C) **Whole Year (S1 and S2)**

MUSI 690 MA Thesis

1.0000 EFTS

P: Subject to approval of the Head of Department.

MUSI690-09A (C) **Starts Anytime**

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

MUSI 692 MMus Performance

1.0000 EFTS

P: Subject to approval of the Head of Department.

MUSI692-09A (C) **Starts Anytime**

MUSI 693 MMus Composition

1.0000 EFTS

P: Subject to approval of the Head of Department.

MUSI693-09A (C) **Starts Anytime**

MUSI 790 Music PhD

1.0000 EFTS

P: Subject to approval of the Head of Department.

MUSI790-09A (C) **Starts Anytime**

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

Natural Resources Engineering

Department of Civil and Natural Resources Engineering

Note: Timetable information for professional engineering courses will be available at www.engf.canterbury.ac.nz/timetables.html from 1 February 2009.

ENNR 203 Environmental Quality and Ecosystems

12 points 0.1000 EFTS

Introduction to ecology, hydrology and microbiology. Society and the environment. Resource Management Act. Mass balances. Water quality parameters.

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

ENNR203-09S1 (C) **Semester 1**

ENNR 305 Ecological Engineering 1

12 points 0.1000 EFTS

Natural and Human systems; System self design; Ecosystem processes; concepts and principles of ecological engineering.

P: ENCI 281 or ENNR 203, ENCI 271.

ENNR305-09S2 (C) **Semester 2**

ENNR 306 Integrated Catchment Analysis
12 points 0.1000 EFTS
Integrated catchment management, environmental impact assessment, spatial data analysis, Geographic information systems, catchment surface and groundwater hydrology, case studies in NRE.
P: ENNR 203, ENCI 262, and ENCI 271
ENNR306-09S1 (C) **Semester 1**

ENNR 346 Energy Engineering 1
12 points 0.1000 EFTS
Energy forms, closed and open systems, first and second laws of thermodynamics, heat and mass transfer, energy converters and power transmission, power system characteristics, energy supply and demand, alternative energy (bio fuels, wind, hydro, wave, and others).
P: ENCI 241
ENNR346-09S2 (C) **Semester 2**

ENNR 364 Ground Engineering and Geomorphology
12 points 0.1000 EFTS
A course integrating the principles of geomorphology and ground engineering. This course is aimed at giving a broad understanding of landform evolution and its implications for engineering site selection. In addition it introduces analytical methods to quantifying the mechanics of soil behaviour and ground movement in natural and man-made terrain.
P: ENCI 271 and ENCI 252
ENNR364-09S2 (C) **Semester 2**

ENNR 404 Water Infrastructure and Design
12 points 0.1000 EFTS
Hydraulic and hydrologic design, transients, networks, computational hydraulics and hydraulic modelling.
P: ENCI 302, ENCI 341
ENNR404-09S1 (C) **Semester 1**

ENNR 405 Ecological Engineering 2
12 points 0.1000 EFTS
Ecological engineering is the design of sustainable systems which derive their energy and materials from ecosystems. Such designs aim to integrate human society with the natural environment for the benefit of both. In this course the following topics are examined; ecologically engineered wetlands for biological and mine drainage treatment; stormwater infiltration devises; best management practices(s) for mitigating contaminated land wastes and diffuse nutrient runoff from agricultural practices.
P: ENNR 305, ENNR 304
ENNR405-09S1 (C) **Semester 1**

ENNR 407 Advanced Hydrology
12 points 0.1000 EFTS
Advanced hydrological principles and modelling. Frequency analysis of extreme events (storms, floods, and droughts). Rainfall-runoff and routing models. Groundwater flow and well pumping.
P: ENCI 303
ENNR407-09S2 (C) **Semester 2**

ENNR 422 Water Resources Engineering
12 points 0.1000 EFTS
Management Science techniques in water resources. Dams and reservoirs. river engineering. Catchment modelling.
P: Subject to approval of the Head of Department.
ENNR422-09S2 (C) **Semester 2**

ENNR 423 Energy Engineering 2
12 points 0.1000 EFTS
Principles, applications and design of energy production using natural resources, especially wind, solar, hydro, biomass and geothermal. Energy conservation, demand, and policy. Energy and global environmental issues. Design of energy use systems.
P: ENNR 346
ENNR423-09S1 (C) **Semester 1**

ENNR 429 Natural Resources Engineering Projects
24 points 0.2000 EFTS
Detailed study and original work on an approved topic in Natural Resources Engineering.
P: Subject to approval of the Head of Department.
R: ENNR 425
ENNR429-09W (C) **Whole Year (S1 and S2)**

ENNR 431 Bio-resources Engineering
12 points 0.1000 EFTS
Engineering and resource requirements of the bioresource systems of agriculture, horticulture, aquaculture. Design of irrigation and drainage systems.
P: Subject to approval of the Head of Department.
ENNR431-09S2 (C) **Semester 2**

ENNR 451 Engineering in Developing Communities
12 points 0.1000 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: ENCI 383 or HOD approval
ENNR451-09S2 (C) **Semester 2**

Pacific Studies

College of Arts

PACS 101 Peopling the Pacific

18 points 0.1500 EFTS

Environment and culture in the Pacific.

PACS101-09S2 (C) **Semester 2**

PACS 201 Special Topic: Introduction to Pacific Peoples and Cultures

22 points 0.1833 EFTS

P: A B average in 24 points in appropriate courses with the approval of the Head of Department.

PACS201-09S2 (C) **Semester 2**

PACS 301 Special Topic

28 points 0.2333 EFTS

P: Either 22 points of PACS at 200 level with a B pass; or any 44 points at 200 level

PACS301-09S2 (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.

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.

PACS401-09W (C) **Whole Year (S1 and S2)**

PACS 404 The Politics of Oceania

0.2500 EFTS

The politics of the countries of the Pacific Island region and their relations with Asia.

P: Subject to approval of the Head of Department.
R: POLS 415, DIPL 411
EQ: POLS 415, DIPL 411

PACS404-09W (C) **Whole Year (S1 and S2)**

PACS 405 Education and Development in the Pacific

0.2500 EFTS

Not Offered in 2009

This course analyses education in the Pacific region. It introduces students to theories of development and underdevelopment and discusses education in relation to notions of colonialism, neo-colonialism and nationalism.

P: Subject to approval of the Head of Department.
R: EDEM 647, EDUC 417, EDUC 617
EQ: EDEM 647, EDUC 417

PACS 407 Special Topic

0.2500 EFTS

P: Subject to approval of the Head of Department.

PACS407-09S1 (C) **Semester 1**

PACS 408 Coastal Studies

0.2500 EFTS

P: Subject to approval of the Head of Department.
R: GEOG 437, GEOG 438

PACS408-09W (C) **Whole Year (S1 and S2)**

PACS 410 Cross-Cultural Education in Aotearoa

0.2500 EFTS

Not Offered in 2009

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: Maori Art in Perspective

0.2500 EFTS

This course interprets Maori 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, Maori art.

P: Subject to approval of the Head of Department.
R: ARTH 401
EQ: ARTH 401

PACS412-09S1 (C) **Semester 1**

PACS 413 The Art of the Pacific

0.2500 EFTS

This course offers an in-depth study of the arts of Polynesia, Melanesia, Micronesia and Australia from 1965 to the present day. Issues include: gender, representation, cultural and political identity, the appropriation of art and the politicisation of art.

P: Subject to approval of the Head of Department.
R: ARTH 413
EQ: ARTH 413

PACS413-09S1 (C) **Semester 1**

PACS 414 Art Theory

0.2500 EFTS

P: Subject to approval of the Head of Department.
R: ARTT 415
EQ: ARTT 415

PACS414-09W (C) **Whole Year (S1 and S2)**

PACS 417 Special Topic
0.2500 EFTS
P: Subject to approval of the Head of Department.
PACS417-09S2 (C) **Semester 2**

PACS 418 Colonialism to Partnership? Europe in the Pacific
0.2500 EFTS
Contemporary and Historical analysis of colonialism in the Pacific drawing on case studies on the ecological impact of colonialism and the economic impact of the EU policy towards the Pacific.
P: Subject to approval of the Head of Department.
R: EURO 404, FREN 421
EQ: EURO 404, FREN 421
PACS418-09W (C) **Whole Year (S1 and S2)**

PACS 419 Special Topic: Pacific Methods
0.2500 EFTS
P: Subject to approval of the Head of Department
PACS419-09W (C) **Whole Year (S1 and S2)**

PACS 420 Special Topic: Pacific Economies
0.2500 EFTS
P: Subject to approval of the Head of Department.
PACS420-09S2 (C) **Semester 2**

PACS 421 Special Topic
0.2500 EFTS
P: Subject to approval of the Head of Department.
PACS421-09S1 (C) **Semester 1**

PACS 422 Independent Course of Study
0.2500 EFTS
P: Subject to the approval of the Head of Department.
PACS422-09W (C) **Whole Year (S1 and S2)**

PACS 423 Special Topic in Pacific Methods
0.2500 EFTS
P: Subject to the approval of the Head of Department
PACS423-09W (C) **Whole Year (S1 and S2)**

PACS 690 MA Thesis
1.0000 EFTS
P: Subject to approval of the Head of Department.
PACS690-09A (C) **Starts Anytime**
Note: 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.
PACS790-09A (C) **Starts Anytime**
Note: Part-time enrolment (0.65 EFTS) is available on approval.
**From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Painting

College of Arts

PAIN 201 Painting
81 points 0.6750 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
PAIN201-09W (C) **Whole Year (S1 and S2)**
Note: Limited entry. See limitation of entry regulations.

PAIN 301 Painting
81 points 0.6750 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) 36 points at 100 level in ARTH, and (3) 22 points at 200 level in ARTH.
PAIN301-09W (C) **Whole Year (S1 and S2)**
Note: Limited entry. See limitation of entry regulations.

PAIN 401 Painting
81 points 0.6750 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
PAIN401-09W (C) **Whole Year (S1 and S2)**
Note: 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.
PAIN501-09W (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.
PAIN550-09W (C) Whole Year (S1 and S2)

PAIN 601 Painting MFA
1.0000 EFTS
P: Subject to approval of the Head of Department.
PAIN601-09A (C) Starts Anytime

PAIN 602 Painting
0.5000 EFTS
P: Subject to approval of the Head of Department.
PAIN602-09W (C) Whole Year (S1 and S2)

Peace Studies

School of Education Studies and Human Development

PEAC 101 Peace Studies 1
18 points 0.1500 EFTS
Not Offered in 2009
This course aims to introduce students to the field of Peace Research and Peace Studies. Topics include: types and sources of conflict, militarism and disarmament, threats to peace, conflict-resolution, peace movements.
R: INCO 102, INCO 214

Philosophy

College of Arts

PHIL 110 Science: Good, Bad, and Bogus
18 points 0.1500 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.
PHIL110-09S1 (C) Semester 1

PHIL 111 Philosophy, Sex, and Thinking
18 points 0.1500 EFTS
An introduction to philosophical theorising about male and female capacities for rational thought and contributions to the nature of rationality.
PHIL111-09SU1 (C) Summer (Jan 09)

PHIL 132 God, Mind, and Freedom
18 points 0.1500 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 138 (prior to 2006)
PHIL132-09S2 (C) Semester 2

PHIL 133 Philosophy and Human Nature
18 points 0.1500 EFTS
The human story is a record of great achievements and terrible evils. What is the true nature of this contradictory creature?
PHIL133-09S1 (C) Semester 1

PHIL 134 Logic and Computability
18 points 0.1500 EFTS
Introduction to logic and computability.
R: MATH 134, MATH 144, PHIL 144
EQ: MATH 134
PHIL134-09SU1 (C) Summer (Jan 09)

PHIL 136 Ethics Today
18 points 0.1500 EFTS
Not Offered in 2009

PHIL 137 Computers, Minds and Logic
18 points 0.1500 EFTS
Not Offered in 2009

PHIL 138 Truth and Reason
18 points 0.1500 EFTS
Thinking rationally involves many skills. This course will help students acquire and develop those skills.
R: PHIL 132 (prior to 2006), PHIL 134/MATH 134
PHIL138-09S1 (C) Semester 1

PHIL 139 Ethics, Politics and Justice
18 points 0.1500 EFTS
Do we always act selfishly? Should euthanasia be allowed? Should capital punishment be re-introduced? Is war ever morally justified? Do we have a moral obligation to obey the law? Is democracy the only legitimate type of government in the world? How much freedom should people have? Is government censorship justified? Should wealth be redistributed more equally? Is taxation legalised theft? Does morality have a rational basis, or is it just a matter of taste, personal opinion, or culture? Are moral beliefs dependent on religion? Can science give us the answers? This course introduces students to moral and political philosophy by examining arguments on these issues and more.
R: PHIL 136
PHIL139-09S2 (C) Semester 2

PHIL 141 Classical Concepts of Beauty
18 points 0.1500 EFTS
An introductory examination of theories of art and reality in ancient Athens.
R: PHIL 140, ARTT 101, CLAS 141
EQ: CLAS 141
PHIL141-09S1 (C) Semester 1

PHIL 145 Political and Social Philosophy
18 points 0.1500 EFTS

Not Offered in 2009

The course will have two interconnected parts: social and political. The first of these will explore the basic concepts of autonomy, coercion, natural law, human rights, and freedom - including freedom of speech. The second part will begin with an analysis of Plato's Republic. The theoretical concepts explored will include Karl Popper's response to Plato and fascism, republicanism and civil values, utopias, communism, anarchism, conservatism, and liberalism.

R: POLS 106
EQ: POLS 106

PHIL 208 Logic A
22 points 0.1833 EFTS

An introduction to the core ideas of logic.

P: Any 18 points in Philosophy or Mathematics or Computer Science or Linguistics.
R: PHIL 225, PHIL 246, PHIL 346, PHIL 308, MATH 208, MATH 308

PHIL208-09S1 (C) **Semester 1**

PHIL 209 Logic B
22 points 0.1833 EFTS

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: PHIL 208
R: PHIL 225, PHIL 247, PHIL 347, PHIL 309, MATH 209, MATH 309
EQ: MATH 209

PHIL209-09S2 (C) **Semester 2**

PHIL 223 Special Topic
22 points 0.1833 EFTS

The methodological and conceptual foundations of theoretical and experimental science.

P: 18 points in PHIL, or B average in 72 points of appropriate courses with approval of the Head of School.
R: EDUC 631, HAPS 401 and PHIL 323

PHIL223-09S1 (C) **Semester 1**

PHIL 224 Greek Philosophy
22 points 0.1833 EFTS

Historical and analytical introduction to the philosophy of Plato and Aristotle.

P: 18 points in PHIL, or B average in 72 points of appropriate courses wih approval of the Programme Director.
R: CLAS 224, CLAS 324
EQ: CLAS 224

PHIL224-09S2 (C) **Semester 2**

PHIL 227 Philosophy of Art
22 points 0.1833 EFTS

Not Offered in 2009

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 18 points in Philosophy. Students without this prerequisite but with at least a B average in 72 points in appropriate courses may be admitted with approval of the Head of School.
R: ARTT 203 and PHIL 322

PHIL 229 Philosophy of Religion: Rationality, Science, and the God Hypothesis
22 points 0.1833 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 18 points in Philosophy or Religious Studies. Students without this prerequisite but with at least 72 points in appropriate subjects may be admitted with the approval of the Head of School.
R: RELS 210, PHIL 318
EQ: RELS 210

PHIL229-09S1 (C) **Semester 1**

PHIL 233 Epistemology and Metaphysics
22 points 0.1833 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: 18 points in PHIL or B average in 72 points of appropriate courses with approval of the Head of School.

PHIL233-09S1 (C) **Semester 1**

PHIL 235 Cyberspace, Cyborgs, and the Meaning of Life

22 points 0.1833 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? 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 18 points in Philosophy or Mathematics or Computer Science; or a B average in 72 points of appropriate courses with approval of the Head of School.

PHIL235-09S2 (C) **Semester 2**

PHIL 236 Ethics

22 points 0.1833 EFTS

Theoretical problems in contemporary ethics.

P: 18 points in PHIL or B average in 72 points of appropriate courses with approval of the Programme Director.
R: PHIL 321

PHIL236-09S1 (C) **Semester 1**

PHIL 238 Cognitive Science

22 points 0.1833 EFTS

A philosophical introduction to Cognitive Science, including psychological, computational, and biological perspectives.

P: 18 points in PHIL, or 18 points in an appropriate science subject with the approval of the PHIL Programme Director.

PHIL238-09S2 (C) **Semester 2**

PHIL 239 Political Theory: History of Political Thought

22 points 0.1833 EFTS

This course is an introduction to the history of political thought. 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: 18 points in POLS at 100 level for one course; 36 points in POLS at 100 level for two or more courses or 36 points in HIST or 18 points in PHIL. Students not meeting the prerequisites but with at least a B average in 72 points in appropriate courses may be admitted to take Political Science courses at the 200 level with the approval of the HOD.
R: POLS 201
EQ: POLS 201

PHIL239-09S1 (C) **Semester 1**

PHIL 240 Bioethics

22 points 0.1833 EFTS

Not Offered in 2009

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: 18 points in PHIL or a B average in 72 points in relevant subjects, (eg PAMS, ZOOL, POLS, ECON, SPTH, LAWS, CMDS) as approved by the Head of School.
R: PHIL 324

PHIL 241 Special Topic

22 points 0.1833 EFTS

P: 18 points in PHIL, or B average in 72 points of relevant courses (eg BIOL, PAMS, ZOOL, POLS, ECON, SPTH, LAWS, CMDS) with approval of the Head of School.

PHIL241-09S2 (C) **Semester 2**

PHIL 251 Semantics

22 points 0.1833 EFTS

Not Offered in 2009

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. We also review central issues in pragmatics and the importance of implicature.

P: ENGL 123 or ENGL 112, or 18 points in PHIL, or 18 points in LING
R: LING 202
EQ: LING 202

PHIL 305 Philosophical Logic

28 points 0.2333 EFTS

This course rapidly surveys a wide range of bizarre arguments, paradoxes and brain-twisters drawn from all corners of philosophy.

P: Any 22 points at 200 level in Philosophy or Mathematics or Computer Science courses as approved by the Head of School.
R: PHIL 315

PHIL305-09S2 (C) **Semester 2**

PHIL 308 Logic A

28 points 0.2333 EFTS

An introduction to the core ideas of logic.

P: Any 22 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

PHIL308-09S1 (C) **Semester 1**

PHIL 309 Logic B

28 points 0.2333 EFTS

This course covers Hilbert-style and natural-deduction style (including sequent calculus) proof systems for proposi-

tional logic, and natural-deduction style proof system for predicate logic, both classical and constructive.

P: Any 22 points at 200 level in Philosophy or Mathematics or Computer Science
R: PHIL 225, PHIL 247, PHIL 347, PHIL 209, MATH 209, MATH 309
EQ: MATH 309

PHIL309-09S2 (C) **Semester 2**

PHIL 310 History of Philosophy

28 points 0.2333 EFTS

Via a study of the works of chiefly Descartes, Locke, Berkeley and Hume, we critically consider some watershed developments toward the creation of analytic philosophy. We sample the vast intellectual transformation that unfolded in seventeenth and eighteenth century Europe and the relationship this had both to the ignition of natural science and to the social and political transformations also unfolding. The course equips students with an ability to both appreciate and criticise whole philosophies wrought by time-tested geniuses of past times, compare these philosophies and in the process learn about rationalism and empiricism, the synthetic versus the analytic orientation in philosophy, the relationship of modern to ancient philosophy, the historical interconnection of science and philosophy, the significance of philosophy for social transformation, and various conceptions of the relationships between epistemology, metaphysics and moral philosophy.

P: 62 points in PHIL, at least 44 at 200 level

PHIL310-09S1 (C) **Semester 1**

PHIL 311 Recent and Contemporary Philosophy

28 points 0.2333 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: 62 points in PHIL, at least 44 at 200 level.
R: PHIL 464 (from 2006)

PHIL311-09S2 (C) **Semester 2**

PHIL 314 Greek Philosophy

28 points 0.2333 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: 62 points in PHIL, at least 44 at 200 level including PHIL 233 (INCO 219 may be substituted for any SEE ABOVE PHIL course except PHIL 233).
R: PHIL 224, CLAS 224, CLAS 324
EQ: CLAS 324

PHIL314-09S2 (C) **Semester 2**

PHIL 317 Contemporary Political Philosophy

28 points 0.2333 EFTS

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; Taxation and incentives; Moral limits of the market; Universal basic income; Market socialism.

P: PHIL 236 or POLS 201 or PHIL 239 or B average in 66 points above 100 level in relevant subjects (e.g. PHIL, POLS, ECON, MSCI, LAWS, or SOCI) with approval of the Programme Director.
R: POLS 301
EQ: POLS 301

PHIL317-09S2 (C) **Semester 2**

PHIL 318 Philosophy of Religion: Rationality, Science and the God Hypothesis

28 points 0.2333 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: 62 points in PHIL, at least 44 at 200 level, with approval of the Head of School.
R: RELS 210 and PHIL 229

PHIL318-09S1 (C) **Semester 1**

PHIL 320 Special Topic

28 points 0.2333 EFTS

P: 62 points in Philosophy, at least 44 at 200 level with approval of the Head of School.
R: HLTH 407

PHIL320-09S1 (C) **Semester 1**

PHIL 321 Special Topic: Ethics
28 points 0.2333 EFTS

Theoretical problems in contemporary ethics.

P: 62 points in Philosophy, at least 44 at 200 level, with approval of the Head of School.

PHIL321-09S1 (C) **Semester 1**

PHIL 323 Special Topic
28 points 0.2333 EFTS

P: (1) 62 points in Philosophy, at least 44 at 200 level; (2) Approval of the Head of School.

PHIL323-09S1 (C) **Semester 1**

PHIL 324 Special Topic: Bioethics A
28 points 0.2333 EFTS

Not Offered in 2009

P: 62 points in PHIL, at least 44 at 200 level, with approval of Programme Co-ordinator.

R: PHIL 240

PHIL 325 Special Topic: Bioethics B
28 points 0.2333 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, emergency situations, and public health and resource allocation.

P: 62 points in Philosophy, at least 44 at 200 level and permission from the Programme Director.

R: HLTH 407, PHIL 434 (from 2008)

PHIL325-09S2 (C) **Semester 2**

PHIL 326 Independent Course of Study
28 points 0.2333 EFTS

P: 62 points in Philosophy, at least 44 at 200 level and permission from the Programme Director.

PHIL326-09S1 (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.

PHIL 431 History of Philosophy
0.1250 EFTS

P: Subject to approval of the Programme Director for Philosophy.

PHIL431-09S1 (C) **Semester 1**

PHIL 433 Moral Philosophy
0.1250 EFTS

Medical Ethics

P: Subject to approval of the Programme Director for Philosophy.

R: HLTH 407

PHIL433-09S1 (C) **Semester 1**

PHIL 434 Moral Philosophy and the Health Sciences
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, emergency situations, and public health and resource allocation.

P: Subject to approval of the Programme Director for Philosophy.

R: HLTH 407

PHIL434-09S2 (C) **Semester 2**

PHIL 439 Formal Logic
0.1250 EFTS

Not Offered in 2009

P: Subject to approval of the Programme Director 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.

P: Subject to approval of the Programme Director for Philosophy.

R: PHIL 305

PHIL444-09S2 (C) **Semester 2**

PHIL 445 Philosophy of Art
0.1250 EFTS

Not Offered in 2009

P: Subject to approval of the Programme Director for Philosophy.

PHIL 447 Political Philosophy
0.1250 EFTS

Not Offered in 2009

P: Subject to approval of the Programme Director for Philosophy.

PHIL 449 Philosophy of Language
0.1250 EFTS

Not Offered in 2009

P: Subject to approval of the Programme Director for Philosophy.

PHIL 454 Cognitive Science
0.1250 EFTS

Philosophical themes in Cognitive Science.

P: Subject to approval of the Programme Director for Philosophy.

R: PSYC 426

PHIL454-09S2 (C) **Semester 2**

Please check www.canterbury.ac.nz/courses for the latest course information.

PHIL 455 Philosophy of Science A

0.1250 EFTS

Not Offered in 2009

P: Subject to approval of the Programme Director for Philosophy.

PHIL 456 Philosophy of Science

0.1250 EFTS

Not Offered in 2009

P: Subject to approval of the Programme Director for Philosophy.

PHIL 458 Philosophy of Mathematics

0.1250 EFTS

P: Subject to approval of the Programme Director for Philosophy.

PHIL458-09S2 (C) **Semester 2**

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 Director for Philosophy.

R: PHIL 311 (from 2006), PHIL 463 (2006 & earlier)

PHIL464-09S2 (C) **Semester 2**

PHIL 467 Philosophical Topics in Science

0.1250 EFTS

Not Offered in 2009

P: Subject to approval of the Programme Director for Philosophy.

PHIL 469 Special Topic

0.1250 EFTS

P: Subject to approval of the Programme Director for Philosophy.

PHIL469-09S1 (C) **Semester 1**

PHIL 470 Special Topic: Graduate Seminar A

0.1250 EFTS

P: Subject to approval of the Programme Director for Philosophy.

PHIL470-09S1 (C) **Semester 1**

PHIL 471 Special Topic: Graduate Seminar B

0.1250 EFTS

P: Subject to approval of the Programme Director for Philosophy.

PHIL471-09S2 (C) **Semester 2**

PHIL 472 Special Topic

0.1250 EFTS

P: Subject to approval of the Programme Director for Philosophy.

PHIL472-09S2 (C) **Semester 2**

PHIL 474 Bioethics

0.1250 EFTS

Not Offered in 2009

P: Subject to approval of the Programme Director for Philosophy.

PHIL 480 Research Essay

0.2500 EFTS

P: Subject to approval of the Programme Director for Philosophy.

R: PHIL 481; PHIL 485

PHIL480-09W (C) **Whole Year (S1 and S2)**

PHIL480-09CY (C) **Cross Year**

PHIL 482 Research Essay A

0.1250 EFTS

P: Subject to approval of the Programme Director for Philosophy.

R: PHIL 481; PHIL 485; PHIL 480

PHIL482-09S2 (C) **Semester 2**

PHIL 483 Research Essay B

0.1250 EFTS

P: Subject to approval of the Programme Director for Philosophy.

R: PHIL 481; PHIL 485; PHIL 480

PHIL483-09S1 (C) **Semester 1**

PHIL 690 MA Thesis

1.0000 EFTS

P: Subject to approval of the Programme Director for Philosophy.

PHIL690-09A (C) **Starts Anytime**

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

PHIL 695 MSc Thesis

1.0000 EFTS

P: Subject to approval of the Programme Director for Philosophy.

PHIL695-09A (C) **Starts Anytime**

PHIL 790 Philosophy PhD
1.0000 EFTS
P: Subject to approval of the Programme Director for Philosophy.
PHIL790-09A (C) Starts Anytime
Note: Part-time enrolment (0.65 EFTS) is available on approval.
**From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Photography

College of Arts

PHOT 201 Photography
81 points 0.6750 EFTS
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
PHOT201-09W (C) Whole Year (S1 and S2)
Note: Limited entry. See limitation of entry regulations.

PHOT 301 Photography
81 points 0.6750 EFTS
This course explores photography as a device for communicating information, ideas and personal insights.
P: (1) PHOT 201, (2) 36 points at 100 level in ARTH, and (3) 22 points at 200 level in ARTH.
PHOT301-09W (C) Whole Year (S1 and S2)
Note: Limited entry. See limitation of entry regulations.

PHOT 401 Photography
81 points 0.6750 EFTS
The study of conceptual developments and the practice of photography through an approved and supervised programme.
P: PHOT 301
PHOT401-09W (C) Whole Year (S1 and S2)
Note: 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.
PHOT501-09W (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.
PHOT550-09W (C) Whole Year (S1 and S2)

PHOT 601 Photography
1.0000 EFTS
P: Subject to approval of the Head of Department.
PHOT601-09A (C) Starts Anytime

PHOT 602 Photography
0.5000 EFTS
P: Subject to approval of the Head of Department.
PHOT602-09W (C) Whole Year (S1 and S2)

Physics

Department of Physics and Astronomy

PHYS 106 Physics for Biological and Earth Sciences
18 points 0.1500 EFTS
Not Offered in 2009
Topics from elementary physics selected as particularly relevant to the life and earth sciences and to an understanding of our environment.
R: PHYS 111

PHYS 109 The Cosmos: Birth and Evolution
18 points 0.1500 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
PHYS109-09S2 (C) Semester 2

PHYS 111 Introductory Physics for Physical Sciences and Engineering
18 points 0.1500 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 112, PHYS 113, PHYS 114, PHYS 115, or PHYS 116 cannot subsequently be credited with PHYS 111.
PHYS111-09S1 (C) Semester 1

PHYS 113 Waves, Thermodynamics and Materials

18 points 0.1500 EFTS

Conservation laws in mechanics, gravity and orbits, waves, sound, mechanical and thermal properties of matter, thermodynamics, geometrical and wave optics, relativity.

P: PHYS 111, or PHYS 106, 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 112

PHYS113-09S1 (C) **Semester 1**

PHYS113-09S2 (C) **Semester 2**

PHYS 114 Electrical and Quantum Physics

18 points 0.1500 EFTS

Electrostatics, dielectrics, D.C. circuits, magnetic fields, induction, A.C. circuits, introductory quantum physics, conduction in solids, semiconductors, transistors, radioactivity, elementary particles.

P: (1) PHYS 113; or (2) 18 credits NCEA Level 3 Physics and 18 Credits NCEA Level 3 Mathematics with Calculus. These prerequisites may be replaced by other background as approved by the Head of Department.
R: PHYS 115, PHYS 116 (prior to 2006)

PHYS114-09S2 (C) **Semester 2**

PHYS 221 Waves, Optics and Circuits

11 points 0.0917 EFTS

A coherent treatment of wave oscillations in physical systems using differential equations and complex numbers; properties of electromagnetic, mechanical and acoustic waves.

P: (1) PHYS 113; (2) PHYS 114; (3) MATH 108. These prerequisites may be replaced by a high level of achievement in Level 3 NCEA Physics and Mathematics with Calculus or other background as approved by the Head of Department.
RP: MATH 109

PHYS221-09S1 (C) **Semester 1**

PHYS 222 Quantum Physics

11 points 0.0917 EFTS

An 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 elementary particles.

P: (1) PHYS 113; (2) PHYS 114; (3) MATH 108. These prerequisites may be replaced by a high level of achievement in Level 3 NCEA Physics and Mathematics with Calculus or other background as approved by the HOD.
RP: MATH 109.

PHYS222-09S2 (C) **Semester 2**

PHYS 223 Newtonian and Relativistic Mechanics

11 points 0.0917 EFTS

Application of Newton's laws to two- and three-dimensional motion; the parallel development of relativistic mechanics and classical Newtonian mechanics, establishing the latter as the low-energy limit.

P: (1) PHYS 113; (2) PHYS 114; (3) MATH 108. These prerequisites may be replaced by a high level of achievement in Level 3 NCEA Physics and Mathematics with Calculus or other background as approved by the HOD.
RP: MATH 109.

PHYS223-09S1 (C) **Semester 1**

PHYS 224 Electricity and Magnetism

11 points 0.0917 EFTS

The treatment of electricity and magnetism from observed phenomena through to the Maxwell equations in integral form; magnetic and dielectric properties of materials.

P: (1) PHYS 113; (2) PHYS 114; (3) MATH 108. These prerequisites may be replaced by a high level of achievement in Level 3 NCEA Physics and Mathematics with Calculus or other background as approved by the Head of Department.
RP: MATH 109.

PHYS224-09S2 (C) **Semester 2**

PHYS 225 Analogue Electronics

11 points 0.0917 EFTS

Construction and investigation of the characteristics of electronic devices in the laboratory, based on development of the theoretical operating principles of these devices.

P: (1) PHYS 113 and PHYS 114; and (2) MATH 108. These prerequisites may be replaced by a high level of achievement in NCEA Level 3 Physics and Mathematics with Calculus or another equivalent background, as approved by the Head of Department of Physics and Astronomy.
R: ELEC 225
EQ: ELEC 225
RP: MATH 109 and COSC 122

PHYS225-09S2 (C) **Semester 2**

PHYS 226 Digital Electronics

11 points 0.0917 EFTS

An introduction to computer architecture. This involves study of the data types supported by hardware, and of the instructions provided by the hardware. Writing programs using an assembly language is then studied. Descriptions of analogue to digital conversion and digital to analogue conversion are also discussed.

P: (1) Either PHYS 113 and PHYS 114, or COSC 122; and (2) 18 points from MATH 100. 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 226
EQ: ELEC 226
RP: MATH 109 and COSC 122.

PHYS226-09S1 (C) **Semester 1**

PHYS 281 Laboratory Techniques

11 points 0.0917 EFTS

Development of techniques in experimental physics.

P: (1) PHYS 113; (2) PHYS 114; (3) 18 Points from MATH 100. These prerequisites may be replaced by a high level of achievement in NCEA Physics and Mathematics with

Calculus or other background as approved by the Head of Department.
RP: MATH 109.
PHYS281-09S1 (C) **Semester 1**

PHYS 282 Experimental Physics
11 points 0.0917 EFTS
Further techniques and applications in experimental physics.
P: PHYS 281
PHYS282-09S2 (C) **Semester 2**

PHYS 310 Thermal Statistical and Particle Physics
14 points 0.1167 EFTS
Development of statistical mechanics from thermodynamic principles. Entropy interpreted from both the thermodynamic and statistical viewpoint. Applications in nuclear and particle physics including radioactivity.
P: (1) 22 points from PHYS 221-PHYS 224; (2) MATH 109 or equivalent.
PHYS310-09S1 (C) **Semester 1**

PHYS 311 Quantum Mechanics
14 points 0.1167 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 222; (2) MATH 109 or equivalent.
PHYS311-09S1 (C) **Semester 1**

PHYS 312 Applied Electromagnetism
14 points 0.1167 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 224; (2) MATH 109 or equivalent.
R: ELEC 312
EQ: ELEC 312
PHYS312-09S2 (C) **Semester 2**

PHYS 314 Condensed Matter Physics
14 points 0.1167 EFTS
The structure of solids and methods of determination; the dynamic and electrical conduction properties of solids, including superconductivity.
P: (1) PHYS 222; (2) MATH 109 or equivalent.
PHYS314-09S2 (C) **Semester 2**

PHYS 316 Geophysical Fluid Dynamics
14 points 0.1167 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) PHYS 223 or PHYS 221; (2) MATH 109 or equivalent.
PHYS316-09S1 (C) **Semester 1**

PHYS 318 Computational Physics
14 points 0.1167 EFTS
Not Offered in 2009
A project-oriented introduction to the application of modern computational techniques (using computer packages such as Matlab, Maple and Mathematica) to real physical problems.
P: (1) 22 points from PHYS 221-PHYS 224; (2) MATH 109 or equivalent.

PHYS 321 Techniques in Observational Astronomy
14 points 0.1167 EFTS
Not Offered in 2009
Stellar spectroscopy; stellar photometry.
P: (1) 22 points from PHYS 221-PHYS 224, ASTR 211, ASTR 212. (2) MATH 109 or equivalent
R: ASTR 321
EQ: ASTR 321
Note: Offered in even-numbered years.

PHYS 322 Theoretical and Observational Cosmology
14 points 0.1167 EFTS
The nature, origin and evolution of the universe.
P: (1) 33 Points from PHYS 221-224, PHYS 310; (2) MATH 109 or equivalent
R: ASTR 322
EQ: ASTR 322
PHYS322-09S1 (C) **Semester 1**

PHYS 323 Stellar Structure and Evolution
14 points 0.1167 EFTS
The physics governing stellar structure, a descriptive approach to stellar evolution, and related topics.
P: (1) 22 points from PHYS 221-PHYS 224, ASTR 211, ASTR 212; (2) MATH 109 or equivalent.
R: ASTR 323
EQ: ASTR 323
PHYS323-09S2 (C) **Semester 2**
Note: Offered in odd-numbered years.

PHYS 326 Classical Mechanics and Symmetry Principles
14 points 0.1167 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 relatively, particle physics and statistical mechanics.
P: PHYS 223 and MATH 261 or MATH 264
PHYS326-09S2 (C) **Semester 2**

PHYS 327 Special Topic
14 points 0.1167 EFTS
P: (1) HOD approval; (2) MATH 109 or equivalent.
PHYS327-09S1 (C) **Semester 1**

PHYS 328 Special Topic
14 points 0.1167 EFTS
P: (1) HOD approval; (2) MATH 109 or equivalent.
PHYS328-09S2 (C) **Semester 2**

PHYS 329 Special Topic
14 points 0.1167 EFTS
P: (1) HOD approval; (2) MATH 109 or equivalent.
PHYS329-09S1 (C) **Semester 1**

PHYS 381 Advanced Experimental Physics and Astronomy
14 points 0.1167 EFTS
Execution and write-up of selected laboratory experiments.
P: (1) (PHYS 281 and PHYS 282 or PHYS 283) and 22 points from PHYS 221-226; (2) MATH 109 or equivalent
R: ASTR 381
EQ: ASTR 381
PHYS381-09S1 (C) **Semester 1**
Note: This course is normally taken in Semester 2. Entry for SU2 or S1 will only be granted by the HOD in exceptional circumstances.
PHYS381-09S2 (C) **Semester 2**
Note: 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
14 points 0.1167 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 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
PHYS391-09S1 (C) **Semester 1**
Note: (1) Cannot be credited to the 56 points at 300 level PHYS required for a PHYS major. (2) Comprises 150 hours Research Practice.
PHYS391-09S2 (C) **Semester 2**
Note: (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 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: MDPH 403
EQ: MDPH 403
PHYS403-09S1 (C) **Semester 1**

PHYS 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: MDPH 406
EQ: MDPH 406
PHYS406-09S2 (C) **Semester 2**

PHYS 407 Research Tools
0.1250 EFTS
MatLab, contextual statistics, Monte Carlo, treatment planning.
P: Subject to approval of the Head of Department.
PHYS407-09S1 (C) **Semester 1**

PHYS 411 Advanced Quantum Mechanics
0.1250 EFTS
P: Subject to approval of the Head of Department
PHYS411-09S1 (C) **Semester 1**

PHYS 412 Advanced Condensed Matter Physics
0.1250 EFTS
P: Subject to approval of the Head of Department.
PHYS412-09S1 (C) **Semester 1**

PHYS 413 Laser Physics and Modern Optics
0.1250 EFTS
P: Subject to approval of the Head of Department.
PHYS413-09S2 (C) **Semester 2**

PHYS 414 Relativistic Electrodynamics and Quantum Mechanics
0.1250 EFTS
P: Subject to approval of the Head of Department.
PHYS414-09S1 (C) **Semester 1**

PHYS 415 General Relativity
0.1250 EFTS
P: Subject to approval of the Head of Department.
PHYS415-09S2 (C) **Semester 2**

PHYS 416 Quantum Field Theory
0.1250 EFTS
P: Subject to approval of the Head of Department.
PHYS416-09S2 (C) **Semester 2**

PHYS 417 Atmospheric Remote Sensing
0.1250 EFTS
P: Subject to approval of the Head of Department.
PHYS417-09S1 (C) **Semester 1**

PHYS 418 Physics of Atmospheres
0.1250 EFTS
P: Subject to approval of the Head of Department.
PHYS418-09S2 (C) **Semester 2**

PHYS 420 Special Topic
0.1670 EFTS
P: Subject to approval of the Head of Department.
PHYS420-09S1 (C) **Semester 1**

PHYS 421 Special Topic
0.1250 EFTS
P: Subject to approval of the Head of Department.
PHYS421-09S1 (C) **Semester 1**

PHYS 422 Theoretical and Observational Cosmology
0.1250 EFTS
P: Subject to approval of the Head of Department.
R: ASTR 422
EQ: ASTR 422
PHYS422-09S1 (C) **Semester 1**

PHYS 423 Special Topic
0.1250 EFTS
Not Offered in 2009
P: Subject to approval of the Head of Department.

PHYS 424 Radiative Transfer Processes in Astronomy
0.1250 EFTS
P: Subject to approval of the Head of Department.
R: ASTR 424
EQ: ASTR 424
PHYS424-09S2 (C) **Semester 2**

PHYS 426 Special Topic
0.1250 EFTS
P: Subject to approval of the Head of Department.
PHYS426-09S2 (C) **Semester 2**

PHYS 427 Special Topic
0.1250 EFTS
P: Subject to approval of the Head of Department.
PHYS427-09S2 (C) **Semester 2**

PHYS 441 Quantum Mechanics
0.1250 EFTS
P: Subject to approval of the Head of Department.
PHYS441-09S1 (C) **Semester 1**

PHYS 442 Applied Electromagnetism
0.1250 EFTS
P: Subject to approval of the Head of Department.
PHYS442-09S2 (C) **Semester 2**

PHYS 444 Condensed Matter Physics
0.1250 EFTS
P: Subject to approval of the Head of Department.
PHYS444-09S2 (C) **Semester 2**

PHYS 446 Geophysical Fluid Dynamics
0.1250 EFTS
P: Subject to approval of the Head of Department.
PHYS446-09S1 (C) **Semester 1**

PHYS 448 Computational Physics
0.1250 EFTS
Not Offered in 2009
P: Subject to approval of the Head of Department.

PHYS 449 Electronics Design
0.1250 EFTS
P: Subject to approval of the Head of Department.
PHYS449-09S1 (C) **Semester 1**

PHYS 456 Classical Mechanics
0.1250 EFTS
P: Subject to approval of the Head of Department.
PHYS456-09S2 (C) **Semester 2**

PHYS 480 Physics Research Project
0.3750 EFTS
P: Subject to approval of the Head of Department.
PHYS480-09S1 (C) **Semester 1**
PHYS480-09A (C) **Starts Anytime**

PHYS 493 Research Project
0.1250 EFTS
P: Subject to approval of the Head of Department.
PHYS493-09S1 (C) **Semester 1**
PHYS493-09S2 (C) **Semester 2**

PHYS 494 Independent Course of Study
0.1250 EFTS
Not Offered in 2009
P: Subject to approval of the Head of Department

Please check www.canterbury.ac.nz/courses for the latest course information.

PHYS 495 Introduction to Physics Education Research

0.1250 EFTS

This courses develops knowledge of research into teaching and learning as applied particularly to first-year level Physics. It reviews modern literature on Physics Education research. Students will combine knowledge gained in this course with their own experience in running tutorials and laboratories to develop plans for improved learning in those areas.

P: Subject to permission of Head of Department.

PHYS495-09S1 (C) **Semester 1**

Note: Cannot be credited to a postgraduate degree.

PHYS 690 MSc Thesis

1.0000 EFTS

P: Subject to approval of the Head of Department.

PHYS690-09A (C) **Starts Anytime**

Note: 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.

PHYS790-09A (C) **Starts Anytime**

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

**From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Plant Biology

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 BIOL401-493 (refer to degree schedule).

P: Subject to approval of Head of School

PBIO480-09W (C) **Whole Year (S1 and S2)**

PBIO 690 MSc Thesis

1.0000 EFTS

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

PBIO690-09A (C) **Starts Anytime**

Note: 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.

PBIO790-09A (C) **Starts Anytime**

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

**From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Political Science

College of Arts

POLS 102 Introduction to Political Science

18 points 0.1500 EFTS

This course is an introduction to the methods and concepts of political science.

R: POLS 101

POLS102-09S1 (C) **Semester 1**

POLS 103 Introduction to New Zealand Politics

18 points 0.1500 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.

R: POLS 101

POLS103-09S1 (C) **Semester 1**

POLS 104 Introduction to International Politics

18 points 0.1500 EFTS

An introduction to international relations as if people mattered. Will focus on the international distribution of resources, armed conflict and perceptions of international relations.

POLS104-09S2 (C) **Semester 2**

POLS 105 Introduction to World Politics

18 points 0.1500 EFTS

This introduction to the field of World Politics pays particular attention to the emergence of democracy, dictatorship and development in cases drawn from the Americas and Europe.

POLS105-09S2 (C) **Semester 2**

POLS 106 Political and Social Philosophy

18 points 0.1500 EFTS

The course will have two interconnected parts: social and political. The first of these will explore the basic concepts of autonomy, coercion, natural law, human rights, and freedom - including freedom of speech. The second part will begin with an analysis of Plato's Republic. The theoretical concepts explored will include Karl Popper's response to

Plato and fascism, republicanism and civil values, utopias, communism, anarchism, conservatism, and liberalism.

R: PHIL 145

EQ: PHIL 145

POLS106-09S1 (C) **Semester 1**

POLS 201 Political Theory: History of Political Thought

22 points 0.1833 EFTS

This course is an introduction to the history of political thought. 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: 18 points in POLS at 100 level for one course; 36 points in POLS at 100 level for two or more courses or 36 points in HIST or 18 points in PHIL. Students not meeting the prerequisites but with at least a B average in 72 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

POLS201-09S1 (C) **Semester 1**

POLS 202 International Politics: Human Dimensions

22 points 0.1833 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: 18 points in POLS at 100 level for one course; 36 points in POLS at 100 level for two or more courses. Students not meeting the prerequisites but with at least a B average in 72 points in appropriate courses may be admitted to take Political Science courses at the 200 level with the approval of the Programme Director.

POLS202-09S1 (C) **Semester 1**

POLS 203 World Politics: Islamic Societies

22 points 0.1833 EFTS

Consequences of socio-economic and political change in selected Islamic states.

P: 18 points in POLS at 100 level for one course; 36 points in POLS at 100 level for two or more courses. Students not meeting the prerequisites but with at least a B average in 72 points in appropriate courses may be admitted to take Political Science courses at the 200 level with the approval of the Programme Director.

POLS203-09S1 (C) **Semester 1**

POLS 205 World Politics: American Politics

22 points 0.1833 EFTS

This course provides an introduction to contemporary American politics (since 1960), with special reference to national security and intelligence policy. Topics include the 1960s and the Vietnam War, Presidential-Congressional relations, the Central Intelligence Agency, and the War on Terror.

P: 18 points in POLS at 100 level for one course; 36 points in POLS at 100 level for two or more courses. Students not meeting the prerequisites but with at least a B average in 72 points in appropriate courses may be admitted to take Political Science courses at the 200 level with the approval of the Programme Director.

POLS205-09S1 (C) **Semester 1**

POLS 206 Public Policy: An Introduction

22 points 0.1833 EFTS

This course will investigate theories and examples of public policy-making with special reference to economic policy-making in Australia and New Zealand.

P: 18 points in POLS at 100 level for one course; 36 points in POLS at 100 level for two or more courses. Students not meeting the prerequisites but with at least a B average in 72 points in appropriate courses may be admitted to take Political Science courses at the 200 level with the approval of the Programme Director.

POLS206-09S1 (C) **Semester 1**

POLS 207 Democracy, Technology and Power

22 points 0.1833 EFTS

This course investigates the different meanings and practices of democracy, the impacts of technology on democracy, and the prospects of democratising technology.

P: 18 points in POLS at 100 level for one course; 36 points in POLS at 100 level for two or more courses. Students not meeting the prerequisites but with at least a B average in 72 points in appropriate courses may be admitted to take Political Science courses at the 200 level with the approval of the Programme Director.

POLS207-09S2 (C) **Semester 2**

POLS 208 World Politics: Government in Modern Europe

22 points 0.1833 EFTS

Introduction to the politics and political systems of Western Europe.

P: 18 points in POLS at 100 level for one course; 36 points in POLS at 100 level for two or more courses. Students not meeting the prerequisites but with at least a B average in 72 points in appropriate courses may be admitted to take Political Science courses at the 200 level with the approval of the Programme Director.

POLS208-09S2 (C) **Semester 2**

POLS 209 Special Topic: Local Government, Politics and Elections

22 points 0.1833 EFTS

This course examines aspects of community politics in New Zealand, particularly local government. Topics covered include local democracy, the structure and purpose of local government, the electoral process, representation and political groupings, and the relationships between local and central government, interest groups and other participants in the political process.

P: 18 points at 100 level for one course; 36 points in POLS at 100 level for two or more courses. Students not meeting the prerequisites but with at least a B average in 72 points in appropriate courses may be admitted to take Political Science courses at the 200 level with the approval of the Programme Director.

POLS209-09S2 (C) **Semester 2**

POLS 210 World Politics: Nationalism, Democracy and Political Participation - Lessons from South East Asia

22 points 0.1833 EFTS

This course provides an introduction to some of the basic concepts and theories of comparative politics. It also serves as an introduction to the history and politics of Southeast Asia.

P: 18 points in POLS at 100 level for one course; 36 points in POLS at 100 level for two or more courses. Students not meeting the prerequisites but with at least a B average in 72 points in appropriate courses may be admitted to take Political Science courses at the 200 level with the approval of the Program Director.

POLS210-09S2 (C) **Semester 2**

POLS 211 World Politics: Politics of Modern China: From Mao to Now

22 points 0.1833 EFTS

This course offers an introduction to the politics of contemporary China

P: 18 points in POLS at 100 level for one course; 36 points in POLS at 100 level for two or more courses. Students not meeting the prerequisites but with at least a B average in 72 points in appropriate courses may be admitted to take Political Science courses at the 200 level with the approval of the Programme Director.

POLS211-09S1 (C) **Semester 1**

POLS 212 International Politics: Issues and Theories in International Relations

22 points 0.1833 EFTS

This course is designed to explore current theories and controversies in international relations. The emphasis will be on the behaviour of states and other actors in the contemporary arena.

P: 18 points in POLS at 100 level for one course; 36 points in POLS at 100 level for two or more courses. Students not meeting the prerequisites but with at least a B average in 72 points in appropriate courses may be admitted to take Political Science courses at the 200 level with the approval of the Programme Director.

POLS212-09S2 (C) **Semester 2**

POLS 213 Special Topic

22 points 0.1833 EFTS

Not Offered in 2009

P: 18 points in POLS at 100 level for one course; 36 points in POLS at 100 level for two or more courses. Students not meeting the prerequisites but with at least a B average in 72 points in appropriate courses may be admitted to take Political Science courses at the 200 level with the approval of the Program Director.

R: INCO 122, INCO 222

POLS 214 World Politics: Australia, New Zealand and South Pacific

22 points 0.1833 EFTS

A comparative analysis of the politics of New Zealand, Australia and Pacific Island countries.

P: 18 points in POLS at 100 level for one course; 36 points in POLS at 100 level for two or more courses. Students not meeting the prerequisites but with at least a B average in 72 points in appropriate courses may be admitted to take Political Science courses at the 200 level with the approval of the Programme Director.

POLS214-09S1 (C) **Semester 1**

POLS 217 Special Topic: The Politics of Intimacy: legitimacy and government in the New Zealand state

22 points 0.1833 EFTS

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 examines the various institutions of government and society which have or will play a part in legitimating and limiting the New Zealand state. A primary focus of the course is to introduce students to a number of different methods of analysis in political science via topics such as nationalism, ethnicity, citizenship, rights, democracy, and the Treaty of Waitangi.

P: 18 points in POLS at 100 level for one course; 36 points in POLS at 100 level for two or more courses. Students not meeting the prerequisites but with at least a B average in 72 points in appropriate courses may be admitted to take Political Science courses at the 200 level with the approval of the Program Director.

POLS217-09S2 (C) **Semester 2**

POLS 218 Te Tiriti: The Treaty of Waitangi

22 points 0.1833 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 Maori 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, Maori seats, race relations, one law for all.

P: Any 18 points in Maori and Indigenous Studies or their double-coded equivalents or any 18 points in HIST or Ancient History or POLS or SOCI. Students without these prerequisites but with 72 points in appropriate courses may enter the course with the approval of the Programme Director.
R: MAOR 219, HIST 268, SOCI 209, HSRV 207
EQ: HIST 268, MAOR 219, SOCI 209, HSRV 207

POLS218-09S1 (C) **Semester 1**

POLS 219 Foreign Policy in Theory and Practice

22 points 0.1833 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: 18 points in POLS at 100-level for one course; 36 points in POLS at 100-level for two or more courses. Students not meeting the prerequisites but with at least a B average in 72 points in appropriate courses may be admitted to take Political Science courses at 200-level with the approval of the Program Director.
RP: POLS 104

POLS219-09S2 (C) **Semester 2**

POLS 223 Special Topic: Minorities in Politics in the Asia Pacific Region

22 points 0.1833 EFTS

P: 18 points in POLS 100 level for one course; 36 points in POLS at 100 level for 2 or more courses. Students not meeting the prerequisites but with at least a B average in 72 points in appropriate courses may be admitted to take Political Science courses at the 200 level with the approval of the Programme Director.

POLS223-08SU2 (C) **Summer (Nov 08)**

POLS 224 Special Topic: Which force more powerful? Violence and Non-violence in contentious political action

22 points 0.1833 EFTS

The 20th century is known as a century of violence. An insight into the multifaceted nature of political violence is thus important for understanding contemporary politics.

P: 18 points in POLS 100 level for one course; 36 points in POLS at 100 level for 2 or more courses. Students not meeting the prerequisites but with at least a B average in 72 points in appropriate courses may be admitted to take Political Science courses at the 200 level with the approval of the Program Director.

POLS224-09SU1 (C) **Summer (Jan 09)**

POLS 225 Special Topic

22 points 0.1833 EFTS

Not Offered in 2009

P: 18 points in POLS 100 level for one course; 36 points in POLS at 100 level for 2 or more courses. Students not meeting the prerequisites but with at least a B average in 72 points in appropriate courses may be admitted to take Political Science courses at the 200 level with the approval of the Program Director.

POLS 232 Media and Politics

22 points 0.1833 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: 18 points in POLS at 100 level for one course; 36 points in POLS at 100 level for two or more courses. Students not meeting this prerequisite but with at least a B pass in 72 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

POLS232-09S1 (C) **Semester 1**

POLS 301 Contemporary Political Philosophy

28 points 0.2333 EFTS

This is an advanced course in contemporary political philosophy.

P: 22 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 88 points in appropriate courses may enter the course with the approval of the Programme Director.
R: PHIL 317
EQ: PHIL 317

POLS301-09S2 (C) **Semester 2**

POLS 303 World Politics: New Zealand and Middle East

28 points 0.2333 EFTS

Major issues in the Middle East and their implications for New Zealand in terms of politics and trade, with opportunities for diplomatic role interaction.

P: 22 points at 200 level in POLS or MAOR 219 or PHIL 239. Students without 22 points at 200 level in POLS but with at least a B average in 88 points in appropriate courses may be admitted to any one POLS course at 300 level with the approval of the Programme Director. Students enrolling for more than one POLS course at 300 level must have either 44 points from POLS courses at 200 level or 22 points from a POLS course at 200 level and MAOR 219 or PHIL 239.

POLS303-09S2 (C) **Semester 2**

POLS 304 Environmental Politics and Policy

28 points 0.2333 EFTS

Not Offered in 2009

This course analyses the resource and environmental aspects of public policy.

P: 22 points at 200 level in POLS or INCO 214 or MAOR 219 or PHIL 239. Students without 22 points at 200 level in POLS but with at least a B average in 88 points in appropriate courses may be admitted to any one POLS course at 300 level with the approval of the Programme Director. Students enrolling for more than one POLS course at 300 level must have either 44 points from POLS courses at 200 level or 22 points from a POLS course at 200 level and MAOR 219 or PHIL 239.

POLS 305 Political Behaviour: Political Psychology and Culture

28 points 0.2333 EFTS

This course looks at what determines the political thoughts and behaviours of normal citizens, and how people are controlled through their minds.

P: 22 points at 200 level in POLS or MAOR 219 or PHIL 239. Students without 22 points at 200 level in POLS but with at least a B average in 80 points in appropriate courses may be admitted to any one POLS course at 300 level with the approval of the Programme Director. Students enrolling for more than one POLS course at 300 level must have either 44 points from POLS courses at 200 level or 22 points from a POLS course at 200 level and MAOR 219 or PHIL 239.

POLS305-09S1 (C) **Semester 1**

POLS 306 Research Methods

28 points 0.2333 EFTS

Not Offered in 2009

This course analyses research methods relevant to political science.

P: 22 points at 200 level in POLS or MAOR 219 or PHIL 239. Students without 22 points at 200 level in POLS but with at least a B average in 80 points in appropriate courses may be admitted to any one POLS course at 300 level with the approval of the Programme Director. Students enrolling for more than one POLS course at 300 level must have either 44 points from POLS courses at 200 level or 22 points from a POLS course at 200 level and MAOR 219 or PHIL 239.
R: COMS 301 prior to 2008

POLS 307 Policy Issues in Science and Technology

28 points 0.2333 EFTS

Not Offered in 2009

This course analyses the major political issues and problems emerging from rapid advances in biomedical policy and technology. Emphasis is on public policy issues relating to areas across the lifespan and the allocation of scarce medical resources.

P: 22 points at 200 level in POLS or MAOR 219 or PHIL 239. Students without 22 points at 200 level in POLS but with at least a B average in 80 points in appropriate courses may be admitted to any one POLS course at 300 level with the approval of the Programme Director. Students enrolling for more than one POLS course at 300 level must have either 44 points from POLS courses at 200 level or 22 points from a POLS course at 200 level and MAOR 219 or PHIL 239.

POLS 308 International Politics: New Zealand, Conflict and Pacific Politics

28 points 0.2333 EFTS

This course analyses New Zealand's defence and foreign policy as it enters the century of the Pacific.

P: 22 points at 200 level in POLS or INCO 214 or MAOR 219 or PHIL 239. Students without 22 points at 200 level in POLS but with at least a B average in 80 points in appropriate courses may be admitted to any one POLS course at 300 level with the approval of the Programme Director. Students enrolling for more than one POLS course at 300 level must have either 44 points from POLS courses at 200 level or 22 points from a POLS course at 200 level and MAOR 219 or PHIL 239.

POLS308-09S2 (C) **Semester 2**

POLS 310 International Politics: Conflict and Conflict Management

28 points 0.2333 EFTS

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: 22 points at 200 level in POLS or INCO 214 or MAOR 219 or PHIL 239. Students without 22 points at 200 level in POLS but with at least a B average in 80 points in appropriate courses may be admitted to any one POLS course at 300 level with the approval of the Programme Director. Students enrolling for more than one POLS course at 300 level must have either 44 points from POLS courses at 200 level or 22 points from a POLS course at 200 level and MAOR 219 or PHIL 239.

POLS310-09S1 (C) **Semester 1**

POLS 311 World Politics: North East Asia

28 points 0.2333 EFTS

This course analyses the contemporary politics of China, Taiwan, the two Koreas and Japan with a particular emphasis on foreign policy.

P: 22 points at 200 level in POLS or MAOR 219 or PHIL 239. Students without 22 points at 200 level in POLS but with at least a B average in 80 points in appropriate courses may be admitted to any one POLS course at 300 level with the approval of the HOD. Students enrolling for more than one POLS course at 300 level must have either 44 points from POLS courses at 200 level or 22 points from a POLS course at 200 level and MAOR 219 or PHIL 239.

POLS311-09S1 (C) **Semester 1**

POLS 312 Politics of Race and Ethnicity

28 points 0.2333 EFTS

This course will investigate how race and ethnicity have affected indigenous peoples in New Zealand, Australia, South Africa, Canada and the United States of America.

P: Any 22 points in Maori and Indigenous Studies at 200-level or their double coded equivalents or 22 points of 200-level POLS. Students without these prerequisites but

with 88 points in appropriate courses may enter the course with the approval of the HOD.
R: MAOR 324
EQ: MAOR 324
POLS312-09S1 (C) **Semester 1**

POLS 313 Critical Approaches to International Relations

28 points 0.2333 EFTS

This advanced course in international relations theory covers some of the critical challenges to the dominant schools of thought in international relations, with a particular focus on issues of sovereignty, intervention, terrorism and contemporary war.

P: 22 points at 200 level in Political Science or MAOR 219 or PHIL 239. Students without 22 points at 200 level in POLS, but with at least a B average in 72 points in appropriate courses may be admitted to any one POLS course at 300 level with the approval of the Programme Director. Students enrolling for more than one POLS course at 300 level must have either 44 points from POLS courses at 200 level or 22 points from POLS courses at 200 level and MAOR 219 or PHIL 239.

POLS313-09S2 (C) **Semester 2**

POLS 314 World Politics: Military and Society

28 points 0.2333 EFTS

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.

P: 22 points at 200 level in POLS or MAOR 219 or PHIL 239. Students without 22 points at 200 level in POLS but with at least a B average in 80 points in appropriate courses may be admitted to any one POLS course at 300 level with the approval of the HOD. Students enrolling for more than one POLS course at 300 level must have either 44 points from POLS courses at 200 level or 22 points from a POLS course at 200 level and MAOR 219 or PHIL 239.
R: ILAP 656, ILAP 688

POLS314-09S2 (C) **Semester 2**

POLS 315 World Politics: European Politics

28 points 0.2333 EFTS

An examination of political processes, behaviour and institutions in Western Europe.

P: 22 points at 200 level in POLS or MAOR 219 or PHIL 239. Students without 22 points at 200 level in POLS but with at least a B average in 80 points in appropriate courses may be admitted to any one POLS course at 300 level with the approval of the HOD. Students enrolling for more than one POLS course at 300 level must have either 44 points from POLS courses at 200 level or 22 points from a POLS course at 200 level and MAOR 219 or PHIL 239.

POLS315-09S2 (C) **Semester 2**

POLS 316 Public Management

28 points 0.2333 EFTS

Not Offered in 2009

Theories and practice of management and governance in the public sector.

P: 22 points at 200 level in POLS or MAOR 219 or PHIL 239. Students without 22 points at 200 level in POLS but with at least a B average in 88 points in appropriate courses may be admitted to any one POLS course at 300 level with the approval of the Program Director. Students enrolling for more than one POLS course at 300 level must have either 44 points from POLS courses at 200 level or 22 points from a POLS course at 200 level and MAOR 219 or PHIL 239.

POLS 317 International Politics: Peace and Security in International Relations

28 points 0.2333 EFTS

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: 22 points at 200 level in POLS or MAOR 219 or PHIL 239. Students without 22 points at 200 level in POLS but with at least a B average in 80 points in appropriate courses may be admitted to any one POLS course at 300 level with the approval of the HOD. Students enrolling for more than one POLS course at 300 level must have either 44 points from POLS courses at 200 level or 22 points from a POLS course at 200 level and MAOR 219 or PHIL 239.

POLS317-09S1 (C) **Semester 1**

POLS 318 Special Topic

28 points 0.2333 EFTS

Not Offered in 2009

P: 22 points at 200 level in Political Science or MAOR 219 or PHIL 239. Students without 22 points at 200 level in POLS, but with at least a B average in 80 points in appropriate courses may be admitted to any one POLS course at 300 level with the approval of the Programme Director. Students enrolling for more than one POLS course at 300 level must have either 44 points from POLS courses at 200 level or 22 points from POLS courses at 200 level and MAOR 219 or PHIL 239.
R: POLS 308

POLS 319 International Organizations: The United Nations and International Security

28 points 0.2333 EFTS

An advanced undergraduate course examining international security cooperation, with a focus on the United Nations Security Council

POLS319-09S1 (C) **Semester 1**

POLS 320 Special Topic: Emerging Technologies and Security

28 points 0.2333 EFTS

Not Offered in 2009

P: 22 points at 200 level in POLS or INCO 214 or MAOR 219 or PHIL 239. Students without 22 points at 200 level in POLS, but with at least a B average in 80 points in appropriate courses may be admitted to any one POLS course at 300 level with the approval of the HOD. Students enrolling for more than one POLS course at 300 level must have either 44 points from POLS courses at 200 level or 22 points from POLS courses at 200 level and MAOR 219 or PHIL 239.

POLS 321 Special Topic

28 points 0.2333 EFTS

Not Offered in 2009

P: 22 points at 200 level in POLS or INCO 214 or MAOR 219 or PHIL 239. Students without 22 points at 200 level in POLS, but with at least a B average in 80 points in appropriate courses may be admitted to any one POLS course at 300 level with the approval of the HOD. Students enrolling for more than one POLS course at 300 level must have either 44 points from POLS courses at 200 level or 22 points from POLS courses at 200 level and MAOR 219 or PHIL 239.

POLS 322 Special Topic: Coastal Communities and Climate Politics: Adaptation, Vulnerability and Resilience

28 points 0.2333 EFTS

The impacts of climate change will reshape the political and policy landscape of local, regional and central government, just as these changes are reshaping the physical landscape of coastal communities. This field based course provides a unique opportunity for students to examine the political and policy issues of 'managed retreat strategies' at local, regional and government level and to develop advanced skills for policy research.

P: 22 points at 200 level in POLS or INCO 214 or MAOR 219 or PHIL 239. Students without 22 points at 200 level in POLS, but with at least a B average in 80 points in appropriate courses may be admitted to any one POLS course at 300 level with the approval of the HOD. Students enrolling for more than one POLS course at 300 level must have either 44 points from POLS courses at 200 level or 22 points from POLS courses at 200 level and MAOR 219 or PHIL 239.

POLS322-09SU1 (C) **Summer (Jan 09)**

POLS 330 Special Topic

28 points 0.2333 EFTS

Not Offered in 2009

POLS 331 Nga Patai: Contemporary Issues in Maori and Indigenous Societies

28 points 0.2333 EFTS

Not Offered in 2009

Current political, social and cultural issues in Maori 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 – Maori Council vs Maori Congress, Tribal vs Urban Authorities; post-settlement tribal organisations: Tainui and Ngai Tahu; Principles of the Treaty, Maori and Pakeha aspirations for Maori in government policy; political representation, the Maori seats and the role of the Maori Party; Maori TV, the Foreshore and Seabed, the Warrior Gene debate, terrorism, child abuse, health, do Maori fail in education or does education fail Maori? Students will be able to study an issue of their choosing.

P: 22 points at 200 level in POLS or INCO 214 or MAOR 219 or PHIL 239. Students without 22 points at 200 level in POLS, but with at least a B average in 80 points in appropriate courses may be admitted to any one POLS course at 300 level with the approval of the HOD. Students enrolling for more than one POLS course at 300 level must have either 44 points from POLS courses at 200 level or 22 points from POLS courses at 200 level and MAOR 219 or PHIL 239.

R: MAOR 301

EQ: MAOR 301

POLS 332 Media and Conflict

28 points 0.2333 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: 22 points at 200 level in POLS or MAOR 219 or PHIL 239. Students without 22 points at 200 level in POLS but with a least a B average in 88 points in appropriate courses may be admitted to any one POLS course at 300 level with the approval of the Programme Director. Students enrolling for more than one POLS course at 300 level must have either 44 points from POLS courses at 200 level or 22 points from a POLS course at 200 level and MAOR 219 or PHIL 239.

R: COMS 306

EQ: COMS 306

POLS332-09S2 (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.

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 the Maori.

P: Subject to approval of the Head of School.

R: DIPL 427, ILAP 663

EQ: DIPL 427

POLS401-09W (C) **Whole Year (S1 and S2)**

POLS 402 World Politics: Modern Middle East Politics

0.2500 EFTS

Not Offered in 2009

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

This course examines the theoretical assumptions and policy prescriptions attributed to neo-liberalism, the theory and practice of globalisation, and the relation between the two.

P: Subject to approval of the Head of School.

POLS403-09W (C) **Whole Year (S1 and S2)**

POLS 404 New Zealand Foreign Policy

0.2500 EFTS

Not Offered in 2009

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 405 Special Topic: Political Economy of Human Rights

0.2500 EFTS

Topics covered will include the philosophical foundations of human rights, the genesis of the human rights movement, human rights and cultural relativism, genocide and its root causes, human rights and foreign policy, and comparative human rights in a global context.

P: Subject to approval of the Head of School.
R: DIPL 409
EQ: DIPL 409

POLS405-09W (C) **Whole Year (S1 and S2)**

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.

POLS406-09W (C) **Whole Year (S1 and S2)**

POLS 407 World Politics: Politics of the Americas

0.2500 EFTS

Not Offered in 2009

P: Subject to approval of the Head of School.

POLS 408 World Politics: Nationalism in Asia

0.2500 EFTS

This course presents theories of nationalism and ethnicity, and applies these to Asia and New Zealand.

P: Subject to approval of the Head of School.
R: DIPL 420

POLS408-09W (C) **Whole Year (S1 and S2)**

POLS 409 World Politics

0.2500 EFTS

Not Offered in 2009

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

P: Subject to approval of the Head of School.

POLS411-09W (C) **Whole Year (S1 and S2)**

POLS 414 International Politics: Mediation

0.2500 EFTS

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

POLS414-09W (C) **Whole Year (S1 and S2)**

POLS 415 The Politics of Oceania

0.2500 EFTS

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

POLS415-09W (C) **Whole Year (S1 and S2)**

POLS 416 Policy Issues in Biotechnology and Human Genetics

0.2500 EFTS

This course focuses on the controversies and governance challenges arising from the use of advanced biotechnologies in human health and the environment, using cases drawn from various regions. No scientific training is necessary for this course.

P: Subject to approval of the Head of School.

POLS416-09W (C) **Whole Year (S1 and S2)**

POLS 417 Special Topic

0.2500 EFTS

Not Offered in 2009

In this course, you will be acquainted with a variety of 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. Increasing focus is now being directed at the connections between the historical, political, economic, and sociological phenomena resulting in more complex and more accurate descriptions, interpretations, and explanations of international political and economic events. Thus, this course in IPE offers us a chance to approach a number of issues from an interdisciplinary perspective.

P: Subject to approval of the Head of School.
R: DIPL 419

POLS 420 Special Topic

0.2500 EFTS

P: Subject to approval of the Head of School.
R: ILAP 676

POLS420-09W (C) **Whole Year (S1 and S2)**

POLS 421 Special Topic

0.2500 EFTS

P: Subject to approval of the Head of School.
R: ILAP 677

POLS421-09W (C) **Whole Year (S1 and S2)**

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

POLS422-09W (C) **Whole Year (S1 and S2)**

POLS 423 Special Topic

0.2500 EFTS

P: Subject to approval of the Head of School.

POLS423-09W (C) **Whole Year (S1 and S2)**

POLS 424 Special Topic: Non-Proliferation

0.2500 EFTS

P: Subject to approval of the Head of School.
R: ILAP 682

POLS424-09W (C) **Whole Year (S1 and S2)**

POLS 430 Special Topic: Media and International Relations

0.2500 EFTS

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 Co-ordinator.
R: COMS 420
EQ: COMS 420

POLS430-09W (C) **Whole Year (S1 and S2)**

POLS 480 Research Essay

0.2500 EFTS

P: Subject to approval of the Head of School.

POLS480-09W (C) **Whole Year (S1 and S2)**

POLS 680 Individual Course of Study

0.4000 EFTS

Not Offered in 2009

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.

POLS690-09A (C) **Starts Anytime**

Note: 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.

POLS790-09A (C) **Starts Anytime**

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

Printmaking

College of Arts

PRIN 201 Printmaking

81 points 0.6750 EFTS

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

PRIN201-09W (C) **Whole Year (S1 and S2)**

Note: Limited entry. See limitation of entry regulations.

PRIN 301 Printmaking

81 points 0.6750 EFTS

A further investigation into methods of printmaking, and evolving, through research and practice, the basis of personal style. Drawing and workbook.

P: (1) PRIN 201, (2) 36 points at 100 level in ARTH, and (3) 22 points at 200 level in ARTH.

PRIN301-09W (C) **Whole Year (S1 and S2)**

Note: Limited entry. See limitation of entry regulations.

PRIN 401 Printmaking
81 points 0.6750 EFTS
A study of multi-media printmaking directed at further developing an aesthetic which may encompass the experimental. Drawing and workbook.
P: PRIN 301
PRIN401-09W (C) Whole Year (S1 and S2)
Note: 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.
PRIN501-09W (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.
PRIN550-09W (C) Whole Year (S1 and S2)

PRIN 601 Printmaking
1.0000 EFTS
P: Subject to approval of the Head of Department.
PRIN601-09A (C) Starts Anytime
Note: 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.
PRIN602-09W (C) Whole Year (S1 and S2)

Psychology

Department of Psychology

PSYC 105 Introductory Psychology - Brain, Behaviour and Cognition
18 points 0.1500 EFTS
An introduction to the brain and its role in thought and behaviour, and to perception, learning and cognition.
R: PSYC 103, PSYC 104
PSYC105-09S1 (C) Semester 1

PSYC 106 Introductory Psychology - Social, Personality and Developmental
18 points 0.1500 EFTS
An introduction to social psychology, developmental psychology, personality and individual differences, and abnormal psychology.
R: PSYC 103, PSYC 104
PSYC106-09S2 (C) Semester 2

PSYC 206 Research Design and Statistics
22 points 0.1833 EFTS
An introduction to the principles of scientific research and data analytic techniques employed in modern psychology. This is a prerequisite to advancing in psychology beyond PSYC 200 level.
P: PSYC 104, or PSYC 105 and PSYC 106
R: PSYC 201, PSYC 202, PSYC 204, PSYC 205
PSYC206-09S1 (C) Semester 1

PSYC 207 Developmental Psychology
22 points 0.1833 EFTS
This course is designed to provide an introduction to the major theoretical frameworks and the methodologies of contemporary developmental psychology. The course will explore a number of the substantive questions that guide current research and will focus on development from infancy through to adolescence.
P: PSYC 104, or PSYC 105 and PSYC 106
R: PSYC 201, PSYC 202, PSYC 204, PSYC 205
PSYC207-09S1 (C) Semester 1

PSYC 208 Cognition
22 points 0.1833 EFTS
An introductory course in cognitive psychology covering the basic mechanisms governing human intelligence. Topics include object recognition, attention, imagery, memory, reasoning, problem solving, and language comprehension.
P: PSYC 104, or PSYC 105 and PSYC 106, or with the approval of the HOD, a pass in a professional year of Engineering, or COSC 121 and COSC 122 or LING 101, or LING 111, or ENGL 123 or PHIL 137.
R: PSYC 201, PSYC 202, PSYC 204, PSYC 205, PSYC 312
PSYC208-09S2 (C) Semester 2

PSYC 209 Sensation and Perception
22 points 0.1833 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 HOD a pass in a professional year of Engineering, or ART 101, or 36 points in Art History, or COSC 121 and COSC 122.
R: PSYC 201, PSYC 202, PSYC 204, PSYC 205, PSYC 312
PSYC209-09S1 (C) Semester 1

PSYC 211 Personality
22 points 0.1833 EFTS
This course provides a general overview of the contemporary study of personality and its theoretical background and draws links between theories and conduct in everyday life.
P: PSYC 104, or PSYC 105 and PSYC 106
PSYC211-09S2 (C) **Semester 2**

PSYC 332 Social Psychology
28 points 0.2333 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 (e.g. 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.
R: PSYC 305, PSYC 313
RP: 6 further points from PSYC 200.
PSYC332-09S1 (C) **Semester 1**

PSYC 333 Biological Psychology
28 points 0.2333 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.
R: PSYC 321, PSYC 203, PSYC 307
RP: 6 further points from PSYC 200/300.
PSYC333-09S1 (C) **Semester 1**

PSYC 334 Learning and Behaviour Analysis
28 points 0.2333 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 or EDUC 224 or EDUC 324 or EDUC 230 or EDUC 330
R: PSYC 318
PSYC334-09W (C) **Whole Year (S1 and S2)**

PSYC 335 Abnormal Psychology
28 points 0.2333 EFTS
An introductory course in abnormal psychology covering both the traditional and modern approaches to the field.
P: PSYC 206.
R: SOWK 101B
RP: PSYC 207, PSYC 211
PSYC335-09W (C) **Whole Year (S1 and S2)**

PSYC 336 Industrial and Organisational Psychology
28 points 0.2333 EFTS
An introduction to organisational psychology, personnel psychology and economic psychology.
P: PSYC 206.
RP: PSYC 211, 6 further points from PSYC 200
PSYC336-09W (C) **Whole Year (S1 and S2)**

PSYC 338 Family Psychology
28 points 0.2333 EFTS
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 22 points from PSYC 206 or PSYC 207; OR PSYC 105 and PSYC 106 (or PSYC 104) PLUS at least 22 points at 200-level or above in a course approved by the HOD Psychology.
PSYC338-09S2 (C) **Semester 2**

PSYC 339 Health Psychology and Behaviour Change
28 points 0.2333 EFTS
This is an introductory course in health psychology. The focus is on the contributions of behavioural science to the promotion of health and the treatment of illness. Topics covered include determinants of health-related behaviours (e.g. smoking, diet), individual and population approaches to behaviour change, stress and coping, adjustment to illness.
P: EITHER 22 points from PSYC 206 - PSYC 211; OR PSYC 105 and PSYC 106 (or PSYC 104) PLUS an advanced course in Health Sciences approved by the HOD Psychology.
PSYC339-09S1 (C) **Semester 1**

PSYC 340 Cognitive Psychology
28 points 0.2333 EFTS
An advanced seminar based course that focuses on current major developments and issues in cognitive psychology.
P: PSYC 208
PSYC340-09W (C) **Whole Year (S1 and S2)**

PSYC 341 Special Topic
28 points 0.2333 EFTS
P: PSYC 206
PSYC341-09W (C) **Whole Year (S1 and S2)**

PSYC 342 Special Topic
28 points 0.2333 EFTS
P: PSYC 206
PSYC342-09W (C) **Whole Year (S1 and S2)**

PSYC 343 Psychology of Adult Development

28 points 0.2333 EFTS

A survey of human development covering adolescence, young adulthood, middle-age, and senescence.

P: EITHER 22 points from PSYC 206 - PSYC 211; OR PSYC 105 and PSYC 106 (or PSYC 104) PLUS 22 points from a course approved by the HOD Psychology.
R: PSYC 207 (taken prior to 2003).

PSYC343-09S2 (C) **Semester 2**

PSYC 344 Research Methods

28 points 0.2333 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

PSYC344-09S2 (C) **Semester 2**

PSYC 345 Special Topic: Psychology and Sport

28 points 0.2333 EFTS

This course is designed to introduce students to theory and research on the relationship of psychology to sport and sports performance.

P: (1) PSYC 105 and PSYC 106; and (2) PSYC 206 or 22 points at 200-level or above in a relevant subject/s approved by the Head of Department

PSYC345-09S2 (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.

PSYC 401 Economic Psychology

0.2500 EFTS

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.

PSYC401-09W (C) **Whole Year (S1 and S2)**

PSYC 404 Human and Animal Neuropsychology

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.

PSYC404-09W (C) **Whole Year (S1 and S2)**

Note: Limited entry. See limitation of entry regulations.

PSYC 413 Developmental Psychology

0.2500 EFTS

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: EDUC 416, EDUC 616

PSYC413-09W (C) **Whole Year (S1 and S2)**

PSYC 415 Experimental Analysis of Behaviour

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.

PSYC415-09W (C) **Whole Year (S1 and S2)**

PSYC 416 Cognitive Psychology

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.

PSYC416-09W (C) **Whole Year (S1 and S2)**

PSYC 418 Perceptual Process

0.2500 EFTS

Not Offered in 2009

The course surveys both classical and contemporary theories, methods, and content areas relevant to the study of perception.

P: Subject to approval of the Head of Department.

PSYC 423 Psychological Theory

0.2500 EFTS

The aim of this course is to develop a critical understanding of a variety of important issues in contemporary psychology. Topics to be examined include the following: What is wrong with psychology? Is psychoanalysis a scientific theory? Is intelligence one thing or many? Should psychology employ qualitative methods?

P: Subject to approval of the Head of Department.

PSYC423-09W (C) **Whole Year (S1 and S2)**

PSYC 428 Forensic Psychology

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.

PSYC428-09W (C) **Whole Year (S1 and S2)**

Note: Limited entry. See limitation of entry regulations.

PSYC 433 Behavioural Pharmacology and Teratology

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: Subject to the approval of the Head of Department.

PSYC433-09W (C) **Whole Year (S1 and S2)**

PSYC 434 Special Topic

0.1250 EFTS

Direct enquires to Psychology Graduate Studies Co-ordinator.

P: Subject to approval of the Head of Department.
EQ: PSYC 435

PSYC434-09S1 (C) **Semester 1**

PSYC 435 Career and Organisational Development

0.2500 EFTS

Not Offered in 2009

Learning theory, training systems and their effectiveness, the major approaches to organisational development and evaluation.

P: Subject to approval of the Head of Department.

PSYC 437 Health Psychology - Theories and Interventions

0.2500 EFTS

Contemporary research and theory on how people stay health, 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.

PSYC437-09W (C) **Whole Year (S1 and S2)**

Note: Limited entry. See limitation of entry regulations.

PSYC 438 Special Topic

0.2500 EFTS

Direct inquiries to Psychology Postgraduate Coordinator.

P: Subject to approval of the Head of Department.

PSYC438-09W (C) **Whole Year (S1 and S2)**

PSYC 439 Special Topic

0.2500 EFTS

PSYC439-09W (C) **Whole Year (S1 and S2)**

PSYC 450 Ecological Psychology

0.1250 EFTS

Not Offered in 2009

An introduction to the ecological perspective in psychology, in which the eco-system, rather than the individual or the group, is taken as the unit of analysis.

P: Subject to approval of the Head of Department.

PSYC 451 Advanced Applied Experimental Psychology

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.

PSYC451-09S1 (C) **Semester 1**

PSYC 452 Family Psychology

0.1250 EFTS

A comprehensive examination of adult development within a family context.

P: Subject to approval of the Head of Department.

PSYC452-09S2 (C) **Semester 2**

PSYC 453 Psychology of Adult Development

0.1250 EFTS

A comprehensive examination of adult development and ageing.

P: Subject to approval of the Head of Department.

PSYC453-09S1 (C) **Semester 1**

PSYC 454 Contemporary Issues in Social Cognition and Stereotyping

0.1250 EFTS

Not Offered in 2009

An in-depth study of contemporary issues in social cognition and stereotyping.

P: Subject to approval of the Head of Department.

PSYC 455 Social Perception

0.1250 EFTS

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.

PSYC455-09S2 (C) **Semester 2**

PSYC 457 Behavioural Interventions

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.

PSYC457-09S1 (C) **Semester 1**

PSYC 458 Visual Attention and Perceptual Neuropsychology

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

PSYC458-09S1 (C) **Semester 1**

PSYC 459 Psychology of the Self

0.1250 EFTS

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

PSYC459-09S2 (C) **Semester 2**

PSYC 460 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 601

PSYC460-09S2 (C) **Semester 2**

PSYC 461 The Nature of Psychological Inquiry

0.1250 EFTS

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

PSYC461-09S2 (C) **Semester 2**

PSYC 462 Special Topic: Work Well-being and Performance

0.1250 EFTS

The relationships between the nature of work, well-being and individual and organizational performance have been of central concern for researchers and HR professionals for some time now. Some of the earliest thinking in the field focused on the notion of the happy-productive worker; that more satisfied employees perform better. Although this notion has been largely dismissed, more recent research shows potentially important but more subtle links between how employees feel and how they perform. This course explores the nature of work and well-being. It reviews both empirical and theoretical work in the area. It examines stress, its causes and effects and reviews workplace interventions to prevent stress-related illness. It explores the use of the psychological contract in managing well-being at work and addresses some specific work-related issues such as bullying which have negative effects on well-being and performance. Drawing on recent research and current rends this course will focus on: The nature and meaning of work; The nature of well-being; Stress and its impact on well-being; Feelings at work beyond stress and satisfaction, including moods and emotions; Performance at work; How feelings affect performance; The psychological contract; The roles of HR practices in shaping employee feelings and well-being; A health and Safety perspective to well-being at work; Interventions in the stress process; Work-life balance.

P: Subject to approval of the Head of Department

PSYC462-09S1 (C) **Semester 1**

PSYC 463 Special Topic: Career Management in the 21st Century

0.1250 EFTS

Not Offered in 2009

This course will take a contemporary global view to exploring how social, economic and organisational changes have impacted on careers and career management. Theories of occupational choice and career decision-making will be explored and the implications of these for career management practice. Students will be required to think about their own careers in relation to the multidisciplinary literature around career development and to consider ways they can help themselves and others make role transitions.

P: Subject to approval of the Head of Department

PSYC 464 Multivariate Statistics & Methods in Psychology

0.1250 EFTS

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

PSYC464-09S1 (C) **Semester 1**

PSYC 465 The Science of Intimate Relationships

0.1250 EFTS

A one-semester course in the emerging science of intimate relationships. It adopts an interdisciplinary perspective, but concentrates on social psychological and evolutionary approaches.

P: Subject to approval of Head of Department.

PSYC465-09S1 (C) **Semester 1**

PSYC 466 Special Topic

0.1250 EFTS

Direct enquiries to PG Course Coordinator.

P: Subject to approval of the Head of Department

PSYC466-09S2 (C) **Semester 2**

Please check www.canterbury.ac.nz/courses for the latest course information.

PSYC 467 Special Topic: Independent Course of Study

0.1250 EFTS

Direct enquiries to Psychology Graduate Studies Coordinator.

P: Subject to approval of the Head of Department.

PSYC467-09W (C) **Whole Year (S1 and S2)**

PSYC 468 Special Topic

0.1250 EFTS

P: Subject to approval of the Head of Department

PSYC468-09S1 (C) **Semester 1**

PSYC 469 Special Topic

0.1250 EFTS

P: Subject to approval of the Head of Department

PSYC469-09S1 (C) **Semester 1**

PSYC 470 Project

0.2500 EFTS

P: Subject to approval of the Head of Department.

PSYC470-09W (C) **Whole Year (S1 and S2)**

PSYC 471 Special Topic

0.1250 EFTS

P: Subject to approval of the Head of Department

PSYC471-09S2 (C) **Semester 2**

PSYC 500 Diploma in Clinical Psychology

0.5000 EFTS

P: Subject to approval of the Head of Department.

PSYC500-09A (C) **Starts Anytime**

PSYC 501 Diploma in Industrial and Organisational Psychology

0.5000 EFTS

P: Subject to approval of the Head of Department.

PSYC501-09W (C) **Whole Year (S1 and S2)**

PSYC 502 Diploma in Clinical Psychology Part Time

0.2500 EFTS

P: Subject to approval of the Head of Department.

PSYC502-09A (C) **Starts Anytime**

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

PSYC601-09S2 (C) **Semester 2**

PSYC 631 Advanced Personnel Psychology

0.2500 EFTS

Applications from personnel psychology in human resource management. Human resource forecasting and planning, personnel decision making, developments in industrial relations and organisational and professional ethics.

P: Subject to approval of the Head of Department.
R: APSY 631
EQ: APSY 631

PSYC631-09W (C) **Whole Year (S1 and S2)**

PSYC 632 Advanced Organisational Psychology

0.2500 EFTS

The effects of external and internal change on organisations. The management of change and the changing nature of work in contemporary society. Job attitude theory and measurement.

P: Subject to approval of the Head of Department.
R: APSY 630
EQ: APSY 630

PSYC632-09W (C) **Whole Year (S1 and S2)**

PSYC 641 Advanced Psychopathology

0.2500 EFTS

P: Subject to approval of the Head of Department.

PSYC641-09W (C) **Whole Year (S1 and S2)**

Note: Limited entry. See limitation of entry regulations.

PSYC 642 Interview and 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.

PSYC642-09W (C) **Whole Year (S1 and S2)**

Note: 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.

PSYC643-09W (C) **Whole Year (S1 and S2)**

Note: Limited entry. See limitation of entry regulations.

PSYC 651 Psychotherapeutic Methods

0.2500 EFTS

P: Subject to approval of the Head of Department.

PSYC651-09W (C) **Whole Year (S1 and S2)**

PSYC 653 Year 2 Practicum

0.2500 EFTS

The course objetive 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.

PSYC653-09W (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.

PSYC654-09W (C) **Whole Year (S1 and S2)**

PSYC 661 Advanced Topics in Clinical Psychology 1

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 (e.g. psychosis, substance use disorders); and cultural & diversity issues. The course is limited to students admitted into the clinical psychology programme.

P: PSYC 651, PSYC 653, PSYC 654

PSYC661-09W (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: PSYC 651, PSYC 653, PSYC 654

PSYC662-09W (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
C: PSYC 661, PSYC 662.

PSYC670-09A (C) **Starts Anytime**

PSYC 690 MA Thesis

1.0000 EFTS

P: Subject to approval of the Head of Department.

PSYC690-09A (C) **Starts Anytime**

Note: 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.

PSYC695-09A (C) **Starts Anytime**

PSYC 790 Psychology PhD

1.0000 EFTS

P: Subject to approval of the Head of Department.

PSYC790-09A (C) **Starts Anytime**

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

Religious Studies

College of Arts

RELS 103 Religion, Society and Power

18 points 0.1500 EFTS

RELS103-09S1 (C) **Semester 1**

RELS 104 Desire and Deliverance in Asian Religions: The Tantric Tradition

18 points 0.1500 EFTS

Not Offered in 2009

R: SAST 102
EQ: SAST 102

RELS 105 Special Topic

18 points 0.1500 EFTS

Not Offered in 2009

RELS 115 Special Topic: Religion and Violence: Myth, Ritual and History

18 points 0.1500 EFTS

RELS115-09S1 (C) **Semester 1**

RELS 123 Special Topic: World Religions

18 points 0.1500 EFTS

RELS123-09S2 (C) **Semester 2**

RELS 210 Philosophy of Religion: Rationality, Science, and the God Hypothesis

22 points 0.1833 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.

P: At least 18 points in Philosophy or Religious Studies. Students without this prerequisite but with at least a B average in 72 points in appropriate courses may be admitted with approval of the HOS.
R: PHIL 229, PHIL 318
EQ: PHIL 229

RELS210-09S1 (C) **Semester 1**

RELS 217 The Modernity of Religion

22 points 0.1833 EFTS

The 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: At least 18 points in Philosophy or Religious Studies. Students without this prerequisite but with at least a B average in 72 points in appropriate courses may be admitted with approval of the Head of School.
R: ANTH 206, ANTH 306, SOCI 260, SOCI 360
EQ: SOCI 260, ANTH 206

RELS217-09S2 (C) **Semester 2**

RELS 228 Hindu Myth and Ritual

22 points 0.1833 EFTS

Not Offered in 2009

Introduction to the Hindu tradition with some attention to Jainism and Sikhism with reference to history, doctrines, iconography, ritual practice and social expressions.

P: One course in RELS at 100 level or HIST 240. Students without 18 points in RELS at 100 level but with at least a B average in 72 points in appropriate courses may be admitted to RELS 210-RELS 230 with the approval of the HOS.
R: SAST 205
EQ: SAST 205

RELS 229 Who is Jesus? Christianity and Western Culture

22 points 0.1833 EFTS

Not Offered in 2009

A cultural analysis of Christianity.

P: One course in RELS at 100 level. Students without 18 points in RELS at 100 level but with at least a B average in 72 points in appropriate courses may be admitted to RELS 210-RELS 230 with the approval of the HOS.

RELS 240 Rethinking Religion

22 points 0.1833 EFTS

P: One course in RELS at 100 level. Students without 18 points in RELS but with at least a B average in 72 points in appropriate courses may be admitted to RELS 240 with the approval of the Programme Coordinator
R: RELS 328, RELS 407

RELS240-09S1 (C) **Semester 1**

RELS 307 Pakeha Prophets: New Zealand Christianity and Pakeha Identity

28 points 0.2333 EFTS

P: RELS 229. Students without the 200 level prerequisite in RELS but with other appropriate preparation may be admitted to RELS 307-RELS 340 with the approval of the HOS.

RELS307-09S2 (C) **Semester 2**

RELS 311 Hindu Goddesses: Myth, Ritual and History of the Divine Feminine

28 points 0.2333 EFTS

A study of selected aspects of the Hindu tradition.

P: RELS 228. Students without the 200-level prerequisite in RELS but with other appropriate preparation may be admitted to RELS 307-RELS 340 with the approval of the HOS.
R: SAST 305
EQ: SAST 305

RELS311-09S1 (C) **Semester 1**

RELS 322 Te Ao Hurihuri: Colonisation and Maori

28 points 0.2333 EFTS

This course focuses on the impact of colonisation on traditional Maori society. Topics include first contact;

religion and spiritual beliefs, God vs Gods; war, Musket Wars vs Traditional Taua; sovereignty, Settler Government vs Kingitanga and Kotahitanga; prophets, guerrilla warfare vs passive resistance; changes in economic and social life, kumara vs potato; education, te reo vs English. The course looks at the impacts of colonisation on Maori in contemporary times. Students are encouraged to research a topic of their choosing.

P: Any 22 points in Maori and Indigenous Studies at 200-level or their double-coded equivalents, or 44 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 88 points in appropriate courses may enter the course with the approval of the HOS.

R: MAOR 317, HIST 366, CULT 302

EQ: CULT 302, HIST 366, MAOR 317

RELS322-09S1 (C) **Semester 1**

RELS 327 Special Topic: The Return of Religion?: Problems and issues

28 points 0.2333 EFTS

An investigation and discussion of the issues for western secular societies that result with the return of religion into public life and public space

P: 22 points in RELS at 200 level. Students without the 200 level prerequisite in RELS but with other appropriate preparation may be admitted to RELS 307-RELS 340 with the approval of the HOS.

RELS327-09S1 (C) **Semester 1**

RELS 329 Special Topic

28 points 0.2333 EFTS

P: Subject to approval of Head of School.

RELS329-09S1 (C) **Semester 1**

RELS 340 Introduction to Classical Sanskrit

28 points 0.2333 EFTS

Not Offered in 2009

P: 22 points in RELS at 200 level or LING 201 or CLAS 231 or CLAS 241. Students without the 200 level prerequisite in RELS but with other appropriate preparation may be admitted to RELS 307-RELS 340 with the approval of the HOS.

R: SAST 310

EQ: SAST 310

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.

RELS 402 Pilgrimage and Goddesses in South Asia: sacred journeys and sacred places

0.2500 EFTS

Not Offered in 2009

In this course we will look at the narratives, rituals, religious communities, and natural phenomena connected to the ideas of the goddess, sacred place and sacred journey in Hindu traditions.

P: Subject to approval of the Programme Director for Religious Studies.

RELS 404 History of Religious Studies

0.2500 EFTS

P: Subject to approval of the Programme Director for Religious Studies.

RELS404-09S2 (C) **Semester 2**

RELS 405 Prophets of Christian Identity

0.2500 EFTS

Not Offered in 2009

This course discusses the various various ways that modern Christian identity has been created, challenged and critqued. While it considers the various issues that arise in a secular society such as New Zealand, it relates them to the wider global influences and context in a recognition that christian identity is always in tension between contextual and universal claims of identity.

P: Subject to approval of the Programme Director for Religious Studies.

RELS 407 The Study of Religions

0.2500 EFTS

P: Subject to approval of the Programme Director for Religious Studies.

R: RELS 328, RELS 240

RELS407-09S2 (C) **Semester 2**

RELS 408 Special Topic

0.2500 EFTS

P: Subject to approval of the Programme Director for Religious Studies.

RELS408-09S1 (C) **Semester 1**

RELS 409 Special Topic

0.2500 EFTS

Not Offered in 2009

P: Subject to approval of the Programme Director for Religious Studies.

RELS 440 Advanced Sanskrit

0.2500 EFTS

Not Offered in 2009

P: Subject to approval of the Programme Director for Religious Studies.

RELS 480 Research Essay

0.2500 EFTS

P: Subject to approval of the Programme Director for Religious Studies.

RELS480-09A (C) **Starts Anytime**

RELS480-09W (C) **Whole Year (S1 and S2)**

RELS480-09CY (C) **Cross Year**

RELS 690 MA Thesis

1.0000 EFTS

P: Subject to approval of the Programme Director for Religious Studies.

RELS690-09A (C) **Starts Anytime**

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

RELS 790 Religious Studies PhD

1.0000 EFTS

P: Subject to approval of the Programme Director for Religious Studies.

RELS790-09A (C) **Starts Anytime**

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

Russian

College of Arts

EULC 101 European Society in Film

18 points 0.1500 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

EULC101-09S2 (C) **Semester 2**

EULC 104 European Languages in Europe and Beyond

18 points 0.1500 EFTS

Not Offered in 2009

This course examines the formation, development and significance of the languages spoken in Europe.

R: FREN 117, GRMN 104, RUSS 102

RUSS 101 Russian 1

36 points 0.3000 EFTS

Elementary Russian language. Introduction to the history, society and culture of Russia.

RUSS101-09W (C) **Whole Year (S1 and S2)**

RUSS 111 Russia under the Tzars: the Autocratic Tradition (15th Century to 1917)

18 points 0.1500 EFTS

An introduction to Russian society and culture from the Middle Ages to the 1917 Russian Revolution, as reflected in folklore, art and literature.

R: HIST 138

EQ: HIST 138

RUSS111-09S2 (C) **Semester 2**

EULC 202 The European City

22 points 0.1833 EFTS

Not Offered in 2009

This course is an exploration from the origins of the city in Antiquity and the Middle Ages to the European capitals and other major centres in Europe. It explores the history, culture and present-day transformations of cities such as London, Paris, Berlin, Madrid, Barcelona, Moscow and St Petersburg.

P: Any 54 points

R: EULC 302, CULT 316, FREN 215, FREN 315, GRMN 235, GRMN 335, GRMN 345, RUSS 222, RUSS 322

EULC 203 Representing Evil: the Holocaust and its Legacy

22 points 0.1833 EFTS

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 54 points.

R: EULC 303, FREN 216, FREN 316, GRMN 245, GRMN 346, RUSS 221, RUSS 321

EULC203-09S2 (C) **Semester 2**

EULC 204 European Novels and Film Adaptations

22 points 0.1833 EFTS

A study of important European novels and their film adaptations.

P: Any 54 points

R: EULC 304, RUSS 215, RUSS 216

EULC204-09S1 (C) **Semester 1**

RUSS 201 Russian 2

44 points 0.3667 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.

RUSS201-09W (C) **Whole Year (S1 and S2)**

RUSS 202 Russian Language B

22 points 0.1833 EFTS

Not Offered in 2009

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

22 points 0.1833 EFTS

This course gives a comparative view of contemporary Russian culture and society and provides students with an

up-to-date knowledge of Russia. The material of the course is in English.

R: HIST 274
EQ: HIST 274

RUSS218-09S1 (C) **Semester 1**

EULC 302 The European City

28 points 0.2333 EFTS

Not Offered in 2009

This course is an exploration from the origins of the city in Antiquity and the Middle Ages to the European capitals and other major centres in Europe. It explores the history, culture and present-day transformations of cities such as London, Paris, Berlin, Madrid, Barcelona, Moscow and St Petersburg.

P: Any 44 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

EULC 303 Representing Evil: The Holocaust and its Legacy

28 points 0.2333 EFTS

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 44 points at 200 level.
R: EULC 203, FREN 216, FREN 316, GRMN 245, GRMN 346, RUSS 221, RUSS 321

EULC303-09S2 (C) **Semester 2**

EULC 304 European Novels and Film Adaptations

28 points 0.2333 EFTS

A study of important European novels and their film adaptations.

P: Any 44 points at 200 level.
R: EULC 204, RUSS 215, RUSS 216

EULC304-09S1 (C) **Semester 1**

RUSS 301 Russian 3

56 points 0.4667 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.

RUSS301-09W (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.

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
R: FREN 417

LANC401-09S1 (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

RUSS401-09W (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.

RUSS405-09W (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

RUSS406-09W (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.

RUSS409-09W (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

RUSS410-09W (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

RUSS411-09W (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

RUSS412-09W (C) **Whole Year (S1 and S2)**

RUSS 690 MA Thesis
1.0000 EFTS

P: Subject to approval of the Head of School.

RUSS690-09A (C) **Starts Anytime**

Note: 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.

RUSS790-09A (C) **Starts Anytime**

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

Science and Entrepreneurship

College of Science

SCIE 301 Science and Entrepreneurship in New Zealand, Part 1
14 points 0.1167 EFTS

This course is designed for students desiring to or working in the commercialisation of scientific ideas and devices. The course builds the student understanding and appreciation of the business world. Topics important for start-up businesses and new ventures, including intellectual property issues, organisation and management, basic accounting, communications and networking skills will be discussed. Examples of these concepts with existing companies will be discussed. Access to a DVD player is essential for this course.

P: 108 points, including 44 points at 200-level.

SCIE301-09S1 (C) **Semester 1**

SCIE 302 Science and Entrepreneurship in New Zealand, Part II
14 points 0.1167 EFTS

This course is designed for students desiring to or working in the commercialisation of scientific ideas and devices. Building upon the skills taught in Part I, the topics of human resources, intellectual property and grant funding are explored further. The topics from Part I and Part II are related to case studies of New Zealand businesses and entrepreneurs. Case studies will be used to compare and contrast solutions to common problems and longer-term outcomes. Access to a DVD player is essential for this course.

P: SCIE 301

SCIE302-09S2 (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 2009

P: Subject to approval of the Head of Department.

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

Science, Maori and Indigenous Knowledge

School of Biological Sciences

SCIM 101 Science, Maori and Indigenous Knowledge
18 points 0.1500 EFTS

This is an integrated multi-disciplinary course between Aotahi: School of Maori and Indigenous Studies and the College of Science. This course provides a basic understanding of Maori 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.

SCIM101-09S2 (C) **Semester 2**

Sculpture

College of Arts

SCUL 201 Sculpture
81 points 0.6750 EFTS
Projects in selected media. Workshop practice. Materials and Process. Drawing. Full documentation of work and participation in group discussions and crits. required.
P: FINT 103
SCUL201-09W (C) **Whole Year (S1 and S2)**
Note: Limited entry. See limitation of entry regulations.

SCUL 301 Sculpture
81 points 0.6750 EFTS
Development of individual theme. Drawing. Full documentation of work and participation in group discussions and crits. required.
P: (1) SCUL 201, (2) 36 points at 100 level in ARTH, and (3) 22 points at 200 level in ARTH.
SCUL301-09W (C) **Whole Year (S1 and S2)**
Note: Limited entry. See limitation of entry regulations.

SCUL 401 Sculpture
81 points 0.6750 EFTS
Development of individual theme. Drawing. Full documentation of work and participation in group discussion and crits. required.
P: SCUL 301
SCUL401-09W (C) **Whole Year (S1 and S2)**
Note: 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.
SCUL501-09W (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.
SCUL550-09W (C) **Whole Year (S1 and S2)**

SCUL 601 Sculpture
1.0000 EFTS
P: Subject to approval of the Head of Department.
SCUL601-09A (C) **Starts Anytime**

SCUL 602 Sculpture
0.5000 EFTS
P: Subject to approval of the Head of Department.
SCUL602-09W (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
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.
SEAF401-09W (C) **Whole Year (S1 and S2)**

Social Work

College of Arts

SOWK 101 Human Services and Systems in New Zealand
18 points 0.1500 EFTS
An introduction to the provision of welfare services in Aotearoa/New Zealand, this course offers students an opportunity to examine social, economic and political factors that have influenced current welfare systems. Tools will be taught to develop a framework of analysis for social service provision. The first part of the course addresses basic organising concepts of welfare, using historical and contemporary case studies. In the second part, major service areas are expanded upon and analysed in reference to delivery issues.
R: HSRV 101
EQ: HSRV 101
SOWK101-09S2 (C) **Semester 2**

SOWK 102 Contemporary Issues and the Social Services

18 points 0.1500 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

SOWK102-09S1 (C) **Semester 1**

SOWK 201 Communication in the Human Services

22 points 0.1833 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 Maori is integral to the course in terms of the New Zealand context.

P: SOWK 101 and SOWK 102 or 36 points from HSRV 101, HSRV 102 and HSRV 103. Students without this prerequisite but with at least 72 points in appropriate courses may enter the course with the permission of the Head of School.
R: HSRV 201
EQ: HSRV 201

SOWK201-09S2 (C) **Semester 2**

SOWK 202 Human Behaviour and Human Systems

22 points 0.1833 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: SOWK 101 and SOWK 102 or HSRV 101 and HSRV 102. Students without this prerequisite but with at least 72 points in appropriate courses may enter the course with the permission of the Head of School.
R: HSRV 202
EQ: HSRV 202

SOWK202-09S2 (C) **Semester 2**

SOWK 203 Policy Debates in the Social Services

22 points 0.1833 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: SOWK 101 and SOWK 102 or HSRV 101 and HSRV 102. Students without this prerequisite but with at least 72 points in appropriate courses may enter the course with the permission of the Head of School.
R: HSRV 203
EQ: HSRV 203

SOWK203-09S1 (C) **Semester 1**

SOWK 301 The Principles of Social Work

20 points 0.1667 EFTS

The study of the principles, values, ethics, concepts and skills related to social work with individuals, families, groups and communities within a systems framework. Considers the main-stream approaches to inter-personal helping, advocacy, brokerage, and change-agent roles, to assist students to develop a framework for practice. Taught by practice stream teachers.

P: 102 points in SOWK, and must meet the minimum requirements for Group B and Group C courses from the BSW degree. 116 points from Group B (elective courses). 18 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

SOWK301-09W (C) **Whole Year (S1 and S2)**

Note: Limited entry. See limitation of entry regulations.

SOWK 302 Research Methods in Social Work

20 points 0.1667 EFTS

This course covers the fundamentals of social research, focusing on qualitative research methods, and the design and execution of minor research projects related to social work practice.

P: 102 points in SOWK courses.
R: HSRV 302
EQ: HSRV 302

SOWK302-09S1 (C) **Semester 1**

SOWK 303 Mental Health

20 points 0.1667 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: 102 points in SOWK courses.
R: SOWK 454

SOWK303-09S1 (C) **Semester 1**

SOWK 304 Thinking Cross Culturally

20 points 0.1667 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: 102 points in SOWK courses.
R: HSRV 304
EQ: HSRV 304

SOWK304-09W (C) **Whole Year (S1 and S2)**

SOWK 305 Quantitative Research Methods

20 points 0.1667 EFTS

Building on SOWK 302, this course focuses on quantitative research methods. The course covers the fundamentals of social research, including: problem formulations; 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: 102 points in SOWK courses.
R: HSRV 305
EQ: HSRV 305

SOWK305-09S2 (C) **Semester 2**

SOWK 308 Fieldwork Skills Labs

20 points 0.1667 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.

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.

SOWK308-09S2 (C) **Semester 2**

Note: 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.

SOWK 401 Theories and Methods in Social Work

0.2500 EFTS

Available only to those students who commenced study towards the M.A. prior to 2002.

SOWK401-09W (C) **Whole Year (S1 and S2)**

SOWK 402 Contemporary Issues in Social Work

0.2500 EFTS

SOWK402-09S1 (C) **Semester 1**

SOWK 403 Social Service Administration

0.2500 EFTS

SOWK403-09W (C) **Whole Year (S1 and S2)**

SOWK 404 Clinical Social Work: Narrative Therapy

0.2500 EFTS

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.

SOWK404-09S2 (C) **Semester 2**

SOWK 405 Special Topic: Management and Supervision

0.2500 EFTS

Not Offered in 2009

This course will be taught in two parts. The first semester 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. The second semester 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.

SOWK 406 Theories and Methods in Community Work

0.2500 EFTS

SOWK406-09W (C) **Whole Year (S1 and S2)**

SOWK 407 Social Welfare Research with the Elderly

0.2500 EFTS

SOWK407-09W (C) **Whole Year (S1 and S2)**

SOWK 408 Policy, Planning and Administration in Aged Care

0.2500 EFTS

SOWK408-09W (C) **Whole Year (S1 and S2)**

SOWK 409 The Future of Work

0.2500 EFTS

SOWK409-09W (C) **Whole Year (S1 and S2)**

SOWK 410 Special Topic

0.2500 EFTS

SOWK410-09S2 (C) **Semester 2**

SOWK 411 Special Topic

0.2500 EFTS

SOWK411-09W (C) **Whole Year (S1 and S2)**

SOWK 421 Principles and Practice

0.2500 EFTS

SOWK421-09W (C) **Whole Year (S1 and S2)**

SOWK 422 Policy, Administration and the Law

0.2500 EFTS

SOWK422-09W (C) **Whole Year (S1 and S2)**

SOWK 423 Research Methods in Social Work

0.2500 EFTS

SOWK423-09S2 (C) **Semester 2**

SOWK 424 Cross-Cultural Social Work

0.2500 EFTS

SOWK424-09W (C) **Whole Year (S1 and S2)**

SOWK 425 Special Topic

0.2500 EFTS

SOWK425-09W (C) **Whole Year (S1 and S2)**

SOWK 451 Principles of Social Work 2

31 points 0.2583 EFTS

An advanced course in social work principles, methods and practice, in sequence from SOWK 301. Concentrations are offered in social work with individuals, families and communities, and the interconnections of policy and systemic features with social work interventions. A special study of at least two theories of social work is required, to be included in a portfolio of course work to be submitted. Taught by practice stream teachers.

P: SOWK 301
C: SOWK 471

SOWK451-09W (C) **Whole Year (S1 and S2)**

Note: Limited entry. See limitation of entry regulations.

SOWK 455 Social Administration and the Law

31 points 0.2583 EFTS

A study of law as it applies to the statutory work of social workers within the social services. Also cumulative to SOWK203, this course deals with theory and practice in public policy as a determinant of social welfare inventions, and the role of the social worker as agent, critic and activist in policy formulation and execution. Substantive themes dealt with specifically are: the policy process; the social division of welfare; models of welfare organisations; equity, rationing and allocation mechanisms; choice; demand and need; stigma and consumer rights; comparative welfare systems; evaluation and research in public policy. New Zealand illustrations and case studies are used. Taught by staff in the social administration stream.

SOWK455-09W (C) **Whole Year (S1 and S2)**

SOWK 471 Fieldwork

31 points 0.2583 EFTS

Fieldwork preparation of 21 hours followed by 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. (Co-requisite SOWK451 for students completing in 2005). Students enrolled in SOWK471 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.). 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 Department. 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
C: SOWK 451

SOWK471-09S1 (C) **Semester 1**

Note: Limited entry. See limitation of entry regulations.

SOWK 472 Fieldwork Two

31 points 0.2583 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. (Pre-requisite SOWK471 and co-requisite SOWK451 for students completing in 2005). Students enrolled in SOWK471 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.). 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 Department. 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.

SOWK472-09S1 (C) **Semester 1**

Note: Limited entry. See limitation of entry regulations.

SOWK472-09S2 (C) **Semester 2**

Note: 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.

SOWK 511 Human Behaviour and Mental Health

0.1670 EFTS

This course is in two parts. Part I promotes an integrated understanding of the person within biological, psychological, social and cultural contexts across the life span and Part II develops a conceptual framework for understanding mental health, mental ill health and mental illness.

P: Subject to approval of the Head of School.

SOWK511-09W (C) **Whole Year (S1 and S2)**

SOWK 512 Social Work and New Zealand Society

0.1670 EFTS

This course critically examines New Zealand society from a social work perspective drawing on the major sociological traditions.

P: Subject to approval of the Head of School.

SOWK512-09W (C) **Whole Year (S1 and S2)**

SOWK 513 The Social Services in New Zealand

0.1670 EFTS

This course examines the evolution and organisation of the welfare system in New Zealand.

P: Subject to approval of the Head of School.

SOWK513-09W (C) **Whole Year (S1 and S2)**

SOWK 514 The Principles of Social Work

0.1670 EFTS

Different perspectives and models of social work are examined, along with a framework for examining values and ethics for social work. The components of a practice model are explored in some depth.

P: Subject to approval of the Head of School.

SOWK514-09W (C) **Whole Year (S1 and S2)**

Note: Limited entry. See limitation of entry regulations.

SOWK 515 Fieldwork Skills

0.1670 EFTS

P: Subject to approval of the Head of School.

SOWK515-09S2 (C) **Semester 2**

Note: Limited entry. See limitation of entry regulations.

SOWK 516 Social Research

0.1670 EFTS

This course provides students with knowledge about the research process, its diversity, and its application in the social work domain.

P: Subject to approval of the Head of School.
R: SOWK 523

SOWK516-09W (C) **Whole Year (S1 and S2)**

SOWK 521 Social Policy and Administration

0.2000 EFTS

This course examines social policy and the notion of welfare, and provides an analytical framework for practice and policy making in New Zealand social services. It also covers the operationalisation of social policy.

P: Subject to approval of the Head of School.

SOWK521-09S1 (C) **Semester 1**

SOWK 522 Social Work and the Law

0.2000 EFTS

This course examines 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 affecting social workers will also be examined.

P: Subject to approval of the Head of School.

SOWK522-09S2 (C) **Semester 2**

SOWK 525 Advanced Social Work Principles and Practice

0.2000 EFTS

This course is presented in modules that include social work practice with communities and groups, individuals and families. It builds on the generic social work framework developed in SOWK 514. Preparation for the field experience in the final year consists of fieldwork skills laboratories in the second semester which identify and develop inter-personal helping skills using readings, role-plays and video equipment. This paper is assessed and students must attain a skills competency certificate in order to progress to the following papers in the final year, SOWK525, SOWK571, SOWK572. Attendance at all sessions is compulsory.

P: Subject to approval of the Head of School.

SOWK525-09W (C) **Whole Year (S1 and S2)**

Note: Limited entry. See limitation of entry regulations.

SOWK 526 Special Topic

0.1670 EFTS

Not Offered in 2009

P: Subject to approval of the Head of School.

SOWK 571 Fieldwork Internship 1

0.2000 EFTS

Three days pre-placement seminars followed by 60 days of fieldwork placement in an agency setting.

P: SOWK 515
C: SOWK 525

SOWK571-09S1 (C) **Semester 1**

Note: Limited entry. See limitation of entry regulations.

SOWK 572 Fieldwork Internship 2

0.2000 EFTS

60 days of fieldwork placement in an agency setting.

P: SOWK 515, SOWK 571
C: SOWK 525

SOWK572-09S2 (C) **Semester 2**

Note: Limited entry. See limitation of entry regulations.

SOWK 611 Human Behaviour and Mental Health

0.1670 EFTS

This course builds on students' foundation knowledge of human behaviour by examining the conceptual frameworks of mental health, mental ill-health, and mental illness, introducing the major classifications of mental illness, and exploring the topic within the context of a developmental ecological perspective.

P: Subject to approval of the Head of School.

SOWK611-09W (C) **Whole Year (S1 and S2)**

SOWK 612 Culture, Society and Critical Debates

0.1670 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.

SOWK612-09W (C) **Whole Year (S1 and S2)**

SOWK 613 Welfare Policy in Aotearoa New Zealand

0.1670 EFTS

This course studies welfare policy within the context of the development and organisation of social services in New Zealand. In the Semester 2, students examine service provision areas related to contemporary social work practice. Programme specifics, evolutionary elements and policy analysis are drawn together into an integrative framework.

P: Subject to approval of the Head of School.

SOWK613-09W (C) **Whole Year (S1 and S2)**

SOWK 614 Social Work Principles and Practice Modalities

0.1670 EFTS

Topics in this course include a review and analysis of the perspectives of social work, values and ethics for social workers, the social work process and intervention with individuals, families, groups and communities.

P: Subject to approval of the Head of School.

SOWK614-09W (C) **Whole Year (S1 and S2)**

Note: Limited entry. See limitation of entry regulations.

SOWK 615 Skills Labs

0.1670 EFTS

P: Subject to approval of the Head of School.

C: SOWK 614

SOWK615-09S2 (C) **Semester 2**

Note: Limited entry. See limitation of entry regulations.

SOWK 621 Qualitative Human Science Research and Evaluative Strategies

0.2000 EFTS

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.

SOWK621-09W (C) **Whole Year (S1 and S2)**

SOWK 625 Culture, Theory and Methods in Advanced Practice

0.2000 EFTS

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 leaning strategies are incorporated within the context of theoretically informed practice.

P: Subject to approval of the Head of School.

SOWK625-09W (C) **Whole Year (S1 and S2)**

Note: Limited entry. See limitation of entry regulations.

SOWK 626 Supervision and Management

0.2000 EFTS

Not Offered in 2009

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

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.

SOWK627-09W (C) **Whole Year (S1 and S2)**

SOWK 628 Practice in the Statutory Context

0.2000 EFTS

Not Offered in 2009

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.

SOWK629-09W (C) **Whole Year (S1 and S2)**

SOWK 630 Health and Wellbeing

0.2000 EFTS

Not Offered in 2009

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 2009

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 2009

P: Subject to approval of the Head of School.

SOWK 633 Clinical Social Work: Narrative Therapy

0.2000 EFTS

P: Subject to approval of the Head of School.

SOWK633-09W (C) **Whole Year (S1 and S2)**

SOWK 634 Research Project

0.2000 EFTS

P: Subject to approval of the Head of School.

SOWK634-09W (C) **Whole Year (S1 and S2)**

SOWK 671 Fieldwork Internship 1

0.2000 EFTS

P: SOWK 615

C: SOWK 625

SOWK671-09S1 (C) **Semester 1**

Note: Limited entry. See limitation of entry regulations.

SOWK 672 Fieldwork Internship 2

0.2000 EFTS

P: SOWK 615, SOWK 671

C: SOWK 625

SOWK672-09S2 (C) **Semester 2**

Note: Limited entry. See limitation of entry regulations.

SOWK 690 MA Thesis

1.0000 EFTS

Available only to those students who commenced study towards the M.A. prior to 2002.

P: Subject to approval of the Head of School.

SOWK690-09A (C) **Starts Anytime**

Note: 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.

SOWK695-09A (C) **Starts Anytime**

SOWK 790 Social Work PhD

1.0000 EFTS

P: Subject to approval of the Head of School.

SOWK790-09A (C) **Starts Anytime**

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

**From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Sociology

College of Arts

SOCI 111 Exploring Society

18 points 0.1500 EFTS

An introduction to the major themes in contemporary sociology in a way that is relevant to New Zealand culture and society.

SOCI111-09S1 (C) **Semester 1**

SOCI 112 Global Society

18 points 0.1500 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.

SOCI112-09S2 (C) **Semester 2**

SOCI 153 An Introduction to Sociology from an Interactionist Perspective

18 points 0.1500 EFTS

This course introduces students to sociology as a discplice from an interactionist perspective. The topics covered will be the sociological imagination, social structure and language, childhood socialisation and selves and society.

SOCI153-08SU2 (C) **Summer (Nov 08)**

SOCI 208 Postcolonialism and Identities

22 points 0.1833 EFTS

Drawing on colonial history and postcolonial studies, this course explores how gender intersects with race, culture, ethnicity, nationality and place in reproducing or challenging both specific identity claims and communal boundaries. Notions of diaspora and space are introduced and critically examined.

P: Either 18 points of SOCI at 100 level with a B pass or better; or 36 points of SOCI at 100 level; or 18 points of GEND at 100 level; alternatively students without sociology at 100-level but with a B average in 72 points from the Arts schedule may take one 200 level sociology course.
R: FMST 308, GEND 208, GEND 312, CULT 205, SOCI 352
EQ: CULT 205, GEND 208

SOCI208-09S2 (C) **Semester 2**

SOCI 209 Te Tiriti: The Treaty of Waitangi

22 points 0.1833 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 Maori 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, Maori seats, race relations, one law for all.

P: Any 18 points in Maori and Indigenous Studies or their double-coded equivalents or any 18 points in HIST or Ancient History or POLS or SOCI. Students without these prerequisites but with 72 points in appropriate courses may enter the course with the approval of the Programme Co-ordinator.
R: HIST 268, MAOR 219, POLS 218, HSRV 207
EQ: HIST 268, MAOR 219, POLS 218, HSRV 207

SOCI209-09S1 (C) **Semester 1**

SOCI 210 Gender and Development in International Relations

22 points 0.1833 EFTS

This course explores the global politics of both gender in development projects in the so-called third world, and gender in international market relations, including "sexploitation".

P: Either 18 points of SOCI at 100 level with a B pass or better; or 36 points of SOCI at 100 level; or 18 points of GEND at 100 level; alternatively students without sociology at 100-level but with a B average in 72 points from the Arts schedule may take one 200 level sociology course.
R: GEND 210, GEND 306, CULT 306, FMST 206, FMST 306, SOCI 310
EQ: GEND 210

SOCI210-09S1 (C) **Semester 1**

SOCI 212 Family and Kinship in Comparative Perspective

22 points 0.1833 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: Either 18 points of SOCI at 100 level with a B pass or better; or 36 points of SOCI at 100 level; alternatively students without sociology at 100-level but with a B average in 72 points from the Arts schedule may take one 200 level sociology course.
R: ANTH 312, ANTH 212, GEND 218, GEND 318 and SOCI 312
EQ: ANTH 212, GEND 218

SOCI212-09S1 (C) **Semester 1**

SOCI 217 Collective Behaviour

22 points 0.1833 EFTS

This course deals with the collective behaviour of intentional communities, new religious movements and other student-selected topics.

P: 18 points of Sociology at 100 level (alternatively students with at least a B average in 72 points in appropriate courses may be admitted to 200-level Soci courses with approval of the Programme Co-ordinator).
R: SOCI 317, SOCI 257 (prior to 2006), SOCI 357 (prior to 2006)

SOCI217-08SU2 (C) **Summer (Nov 08)**
SOCI217-09S1 (C) **Semester 1**

SOCI 218 Crime and Justice

22 points 0.1833 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: Either 18 points of SOCI at 100 level with a B pass or better; or 36 points of SOCI at 100 level; alternatively students without sociology at 100-level but with a B average in 72 points from the Arts schedule may take one 200 level sociology course; or Laws 101.
R: SOCI 318

SOCI218-09S2 (C) **Semester 2**

SOCI 219 Sociology of Work: Networks, Knowledge and Identities

22 points 0.1833 EFTS

Not Offered in 2009

This course covers the changing relations between occupations, organisations and markets. Areas covered include art worlds, employment contracts, management practices, information technology, gender, and emotional labour.

P: Either 18 points of SOCI at 100 level with a B pass or better; or 36 points of SOCI at 100 level; alternatively students without sociology at 100-level but with a B average in 72 points from the Arts schedule may take one 200 level sociology course.
R: SOCI 319

SOCI 220 Environment and Society
22 points 0.1833 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: Either 18 points of SOCI at 100 level with a B pass or better; or 36 points of SOCI at 100 level; alternatively students without sociology at 100-level but with a B average in 72 points from the Arts schedule may take one 200 level sociology course; or Forestry courses as approved by the Programme Director.
R: SOCI 230 (2005), SOCI 320, SOCI 330 (2005)

SOCI220-09S2 (C) **Semester 2**

SOCI 221 Social Policy
22 points 0.1833 EFTS

Not Offered in 2009

This course presents an overview of social policy development in New Zealand from the origins of the welfare state in the 1930s through to its reworking in the 1980s and 1990s.

P: Either 18 points of SOCI at 100 level with a B pass or better; or 36 points of SOCI at 100 level; alternatively students without sociology at 100-level but with a B average in 72 points from the Arts schedule may take one 200 level sociology course.
R: SOCI 321

SOCI 223 Ethnicity
22 points 0.1833 EFTS

This course presents a study of race, ethnic and indigenous relations with particular emphasis on the challenges and changes that confront the politics of diversity in Aotearoa/New Zealand.

P: Either 18 points of SOCI at 100 level with a B pass or better; or 36 points of SOCI at 100 level; alternatively students without sociology at 100-level but with a B average in 72 points from the Arts schedule may take one 200 level sociology course.
R: ANTH 223, HIST 283, MAOR 230, SOCI 323
EQ: ANTH 223, HIST 283, MAOR 230

SOCI223-09S2 (C) **Semester 2**

SOCI 225 Sociology of Everyday Life
22 points 0.1833 EFTS

Not Offered in 2009

This course provides students with an understanding of the sociology which enables them to analyse the relationship between individual and society. Sociology is presented as an interpretative, humanistic and interactionist discpline.

P: Either 18 points of SOCI at 100 level with a B pass or better; or 36 points of SOCI at 100 level; alternatively students without sociology at 100-level but with a B average in 72 points from the Arts schedule may take one 200 level sociology course.
R: SOCI 325, SOCI 255 (prior to 2006)

SOCI 226 Politics and Society
22 points 0.1833 EFTS

Not Offered in 2009

This course provides students with a critical introduction to the conceptual tools used by sociologists and other social scientists to make sense of political processes.

P: Either 18 points of SOCI at 100 level with a B pass or better; or 36 points of SOCI at 100 level; alternatively students without sociology at 100-level but with a B average in 72 points from the Arts schedule may take one 200 level sociology course.
R: SOCI 326

SOCI 234 Sociology of Sport: Performances, Markets and Identities
22 points 0.1833 EFTS

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: Either 18 points of SOCI at 100 level with a B pass or better; or 36 points of SOCI at 100 level; alternatively students without sociology at 100-level but with a B average in 72 points from the Arts schedule may take one 200 level sociology course.
R: SOCI 254, SOCI 334, SOCI 354

SOCI234-09S1 (C) **Semester 1**

SOCI 237 Sustainable Development
22 points 0.1833 EFTS

This course examines the development process from a number of theoretical viewpoints and explores a variety of case studies drawn from the Pacific and South East Asia.

P: Either 18 points of SOCI at 100 level with a B pass or better; or 36 points of SOCI at 100 level; alternatively students without sociology at 100-level but with a B average in 72 points from the Arts schedule may take one 200 level sociology course.
R: SOCI 337

SOCI237-09S2 (C) **Semester 2**

SOCI 238 Exploring the Past
22 points 0.1833 EFTS

This course provides students with a framework for structured reflection on the relationship between history, anthropology and sociology.

P: Either 18 points of SOCI at 100 level with a B pass or better; or 36 points of SOCI at 100 level; or 36 pts in Hist at B grade or better; alternatively students without sociology at 100-level but with a B average in 72 points from the Arts schedule may take one 200 level sociology course.
R: ANTH 238, HIST 288, SOCI 338
EQ: ANTH 238, HIST 288

SOCI238-09S1 (C) **Semester 1**

SOCI 240 Sociological Theory

22 points 0.1833 EFTS

Not Offered in 2009

This course is intended to provide students with an understanding of the development of sociology as a discipline from the Enlightenment to present day.

P: Either 18 points of SOCI at 100 level with a B pass or better; or 36 points of SOCI at 100 level; alternatively students without sociology at 100-level but with a B average in 72 points from the Arts schedule may take one 200 level sociology course.
R: CULT 203
EQ: CULT 203

SOCI 242 Globalisation and Urban Change

22 points 0.1833 EFTS

Not Offered in 2009

The course explores key global trends in city development and how these are changing the nature of urban social and spatial structure. The focus will be upon the idea of transformations.

P: Either 18 points of SOCI at 100 level with a B pass or better; or 36 points of SOCI at 100 level; alternatively students without sociology at 100-level but with a B average in 72 points from the Arts schedule may take one 200 level sociology course.
R: SOCI 342, SOCI 239, SOCI 339

SOCI 243 Sociology of Health and Medicine

22 points 0.1833 EFTS

This course explores different ways of thinking about health and medicine, the social patterning of health and illness, consumer movements in health, health controversies, and the changing organisation of healthcare. We will include mental health, alternative medicine, Maori understandings of health, and concepts such as risk and stigma.

P: Either 18 points of SOCI at 100 level with a B pass or better; or 36 points of SOCI at 100 level; alternatively students without sociology at 100-level but with a B average in 72 points from the Arts schedule may take one 200 level sociology course; or HLTH 101.
R: SOCI 343

SOCI243-09S2 (C) **Semester 2**

SOCI 244 On Death and Dying: Current Controversies in Thanatology

22 points 0.1833 EFTS

'On Death and Dying' introduces students to this most pervasive yet under-examined aspect of social life. Students will be given the opportunity to explore death, dying and bereavement from a sociological point of view. We will explore the different and complex ways people attend to death through a guided programme that includes a study of the notion of sequestered death, the body in death, the social stratification of death, customary practices past and present including Aotearoa/New Zealand, death and medicine, good death/bad death, near death experiences, ghosts, euthanasia, suicide, the funereal profession, grief and mourning, memento mori, mass death, death and the media/popular culture.

P: Either 18 points of SOCI at 100 level with a B pass or better; or 36 points of SOCI at 100 level; alternatively students without sociology at 100-level but with a B average in 72 points from the Arts schedule may take one 200 level sociology course.
R: SOCI 344

SOCI244-09S2 (C) **Semester 2**

SOCI 245 Individuals, Networks and the Internet

22 points 0.1833 EFTS

Not Offered in 2009

The course explores different perceptions people have about the internet, and the ways in which these perceptions affect their expectations, and interaction with the technology, information, and other people. The course will explore contexts in which people use the internet as an information source, as well as contexts in which the internet serves as a social space.

P: Either 18 points of SOCI at 100 level with a B pass or better; or 36 points of SOCI at 100 level; or 36 pts in Hist at B grade or better; alternatively students without sociology at 100-level but with a B average in 72 points from the Arts schedule may take one 200 level sociology course.

SOCI 246 Special Topic: Technologies and Practices of Everyday Life

22 points 0.1833 EFTS

Everyday life today is lived as much online as offline. This course explores some of the more ubiquitous websites and technologies that surround us and how they, often controversially, reconfigure our everyday lives. The first part of the course examines websites and online activities that have become both pervasive and addictive in today's world, such as Facebook, Youtube, Google, TradeMe and Wikipedia. The second part of the course focuses on everyday tangible technologies including mobile phones, iPods and computer games. Questions explored include: how have these technologies and websites become such significant parts of our lives? How do we integrate them with our everyday activities? What are some of the explanations for their perceived popularity? Students will be introduced to a range of theoretical perspectives examining human interaction and technologies.

P: Either 18 points of SOCI at 100 level with a B pass or better; or 36 points of SOCI at 100 level; alternatively students without sociology at 100-level but with a B average in 72 points from the Arts schedule may take one 200 level sociology course.

SOCI246-09S2 (C) **Semester 2**

SOCI 247 Health, Technologies and Embodiment

22 points 0.1833 EFTS

Not Offered in 2009

This course aims to help students understand some of the linkages between health politics and practices, the experi-

ence of embodiment and new technologies and various forms of knowledge production.

P: Either 18 points of SOCI at 100 level with a B pass or better; or 36 points of SOCI at 100 level; alternatively students without sociology at 100-level but with a B average in 72 points from the Arts schedule may take one 200 level sociology course; or 18 points in GEND at 100 level.
R: SOCI 347, SOCI 236, SOCI 336, GEND 214, GEND 310
EQ: GEND 214

SOCI 248 Animals, People and Sociology

22 points 0.1833 EFTS

This course explores the changing relationship between people and animals through study of the animal welfare and environmental movements, contemporary diversity in relationships with animals, animal based production and the risks of new technologies.

P: Either 18 points of SOCI at 100 level with a B pass or better; or 36 points of SOCI at 100 level; alternatively students without sociology at 100-level but with a B average in 72 points from the Arts schedule may take one 200 level sociology course.
R: SOCI 348

SOCI248-09S2 (C) **Semester 2**

SOCI 260 The Modernity of Religion

22 points 0.1833 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 the discussion of case studies and pursues a comparative perspective.

P: Either 18 points of SOCI at 100 level with a B pass or better; or 36 points of SOCI at 100 level; alternatively students without sociology at 100-level but with a B average in 72 points from the Arts schedule may take one 200 level sociology course.
R: ANTH 206, ANTH 306, SOCI 360, RELS 217
EQ: RELS 217, ANTH 206

SOCI260-09S2 (C) **Semester 2**

SOCI 261 Contesting Social Orders: Social Movements and Change

22 points 0.1833 EFTS

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: Either 18 points of SOCI at 100 level with a B pass or better; or 36 points of SOCI at 100 level; alternatively students without sociology at 100-level but with a B average in 72 points from the Arts schedule may take one 200 level sociology course.
R: SOCI 361

SOCI261-09S1 (C) **Semester 1**

SOCI 262 Food and Eating

22 points 0.1833 EFTS

Not Offered in 2009

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 18 points of SOCI at 100 level with a B pass or better; or 36 points of SOCI at 100 level; alternatively students without sociology at 100-level but with a B average in 72 points from the Arts schedule may take one 200 level sociology course.
R: ANTH 208, ANTH 308, GEND 224, GEND 324, SOCI 362
EQ: ANTH 208, GEND 224

SOCI 264 Entertaining Sport: Representations, Fans and Media Technologies

22 points 0.1833 EFTS

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 faciliation and transformation of sports cultures and identities.

P: Either 18 points of SOCI at 100 level with a B pass or better; or 36 points of SOCI at 100 level; alternatively students without sociology at 100-level but with a B average in 72 points from the Arts schedule may take one 200 level sociology course.
R: SOCI 364

SOCI264-09S2 (C) **Semester 2**

SOCI 265 Psychology, Culture and Society

22 points 0.1833 EFTS

This course introduces students to the study of psychological phenomena as they are embedded within the formation of culture and society. It will focus on the relationship between psychology and the broader societal and cultural context in which people's thoughts, emotions, motivations and desires are formed and performed. This focus will be pursued through a series of topics of contemporary importance.

P: Either 18 points of SOCI at 100 level with a B pass or better; or 36 points of SOCI at 100 level; alternatively students without sociology at 100-level but with a B average in 72 points from the Arts schedule may take one 200 level sociology course; or 18 points in PSYCH at 100 level; or 18 points of GEND at 100 level.
R: GEND 225, GEND 325, SOCI 365

SOCI265-09S1 (C) **Semester 1**

SOCI 268 The Politics of Need: Globalisation, Poverty and Welfare Provision

22 points 0.1833 EFTS

An advanced course in the study of the changing nature of modern welfare states in the context of globalisation. Prior completion of SOCI 221 (Social Policy) and/or SOCI 242

(Urban Change and Globalisation) would be helpful but is not necessary.

P: Either 18 points of SOCI at 100 level with a B pass or better; or 36 points of SOCI at 100 level; alternatively students without sociology at 100-level but with a B average in 72 points from the Arts schedule may take one 200 level sociology course.
R: SOCI 348 (prior to 2006), SOCI 368, HSRV 205

SOCI268-09S2 (C) **Semester 2**

SOCI 270 Telling Stories - Constructing Selves

22 points 0.1833 EFTS

This course examines personal narratives, the contexts in which selves and stories are constructed and the technologies that facilitate storying in the 21st century. Course materials will include academic literature, a variety of commercial print media, as well as digital, film and television sources.

P: Either 18 points of SOCI at 100 level with a B pass or better; or 36 points of SOCI at 100 level; alternatively students without sociology at 100-level but with a B average in 72 points from the Arts schedule may take one 200 level sociology course.
R: GEND 226
EQ: GEND 226

SOCI270-08SU2 (C) **Summer (Nov 08)**

SOCI 275 Travel and Tourism: Inter-cultural Perspectives

22 points 0.1833 EFTS

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: Either 18 points of SOCI at 100 level with a B pass or better; or 36 points of SOCI at 100 level; alternatively students without sociology at 100-level but with a B average in 72 points from the Arts schedule may take one 200 level sociology course.
R: ANTH 250, ANTH 350, SOCI 375
EQ: ANTH 250

SOCI275-09S2 (C) **Semester 2**

SOCI 310 Gender and Development in International Relations

28 points 0.2333 EFTS

This course is designed as a multi-disciplinary approach to the question of gender and development with a focus on developing countries and/or the so-called third world. Taking a critical look at the political and cultural economy of gender both in developmental projects and internal "market" relations, the coursework draws on frameworks of modernisation, development and post-modernism with an empirical focus linked to research findings.

P: 44 points of Sociology at 200 level (alternatively students with at least a B average in 88 points in the Arts Schedule may be admitted to one 300-level SOCI course).
R: GEND 210, GEND 306, CULT 306, FMST 206, FMST 306, SOCI 210
EQ: CULT 306, GEND 306

SOCI310-09S1 (C) **Semester 1**

SOCI 312 Kinship and Family in Comparative Perspective

28 points 0.2333 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: 44 points of Sociology at 200 level (alternatively students with at least a B average in 88 points in the Arts Schedule may be admitted to one 300-level SOCI course).
R: ANTH 212, ANTH 312, GEND 218, GEND 318, SOCI 212
EQ: GEND 318, ANTH 312

SOCI312-09S1 (C) **Semester 1**

SOCI 313 Themes in Sociological Theory

28 points 0.2333 EFTS

Not Offered in 2009

This course deals with processes of theorising in sociology through an exploration of how sociologists construct selves, institutions, worlds and other objects of study.

P: 44 points of Sociology at 200 level (alternatively students with at least a B average in 88 points in the Arts Schedule may be admitted to one 300-level SOCI course).

SOCI 317 Collective Behaviour

28 points 0.2333 EFTS

This course deals with the collective behaviour of intentional communities, disasters, new religious movements and other student-selected topics.

P: 44 points of SOCI at 200 level (alternatively students with at least a B average in 88 points in appropriate courses at 200 level may be admitted to one 300-level SOCI course with approval of the Programme Co-ordinator).
R: SOCI 217, SOCI 257 (prior to 2006), SOCI 357 (prior to 2006)

SOCI317-08SU2 (C) **Summer (Nov 08)**
SOCI317-09S1 (C) **Semester 1**

SOCI 319 Sociology of Work: Networks, Knowledge and Identities

28 points 0.2333 EFTS

Not Offered in 2009

This course covers the changing relations between occupations, organisations and markets. Areas covered include art worlds, employment contracts, management practices, information technology, gender, and emotional labour.

P: 44 points of Sociology at 200 level (alternatively students with at least a B average in 88 points in the Arts Schedule may be admitted to one 300-level SOCI course).
R: SOCI 219

SOCI 320 Environment and Society

28 points 0.2333 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: 44 points of Sociology at 200 level (alternatively students with at least a B average in 88 points in the Arts Schedule may be admitted to one 300-level SOCI course).
R: SOCI 220, SOCI 230 (2005), SOCI 330 (2005)

SOCI320-09S2 (C) **Semester 2**

SOCI 326 Politics and Society

28 points 0.2333 EFTS

Not Offered in 2009

This course provides students with a critical introduction to the conceptual tools used by sociologists and other social scientists to make sense of political processes.

P: 44 points of Sociology at 200 level (alternatively students with at least a B average in 88 points in the Arts Schedule may be admitted to one 300-level SOCI course).
R: SOCI 226

SOCI 334 Sociology of Sport: Performances, Markets and Identities

28 points 0.2333 EFTS

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: 44 points of Sociology at 200 level (alternatively students with at least a B average in 88 points in the Arts Schedule may be admitted to one 300-level SOCI course).
R: SOCI 234, SOCI 254, SOCI 354

SOCI334-09S1 (C) **Semester 1**

SOCI 337 Sustainable Development

28 points 0.2333 EFTS

This course examines the development process from a number of theoretical viewpoints and explores a variety of case studies drawn from the Pacific and South East Asia.

P: 44 points of Sociology at 200 level (alternatively students with at least a B average in 88 points in the Arts Schedule may be admitted to one 300-level SOCI course).
R: SOCI 237

SOCI337-09S2 (C) **Semester 2**

SOCI 340 Life Stories and Social Analysis

28 points 0.2333 EFTS

This courrse involves the acquisition of qualitative research skills through the completion of a supervised life stories project.

P: 44 points of Sociology at 200 level (alternatively students with at least a B average in 88 points in the Arts Schedule may be admitted to one 300-level SOCI course).
R: SOCI 312 (prior to 1993)

SOCI340-09S1 (C) **Semester 1**

SOCI 341 Survey Methods for the Social Sciences

28 points 0.2333 EFTS

This course explores stages in the process of developing and designing surveys and analysing data obtained from surveys.

P: 44 points of SOCI at 200 level (alternatively students with at least a B average in 88 points in appropriate courses at 200 level may be admitted to one 300-level SOCI course with approval of the Programme Co-ordinator).
R: SOCI 312 (prior to 1993), SOCI 351 (prior to 2006)

SOCI341-08SU2 (C) **Summer (Nov 08)**

SOCI341-09S2 (C) **Semester 2**

SOCI 342 Globalisation and Urban Change

28 points 0.2333 EFTS

Not Offered in 2009

The course explores key global trends in city development and how these are changing the nature of urban social and spatial structure. the focus will be upon the idea of transformations.

P: 44 points of Sociology at 200 level (alternatively students with at least a B average in 88 points in the Arts Schedule may be admitted to one 300-level SOCI course).
R: SOCI 242, SOCI 239, SOCI 339

SOCI 343 Sociology of Health and Medicine

28 points 0.2333 EFTS

This course explores different ways of thinking about health and medicine, the social patterning of health and illness, consumer movements in health, health controversies, and the changing organisation of healthcare. We will include mental health, alternative medicine, Maori understandings of health, and concepts such as risk and stigma.

P: 44 points of Sociology at 200 level (alternatively students with at least a B average in 88 points in the Arts Schedule may be admitted to one 300-level SOCI course).
R: SOCI 243

SOCI343-09S2 (C) **Semester 2**

SOCI 344 On Death and Dying: Current Controversies in thanatology

28 points 0.2333 EFTS

'On Death and Dying' introduces students to this most pervasive yet under-examined aspect of social life. Students will be given the opportunity to explore death, dying and bereavement from a sociological point of view. We will explore the different and complex ways people attend to

death through a guided programme that includes a study of the notion of sequestered death, the body in death, the social stratification of death, customary practices past and present including Aotearoa/New Zealand, death and medicine, good death/bad death, near death experiences, ghosts, euthanasia, suicide, the funereal profession, grief and mourning, memento mori, mass death, death and the media/popular culture.

P: 44 points of Sociology at 200 level (alternatively students with at least a B average in 88 points in the Arts Schedule may be admitted to one 300-level SOCI course).
R: SOCI 244

SOCI344-09S2 (C) **Semester 2**

SOCI 347 Health, Technologies and Embodiment

28 points 0.2333 EFTS

Not Offered in 2009

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.

P: 44 points of SOCI at 200 level or one of GEND 201-GEND 299 (alternatively students with at least a B average in 88 points in the Arts Schedule may be admitted to one 300-level SOCI course).
R: SOCI 247, SOCI 236, SOCI 336, GEND 214, GEND 310
EQ: GEND 310

SOCI 348 Animals, People and Sociology

28 points 0.2333 EFTS

This course explores the changing relationship between people and animals through study of the animal welfare and environmental movements, contemporary diversity in relationships with animals, animal based production and the risks of new technologies.

P: 44 points of Sociology at 200 level (alternatively students with at least a B average in 88 points in the Arts Schedule may be admitted to one 300-level SOCI course).
R: SOCI 248

SOCI348-09S2 (C) **Semester 2**

SOCI 349 Popular Music Culture

28 points 0.2333 EFTS

Not Offered in 2009

This course provides students with a methodological framework for the study of popular culture that is informed by sociology and anthropology. Prior completion of SOCI 223 (Ethnicity) and/or SOCI 238 (Exploring the Past) would be helpful but is not necessary.

P: 44 points of Sociology at 200 level (alternatively students with at least a B average in 88 points in the Arts Schedule may be admitted to one 300-level SOCI course).
R: ANTH 349
EQ: ANTH 349

SOCI 350 The Internet and Everyday Life

28 points 0.2333 EFTS

Not Offered in 2009

This course examines the Internet as a component of everyday life.

P: 44 points of Sociology at 200 level (alternatively students with at least a B average in 88 points in the Arts Schedule may be admitted to one 300-level SOCI course).

SOCI 352 Postcolonialism and Identities

28 points 0.2333 EFTS

Drawing on colonial history and postcolonial studies, this course explores how gender intersects with race, cultures, ethnicity, nationality and place in reproducing or challenging both specific identity claims and communal boundaries. Notions of diaspora and space are introduced and critically examined.

P: 44 points of Sociology at 200 level (alternatively students with at least a B average in 88 points in the Arts Schedule may be admitted to one 300-level SOCI course).
R: SOCI 208, CULT 205, GEND 208, GEND 312, FMST 308
EQ: GEND 312

SOCI352-09S2 (C) **Semester 2**

SOCI 353 Ethnography

28 points 0.2333 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: 44 points of Sociology at 200 level (alternatively students with at least a B average in 88 points in the Arts Schedule may be admitted to one 300-level SOCI course).
R: ANTH 301
EQ: ANTH 301

SOCI353-09S1 (C) **Semester 1**

SOCI 358 Prisons and Corrections

28 points 0.2333 EFTS

This course looks at the evolution of corrections internationally and in New Zealand, and examines a number of contemporary correctional issues.

P: 44 points of Sociology at 200 level (alternatively students with at least a B average in 88 points in the Arts Schedule may be admitted to one 300-level SOCI course).

SOCI358-09S2 (C) **Semester 2**

SOCI 360 The Modernity of Religion

28 points 0.2333 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: 44 points of Sociology at 200 level (alternatively students with at least a B average in 88 points in the Arts Schedule may be admitted to one 300-level SOCI course).
R: ANTH 206, ANTH 306, RELS 217, SOCI 260
EQ: ANTH 306

SOCI360-09S2 (C) **Semester 2**

SOCI 361 Contesting Social Orders: Social Movements and Change

28 points 0.2333 EFTS

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: 44 points of Sociology at 200 level (alternatively students with at least a B average in 88 points in the Arts Schedule may be admitted to one 300-level SOCI course with approval of the Programme Coordinator).
R: SOCI 261

SOCI361-09S1 (C) **Semester 1**

SOCI 362 Food and Eating

28 points 0.2333 EFTS

Not Offered in 2009

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: 44 points of Sociology at 200 level (alternatively students with at least a B average in 88 points in the Arts Schedule may be admitted to one 300-level SOCI course).
R: ANTH 208, ANTH 308, GEND 224, GEND 324, SOCI 262
EQ: ANTH 308, GEND 324

SOCI 364 Entertaining Sport: Representations, Fans and Media Technologies

28 points 0.2333 EFTS

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 faciliation and transformation of sports cultures and identities.

P: 44-points in 200 level Sociology or a B average in 88-points in appropriate courses.
R: SOCI 264

SOCI364-09S2 (C) **Semester 2**

SOCI 366 Psychosocial Studies

28 points 0.2333 EFTS

This course will provide students with a grounding in the field of psychosocial studies. Students will learn the analytic methods and tools for a critical understanding of human experience and behaviour. Psychosocial perspectives will be applied to understanding current issues such as health and chronic illness, psychological suffering, psychoanalysis and subjectivity, violence and criminality, group psychology and scapegoating, processes of social exclusion. Examples will be taken from both New Zealand and international contexts.

P: 44 points of Sociology at 200 level or 44 points in Psychology (alternatively students with at least a B average in 88 points in the Arts Schedule may be admitted to one 300-level SOCI course). SOCI 265 or GEND 225 strongly recommended.
R: GEND 326

SOCI366-09S2 (C) **Semester 2**

SOCI 368 The Politics of Need: Globalisation, Poverty and Welfare Provision

28 points 0.2333 EFTS

An advanced course in the study of the changing nature of modern welfare states in the context of globalisation. Prior completion of SOCI 221 (Social Policy) and/or SOCI 242 (Urban Change and Globalisation) would be helpful but is not necessary.

P: 44 points of Sociology at 200 level (alternatively students with at least a B average in 88 points in the Arts Schedule may be admitted to one 300-level SOCI course).
R: SOCI 268, SOCI 348 (prior to 2006), HSRV 205

SOCI368-09S2 (C) **Semester 2**

SOCI 375 Travel and Tourism: Intercultural Perspectives

28 points 0.2333 EFTS

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: 44 points of Sociology at 200 level (alternatively students with at least a B average in 88 points in the Arts Schedule may be admitted to one 300-level SOCI course).
R: ANTH 250, ANTH 350, SOCI 275
EQ: ANTH 350

SOCI375-09S2 (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.

SOCI 401 People and Things

0.2500 EFTS

Not Offered in 2009

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

SOCI 402 Social Research: Methods and Processes

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.

SOCI402-09S1 (C) **Semester 1**

SOCI 403 Sociology of Gender

0.2500 EFTS

Not Offered in 2009

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 407 Topics in Political Sociology

0.2500 EFTS

Not Offered in 2009

This course focuses on health politics and policy with attention both to history and emerging issues.

P: Subject to approval of the Head of School.

SOCI 408 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 the Head of School.
R: GEND 408, HSRV 422

SOCI408-09S1 (C) **Semester 1**

SOCI 409 Social Theory and the City

0.2500 EFTS

Not Offered in 2009

This course is concerned with developing an understanding of urban and regional change.

P: Subject to approval of the Head of School.

SOCI 411 Social Policy

0.2500 EFTS

Not Offered in 2009

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

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: HAPS 413, HSRV 413
EQ: HSRV 413

SOCI413-09S2 (C) **Semester 2**

SOCI 418 Social Impact Assessment

0.2500 EFTS

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 of the Head of School.
R: HAPS 413
EQ: HAPS 413

SOCI418-09S2 (C) **Semester 2**

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.

SOCI422-09S2 (C) **Semester 2**

SOCI 425 Sociology of Sport

0.2500 EFTS

This course will explore contemporary explanations of sport and leisure.

P: Subject to approval of the Head of School.

SOCI425-09S1 (C) **Semester 1**

SOCI 426 Collective Behaviour

0.2500 EFTS

Not Offered in 2009

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

P: Subject to approval of the Head of School.

SOCI 428 Diaspora, Migration, Identities

0.2500 EFTS

Not Offered in 2009

This course aims to provide students with a methodological framework for a sociologically informed study of international migration.

P: Subject to approval of the Head of School.

SOCI 429 Rural Social Change

0.2500 EFTS

Not Offered in 2009

This course will explore the linkages between the rural sector and the economy as a whole as well as how gender, ethnic and class inequalities structure rural lives.

P: Subject to approval of the Head of School.

SOCI 430 Science, Technology and the Politics of Knowledge

0.2500 EFTS

Not Offered in 2009

This course will look at a number of debates in the broad area of the Sociology of Science, Technology and the Politics of Knowledge. 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 of the Head of School.
R: HAPS 412
EQ: HAPS 412

SOCI 444 Deconstructing Death

0.2500 EFTS

This course offers sociologically orientated analyses of death in a global age. It examines ways in which different aspects of death and dying are taking shape in an age defined through and informed by globally orientated issues and concerns by way of key debates on globalisation and the sociology of death and dying literature.

P: Subject to the approval of the Head of School

SOCI444-09S1 (C) **Semester 1**

SOCI 466 Psychoanalysis and Contemporary Society

0.2500 EFTS

This course will provide an indepth critical examination of psychoanalytic theory and examine claims that psychoanalytic practice is a critical and transformative social intervention.

P: Subject to the approval of Head of School.
R: GEND 426

SOCI466-09S2 (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.

SOCI470-09S1 (C) **Semester 1**

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.

SOCI471-09S2 (C) **Semester 2**

SOCI 477 Popular Music Culture

0.2500 EFTS

Not Offered in 2009

This course will provide students with a methodological framework for the sociological analysis of popular music culture.

P: Subject to approval of the Head of School.

SOCI 690 MA Thesis

1.0000 EFTS

P: Subject to approval of the Head of Department.

SOCI690-09A (C) **Starts Anytime**

Note: 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.

SOCI790-09A (C) **Starts Anytime**

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

**From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Soil Science

School of Forestry

SOIL 203 Soil Fertility

22 points 0.1833 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: 36 points from CHEM, GEOL or BIOL.
R: SOIL 201

SOIL203-09S2 (C) **Semester 2**

Note: Limited entry. See limitation of entry regulations.

South Asia Studies

College of Arts

SAST 101 Destination India - An Introductory Journey

18 points 0.1500 EFTS

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.

SAST101-09S1 (C) **Semester 1**

SAST 102 Desire and Deliverance in Asian Religions: The Tantric Tradition

18 points 0.1500 EFTS

Not Offered in 2009

R: RELS 104
EQ: RELS 104

SAST 201 India: Harappa to Taj Mahal

22 points 0.1833 EFTS

Not Offered in 2009

A social, cultural and political History of India from pre-history to the decline of the Mughal empire.

P: Either 18 points in SAST at B grade or better or 36 points in SAST with a passing grade. Alternatively, a B average in 72 points in appropriate courses 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

22 points 0.1833 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 18 points in SAST at B grade or better or 36 points in SAST with a passing grade. Alternatively, a B average in 72 points in appropriate courses with the approval of the SAST Programme Coordinator.
R: HIST 279, HIST 367, HIST 441, SAST 302
EQ: HIST 279

SAST202-09S1 (C) **Semester 1**

SAST 203 Life and Times of Mahatma Gandhi

22 points 0.1833 EFTS

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: Either 18 points in SAST at B grade or better or 36 points in SAST with a passing grade. Alternatively, a B average in 72 points in appropriate courses with the approval of the SAST Programme Coordinator.
R: HIST 260, HIST 383, SAST 303
EQ: HIST 260

SAST203-09SU1 (C) **Summer (Jan 09)**

SAST 204 World Music 2 - Himalayas

22 points 0.1833 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: Either 18 points in SAST at B grade or better or 36 points in SAST with a passing grade. Alternatively, a B average in 72 points in appropriate courses with the approval of the SAST Programme Coordinator.
R: MUSI 252, MUSI 352, MUSI 310 (1995), SAST 304
EQ: MUSI 252

SAST204-09S2 (C) **Semester 2**

SAST 205 Hindu Myth and Ritual

22 points 0.1833 EFTS

Not Offered in 2009

Introduction to the Hindu tradition with some attention to Jainism and Sikhism with reference to history, doctrines, iconography, ritual practice and social expressions.

P: Either 18 points in SAST at B grade or better or 36 points in SAST with a passing grade. Alternatively, a B average in 72 points in appropriate courses with the approval of the SAST Programme Coordinator.
R: RELS 228
EQ: RELS 228

SAST 302 Social and Cultural History of India

28 points 0.2333 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 as contexts for regulation of and resistance to cultural and political authority at different times in Indian history.

P: Either 44 points in SAST at 200-level or 36 points in SAST at 100-level plus 22 points in SAST at 200 level. Students without these prerequisites but with 58 points in appropriate courses may enter the course with the approval of the Programme Coordinator.
R: HIST 279, HIST 367, HIST 441, SAST 202
EQ: HIST 367

SAST302-09S1 (C) **Semester 1**

SAST 303 Special Topic: Life and Times of Mahatma Gandhi

28 points 0.2333 EFTS

Not Offered in 2009

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: Either 44 points in SAST at 200-level or 36 points in SAST at 100-level plus 22 points in SAST at 200 level. Students without these prerequisites but with 58 points in appropriate courses may enter the course with the approval of the Programme Coordinator.
R: HIST 260, HIST 383, SAST 203
EQ: HIST 383

SAST 304 World Music 2 - Himalayas

28 points 0.2333 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: Either 44 points in SAST at 200-level or 36 points in SAST at 100-level plus 22 points in SAST at 200 level. Students without these prerequisites but with 58 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 252

SAST304-09S2 (C) **Semester 2**

SAST 305 Hindu Goddesses: Myth, Ritual and History of the Divine Feminine

28 points 0.2333 EFTS

Not Offered in 2009

A study of selected aspects of the Hindu tradition.

P: Either 44 points in SAST at 200-level or 36 points in SAST at 100-level plus 22 points in SAST at 200 level. Students without these prerequisites but with 58 points in appropriate courses may enter the course with the approval of the Programme Coordinator.
R: RELS 311
EQ: RELS 311

SAST 310 Introduction to Classical Sanskrit

28 points 0.2333 EFTS

Not Offered in 2009

P: Either 44 points in SAST at 200-level or 36 points in SAST at 100-level plus 22 points in SAST at 200 level. Students without these prerequisites but with 58 points in appropriate courses may enter the course with the approval of the Programme Coordinator.
R: RELS 340
EQ: RELS 340

Spanish

College of Arts

SPAN 101 Beginners' Spanish A

18 points 0.1500 EFTS

An introductory language course for students with no previous knowledge of Spanish.

SPAN101-09S1 (C) **Semester 1**

SPAN 102 Beginners' Spanish B

18 points 0.1500 EFTS

A language course following on from SPAN 101, for those with limited knowledge of Spanish.

P: SPAN 101 or equivalent

SPAN102-09S2 (C) **Semester 2**

SPAN 111 Introduction to Hispanic Culture

18 points 0.1500 EFTS

This panoramic course, conducted in English, provides students with a historical and cultural view of the Hispanic World.

SPAN111-09S1 (C) **Semester 1**

SPAN 201 Intermediate Spanish Language A

22 points 0.1833 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.

SPAN201-09S1 (C) **Semester 1**

SPAN 202 Intermediate Spanish Language B

22 points 0.1833 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.

SPAN202-09S2 (C) **Semester 2**

SPAN 203 Spanish Conversation and Pronunciation

22 points 0.1833 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

SPAN203-09S2 (C) **Semester 2**

SPAN 301 Advanced Spanish A

28 points 0.2333 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.

SPAN301-09S1 (C) **Semester 1**

SPAN 302 Advanced Spanish B

28 points 0.2333 EFTS

This course is a continuation of SPAN301. Students' linguistic skills will be improved and reinforced through extended readings, written assignments and aural/oral activities in class. Grammar will be taught in a cultural content-based context. By the end of this course, students will have a broader knowledge of Hispanic cultures; students will be able to communicate more effectively (orally and in writing) with native and other competent speakers.

P: SPAN 301

SPAN302-09S2 (C) **Semester 2**

SPAN 303 Introduction to Hispanic Literature

28 points 0.2333 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).

P: SPAN 202

SPAN303-09S1 (C) **Semester 1**

SPAN 304 Introductory Readings in Latin American Literature

28 points 0.2333 EFTS

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.

P: SPAN 202 or equivalent

SPAN304-09S2 (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.

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

R: FREN 417

LANC401-09S1 (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.

SPAN401-09W (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.

SPAN402-09W (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.

SPAN403-09W (C) **Whole Year (S1 and S2)**

SPAN 404 Readings in Hispanic History

0.2500 EFTS

This course provides a chronological and comparative analysis of the historical moments and factors that shaped the modern Spanish and Latin American nations, including colony, empire, state, republic, monarchy, democracy, and major religious and cultural issues such as the ethics and functionality of "good and evil" and the significance of race, sex, gender, slavery, and liberation theology.

P: Subject to approval of the Programme Director. Note: No knowledge of the Spanish language is required.

SPAN404-09W (C) **Whole Year (S1 and S2)**

SPAN 410 Special Topic
0.2500 EFTS
P: Subject to approval of the Head of Department
SPAN410-09W (C) **Whole Year (S1 and S2)**

SPAN 411 Research Essay
0.2500 EFTS
P: Subject to approval of the Programme Director.
SPAN411-09W (C) **Whole Year (S1 and S2)**

SPAN 412 Special Topic on Spanish Language
0.2500 EFTS
P: Subject to approval of the Programme Director
SPAN412-09W (C) **Whole Year (S1 and S2)**

SPAN 690 MA Thesis
1.0000 EFTS
P: Subject to approval of the Head of School.
SPAN690-09A (C) **Starts Anytime**
Note: 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
SPAN790-09A (C) **Starts Anytime**
Note: Part-time enrolment (0.65 EFTS) is available on approval.
**From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Speech and Language Therapy

Refer to Communication Disorders on page 528.

Statistics

Department of Mathematics and Statistics

STAT 111 Statistics 1
18 points 0.1500 EFTS
Using statistics in real life situations. Emphasis on actual problems and real data sets. Introduction to Excel.
R: STAT 112, STAT 131
STAT111-09W (C) **Whole Year (S1 and S2)**

STAT 112 Statistics 1
18 points 0.1500 EFTS
Using statistics in real life situations. Emphasis on actual problems and real data sets. Introduction to Excel.
R: STAT 111, STAT 131
STAT112-09S1 (C) **Semester 1**
STAT112-09S2 (C) **Semester 2**

STAT 131 Statistics 1A
18 points 0.1500 EFTS
Not Offered in 2009
Using statistics in real life situations. Emphasis on actual problems and real data sets. Introduction to Excel. This course assumes that students have a high level of achievement in school mathematics or statistics.
R: STAT 111, STAT 112

STAT 212 Statistical Distributions
11 points 0.0917 EFTS
Distribution and densities, expectations, moments and MGF, discrete distributions, continuous distributions, sampling distributions.
P: (1) MATH 104 or MATH 105 or MATH 106 or MATH 107 or MATH 108 or MATH 109 or MATH 199; (2) STAT 111 or STAT 112 or STAT 131.
R: STAT 221, STAT 223, STAT 231
STAT212-09S1 (C) **Semester 1**

STAT 214 Statistical Inference
11 points 0.0917 EFTS
Point estimation, confidence intervals, hypothesis testing, likelihood, linear models, regression and analysis of variance.
P: (1) STAT 111 or STAT 112, (2) MATH 108 or MATH 109 or MATH 199
R: STAT 221
STAT214-09S2 (C) **Semester 2**

STAT 216 Probability
11 points 0.0917 EFTS
Combinatorial probability, distribution theory, Markov chains and stochastic systems.
P: STAT 111 or STAT 112 or MATH 108 or MATH 109 or MATH 199
R: STAT 231, MATH 223
STAT216-09S1 (C) **Semester 1**

STAT 218 Computational Methods in Statistics
11 points 0.0917 EFTS
The power of modern computers has unleashed new ways of thinking about statistics and implementing statistical solutions. This course introduces the student to computational techniques with uses ranging from exploratory data analysis to statistical inference. These techniques are now widely used and are fast becoming indispensable in the modern statistical toolkit. The course will provide the student with a sound understanding of the computational methods and hands-on experience in implementing and using them. Topics include generation of random variables,

Monte Carlo integration and importance sampling, bootstrap methods, Markov chain Monte Carlo, kernel density estimation and regression, classification and regression trees.

P: STAT 111 or STAT 112 or MATH 108 or MATH 109 or MATH 115 or MATH 171 or MATH 199

STAT218-09S2 (C) **Semester 2**

STAT 222 Applied Statistics

11 points 0.0917 EFTS

A practical introduction to commonly used statistical practices. The emphasis is on real data and the application of statistical techniques.

P: STAT 111 or STAT 112 or STAT 131
R: FORE 222, FORE 210, STAT 220

STAT222-09S1 (C) **Semester 1**

STAT 224 Regression Modelling

11 points 0.0917 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 111 or STAT 112 or STAT 131
R: FORE 224, FORE 210, STAT 220

STAT224-09S2 (C) **Semester 2**

STAT 305 Statistics Project

14 points 0.1167 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.

P: 33 points from STAT 210-299, and approval of HOD.
R: MATH 305

STAT305-08SU2 (C) **Summer (Nov 08)**

STAT 312 Sampling Methods

14 points 0.1167 EFTS

Sampling techniques and designs. Special sampling designs for surveys of animal populations.

P: 11 pts from STAT 212, STAT 214, STAT 222, STAT 224 and a further 11 pts from STAT 210 to STAT 299.

STAT312-09S1 (C) **Semester 1**

STAT 313 Computational Statistics

14 points 0.1167 EFTS

Data analysis and statistical inference based on permutation methods, EDF methods, bootstrap and resampling methods, kernel methods and Markov chain methods.

P: (1) 11 points from STAT 212, STAT 214, STAT 222, STAT 224 and a further 11 points from STAT 210 to STAT 299; (2) MATH 108 or MATH 109 or MATH 199
RP: STAT 218, and either MATH 109 or MATH 199

STAT313-09S2 (C) **Semester 2**

STAT 314 Bayesian Inference

14 points 0.1167 EFTS

Estimation and testing from the Bayesian viewpoint.

P: (1) 11pts from STAT 212, STAT 214 and a further 11 pts from STAT 210 to STAT 299. (2) MATH 109 or MATH 199
RP: STAT 212 and STAT 214

STAT314-09S1 (C) **Semester 1**

STAT 315 Multivariate Statistical Methods

14 points 0.1167 EFTS

Detailed study of multivariate methods. Application of multivariate methods, test statistics and distributions.

P: 11pts from STAT 212, STAT 214, STAT 222, STAT 224 and a further 11 pts from STAT 210 to STAT 299.
RP: MATH 252 or MATH 254

STAT315-09S2 (C) **Semester 2**

STAT 316 Applied Stochastic Modelling

14 points 0.1167 EFTS

Theory and applications of Markov processes. Applications to population dynamics, queuing and reliability.

P: (1) 11 points from STAT 212, STAT 214, STAT 216 and a further 11 points from STAT 210 to STAT 299; (2) MATH 109 OR MATH 199.
R: MATH 376
EQ: MATH 376
RP: STAT 212, STAT 216 and 11 points from MATH 252, MATH 254, MATH 261, MATH 262, MATH 264, EMTH 202, EMTH 203,EMTH 204

STAT316-09S2 (C) **Semester 2**

STAT 317 Time Series Methods

14 points 0.1167 EFTS

Analysis of sequentially collected data including data modelling and forecasting techniques.

P: (1) 11 points from STAT 212, STAT 214, STAT 222, STAT 224 and a further 11 points from STAT 210 to STAT 299, ECON 211 and MSC1210; (2) MATH 109 or MATH 199
RP: 11 points from MATH 251, MATH 252, MATH 254 and 11 pts from MATH 271, MATH 282, STAT 216

STAT317-09S1 (C) **Semester 1**

STAT 318 Data Mining

14 points 0.1167 EFTS

Parametric and non-parametric statistical methodologies and algorithms for data mining.

P: (1) 11 points from STAT 210 to 299; (2) 11 points from the STAT 210 to 299, or COSC 200 to 299 or any other relevant subject with Head of Department approval.

STAT318-09S2 (C) **Semester 2**

STAT 391 Special Topic: Generalised Linear Models

14 points 0.1167 EFTS

P: Subject to the approval of the Head of Department

STAT391-09S1 (C) **Semester 1**

STAT391-09S2 (C) **Semester 2**

STAT 392 Special Topic
14 points 0.1167 EFTS

STAT392-09S1 (C) **Semester 1**
STAT392-09S2 (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.

STAT 405 Bioinformatics
0.1250 EFTS

P: Subject to approval of the Head of Department.

STAT405-09S1 (C) **Semester 1**
STAT405-09S2 (C) **Semester 2**

STAT 440 Probability Theory
0.1250 EFTS

P: Subject to approval of the Head of Department.

STAT440-09S1 (C) **Semester 1**
STAT440-09S2 (C) **Semester 2**

STAT 445 Multivariate and Financial Time Series
0.1250 EFTS

P: Subject to approval of the Head of Department

STAT445-09S1 (C) **Semester 1**
STAT445-09S2 (C) **Semester 2**

STAT 446 Generalised Linear Models
0.1250 EFTS

P: Subject to approval of the Head of Department

STAT446-09S1 (C) **Semester 1**
STAT446-09S2 (C) **Semester 2**

STAT 449 Project
0.2500 EFTS

P: Subject to approval of the Head of Department.

STAT449-09W (C) **Whole Year (S1 and S2)**

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.

STAT450-09S1 (C) **Semester 1**
STAT450-09S2 (C) **Semester 2**

STAT 451 Survival and Counting Process Methods
0.1250 EFTS

P: Subject to approval of the Head of Department.

STAT451-09S1 (C) **Semester 1**
STAT451-09S2 (C) **Semester 2**

STAT 452 Applied Statistics
0.1250 EFTS

P: Subject to approval of Head of Department

STAT452-09S1 (C) **Semester 1**
STAT452-09S2 (C) **Semester 2**

STAT 453 Mathematical Statistics
0.1250 EFTS

P: Subject to approval of the Head of Department.

STAT453-09S1 (C) **Semester 1**
STAT453-09S2 (C) **Semester 2**

STAT 454 Analysis of Longitudinal data
0.1250 EFTS

P: Subject to approval of the Head of Department.

STAT454-09S1 (C) **Semester 1**
STAT454-09S2 (C) **Semester 2**

STAT 455 Sampling Methods
0.1250 EFTS

P: Subject to approval of the Head of Department.

STAT455-09S1 (C) **Semester 1**
STAT455-09S2 (C) **Semester 2**

STAT 456 Time Series and Stochastic Processes
0.1250 EFTS

P: Subject to approval of the Head of Department.

STAT456-09S1 (C) **Semester 1**
STAT456-09S2 (C) **Semester 2**

STAT 457 Nonparametric Methods
0.1250 EFTS

P: Subject to approval of the Head of Department.

STAT457-09S1 (C) **Semester 1**
STAT457-09S2 (C) **Semester 2**

STAT 458 Applied Stochastic Modelling
0.1250 EFTS

P: Subject to approval of the Head of Department.

STAT458-09S1 (C) **Semester 1**
STAT458-09S2 (C) **Semester 2**

STAT 459 Computational Statistics
0.1250 EFTS

P: Subject to approval of the Head of Department.

STAT459-09S1 (C) **Semester 1**
STAT459-09S2 (C) **Semester 2**

STAT 460 Extreme Value Statistics
0.1250 EFTS

P: Subject to approval of the Head of Department

STAT460-09S1 (C) **Semester 1**
STAT460-09S2 (C) **Semester 2**

STAT 461 Bayesian Inference

0.1250 EFTS

P: Subject to approval of the Head of Department

STAT461-09S1 (C) **Semester 1**
STAT461-09S2 (C) **Semester 2**

STAT 462 Data Mining

0.1250 EFTS

P: Subject to approval of the Head of Department

STAT462-09S1 (C) **Semester 1**
STAT462-09S2 (C) **Semester 2**

STAT 463 Multivariate Statistical Methods

0.1250 EFTS

P: Subject to approval of the Head of Department.

STAT463-09S1 (C) **Semester 1**
STAT463-09S2 (C) **Semester 2**

STAT 464 Statistical Inference

0.1250 EFTS

P: Subject to approval of the Head of Department.

STAT464-09S1 (C) **Semester 1**
STAT464-09S2 (C) **Semester 2**

STAT 470 Special Topic in Statistics

0.1250 EFTS

STAT470-09S1 (C) **Semester 1**
STAT470-09S2 (C) **Semester 2**

STAT 471 Special Topic in Statistics

0.1250 EFTS

STAT471-09S1 (C) **Semester 1**
STAT471-09S2 (C) **Semester 2**

STAT 472 Special Topic in Statistics

0.1250 EFTS

STAT472-09S1 (C) **Semester 1**
STAT472-09S2 (C) **Semester 2**

STAT 474 Special Topic in Statistics

0.1250 EFTS

STAT474-09S1 (C) **Semester 1**
STAT474-09S2 (C) **Semester 2**

STAT 475 Independent Course of Study

0.1250 EFTS

STAT475-08SU2 (C) **Summer (Nov 08)**
STAT475-09SU1 (C) **Summer (Jan 09)**
STAT475-09S1 (C) **Semester 1**
STAT475-09W (C) **Whole Year (S1 and S2)**
STAT475-09S2 (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.

STAT491-08SU2 (C) **Summer (Nov 08)**

STAT 690 MSc Thesis

1.0000 EFTS

P: Subject to approval of the Head of Department.

STAT690-09A (C) **Starts Anytime**

Note: 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.

STAT695-09A (C) **Starts Anytime**

STAT 790 Statistics PhD

1.0000 EFTS

P: Subject to approval of the Head of Department.

STAT790-09A (C) **Starts Anytime**

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

**From 1 January 2008, international students who are residing in New Zealand on a NZ Immigration Study Visa pay the Domestic Fee for this course. International fees apply for all other courses.*

Te Reo Maori

College of Arts

TREO 110 Conversational Maori for Absolute Beginners

18 points 0.1500 EFTS

A beginner's paper in Maori language for those with no previous background in Te Reo Maori. 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 Maori 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, TREO 111, TREO 112

TREO110-09SU1 (C) **Summer (Jan 09)**
TREO110-09S1 (C) **Semester 1**
TREO110-09S2 (C) **Semester 2**

TREO 111 Te Reo: Te Kakano - Introductory Language 1

18 points 0.1500 EFTS

An entry level course for those who already have some background in Te Reo Maori 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 Maori language or a suitable equivalent is advised.

R: MAOR 105, MAOR 110, MAOR 111, MAOR 115, MAOR 124, MAOR 125

TREO111-09S1 (C) **Semester 1**

TREO 112 Te Reo: Te Kakano - Introductory Language 2

18 points 0.1500 EFTS

A second level beginners' course in Maori 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: TREO 111, or MAOR 111, or MAOR 124 or MAOR 125 or 18 credits in NCEA Te Reo Maori 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

TREO112-09S2 (C) **Semester 2**

TREO 180 Reo Rumaki - Immersion 1

18 points 0.1500 EFTS

A paper suited to students who have previous knowledge of te reo Maori. Set in a total immersion environment, students can actively engage in conversational Maori language that has been learnt in previous language papers and learn new concepts regarding immersion based learning. Students must have already attained a beginners level of te reo Maori at a tertiary level to enrol in this paper.

P: TREO 110, 111 or 112 or equivalent fluency via approval of Undergraduate Te Reo Maori Coordinator

TREO180-08SU2 (C) **Summer (Nov 08)**

TREO 220 Maori and Indigenous Language Revitalisation

22 points 0.1833 EFTS

Maori language plays an important role in expressing Maori cultural identity. This course contextualises identity needs within a historical and contemporary analysis of the Maori language revitalisation movement and endangered language studies worldwide.

P: Any 18 points in 100-level courses in Aotahi: School of Maori and Indigenous Studies or 36 points in 100-level courses in Arts, Education, Fine Arts, Music and Social Work, or by permission of the Head of the School.

R: MAOR 220, LING 209

EQ: MAOR 220

TREO220-09S2 (C) **Semester 2**

TREO 260 Te Reo: Te Pihinga - Intermediate Language

44 points 0.3667 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 TREO 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

TREO260-09W (C) **Whole Year (S1 and S2)**

TREO 280 Reo Rumaki - Immersion 2

22 points 0.1833 EFTS

A paper suited to students who have previous competency in speaking te reo Maori. Set in a total immersion environment, students can actively engage in conversational Maori language that has been learnt in previous language papers and learn new concepts regarding immersion based learning. Students must have already attained a level of te reo Maori at a tertiary level where they can converse in te reo to successfully participate in this paper.

P: TREO 260 or equivalent via approval of Undergraduate Te Reo Maori Coordinator

TREO280-08SU2 (C) **Summer (Nov 08)**

TREO 282 Kapa Haka - Introducing Maori Performing Arts

22 points 0.1833 EFTS

Suited for Maori and non-Maori, performance competent and non-experienced learners, language and non-language students, this introductory course explores the mythological origins of Maori performing arts, the form, style and performance of moteatea (traditional song and poetry), waiata-a-ringa (action songs), poi and haka, the renaissance of kapa haka and its place in Maori culture and society.

P: Any 18 points in 100-level courses in Aotahi: School of Maori and Indigenous Studies or 36 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

TREO282-09S2 (C) **Semester 2**

TREO 360 Te Reo: Te Mahuri: Advanced Maori Language

56 points 0.4667 EFTS

To increase the depth of knowledge and skill in delivery of the students' Maori language so that they will have a clearer understanding of the oral and written traditions of ancient Maori society and the working language of today's Maori world and be able to converse more effectively in Maori. Students will be encouraged to speak and write about their thoughts on topics to be decided. The language of instruction is the Maori 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,

Please check www.canterbury.ac.nz/courses for the latest course information.

or with prior learning and ability by permission of Head of School.
R: MAOR 325, MAOR 350, MAOR 360
EQ: MAOR 360

TREO360-09W (C) **Whole Year (S1 and S2)**

TREO 382 Mahi-a-Rehia: Advanced Maori Performing Arts

28 points 0.2333 EFTS

Aimed at experienced performers this course explores the main elements of moteatea, waiata-a-ringa, poi and haka, while introducing mau rakau (taiaha, patu and tewhatewha) and taonga puoro (purerehua, hue, putatara, pukaea, koauau and putorino) to emphasise performance based kapa haka, including composing, planning sets, achieving balance between traditional and contemporary elements, kakahu (costume) and the dynamics and parameters of theatre in performance.

P: Any 22 points in 200-level courses in Aotahi: School of Maori and Indigenous Studies or 44 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

TREO382-09S1 (C) **Semester 1**

Theatre and Film Studies

College of Arts

TAFS 101 Performance

18 points 0.1500 EFTS

An introduction to the study of performance from a variety of disciplines and perspectives. Practical and/or fieldwork is required.

TAFS101-09S1 (C) **Semester 1**

TAFS 102 Contemporary World Cinema

18 points 0.1500 EFTS

This course looks at recent films from New Zealand and around the world in order to provide a critical view of the art and industry of making film now. Practical work is required.

TAFS102-09S2 (C) **Semester 2**

TAFS 103 New Zealand Theatre and Performance

18 points 0.1500 EFTS

Not Offered in 2009

This course studies theatre and performance as manifestations and explorations of cultural identity in New Zealand. Practical work is required.

TAFS 104 New Zealand Film

18 points 0.1500 EFTS

Not Offered in 2009

This course traces the development of a national cinema in New Zealand. Practical work is required.

TAFS 208 Theatre: Mask and Character

22 points 0.1833 EFTS

An introduction to the history of theatre from religious ritual to social role. Practical work is required.

P: Any 72 points, or equivalent preparation with approval of the HOD.
R: TAFS 205-TAFS 207
RP: TAFS 101, TAFS 102, TAFS 103, TAFS 104

TAFS208-09S1 (O) **Semester 1**

TAFS 209 Theatre: Realism and Beyond

22 points 0.1833 EFTS

An investigation of imitation and representation in theatre from European naturalism to New Zealand drama. Practical work is required.

P: Any 72 points, or equivalent preparation with approval of the HOD.
R: TAFS 205-TAFS 207
RP: TAFS 101, TAFS 102, TAFS 103, TAFS 104

TAFS209-09S2 (O) **Semester 2**

TAFS 216 Early and Classical Cinema

22 points 0.1833 EFTS

An introduction to theory and history of film from early cinema to the classical Hollywood system. Practical film/video work is required.

P: Any 72 points, or equivalent preparation with approval of the HOD.
R: ARTT 205, TAFS 215, ARTH 212
EQ: ARTH 212
RP: TAFS 101, TAFS 102, TAFS 103, TAFS 104.

TAFS216-09S1 (C) **Semester 1**

TAFS 217 Popular and Art Film

22 points 0.1833 EFTS

An investigation into the relationships between popular or genre film and the art film. Practical film/video work is required.

P: Any 72 points, or equivalent preparation with approval of the HOD.
R: TAFS 215, ARTH 213, ARTT 206
EQ: ARTH 213
RP: TAFS 101, TAFS 102, TAFS 103, TAFS 104

TAFS217-09S2 (C) **Semester 2**

TAFS 218 Animated Film

22 points 0.1833 EFTS

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 72 points, or equivalent preparation with the permission of the HOD.
RP: TAFS 101, TAFS 102, TAFS 103, TAFS 104

TAFS218-09SU1 (C) **Summer (Jan 09)**

TAFS 220 Special Topic: Representing the Holocaust in Theatre and Film

22 points 0.1833 EFTS

P: Any 72 points, or equivalent preparation as approved by HOD.

R: TAFS 320

RP: TAFS 101, TAFS 102, TAFS 103, TAFS 104

TAFS220-09S1 (O) **Semester 1**

TAFS 221 Special Topic: The Performance of the Body in Theatre and Film

22 points 0.1833 EFTS

P: Any 72 points, or equivalent preparation as approved by HOD.

R: TAFS 321

RP: TAFS 101, TAFS 102, TAFS 103, TAFS 104

TAFS221-09S2 (O) **Semester 2**

TAFS 301 Theory and Practice of Modern Theatre

56 points 0.4667 EFTS

Not Offered in 2009

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 208 and TAFS 209, or one of TAFS 205-TAFS 207, or equivalent preparation with the approval of the Head of Department. 2) Interview with Course Convenor and approval by HoD required. See Dept.

Note: Limited entry. See limitation of entry regulations.

TAFS 311 Cinema and Modernity

28 points 0.2333 EFTS

Avant-garde and popular constructions of modernity and postmodernity in film. Practical film/video work is required.

P: TAFS 215, or both TAFS 216 and TAFS 217, or appropriate courses in Film studies or related areas with HOD approval.

R: CULT 311

EQ: CULT 311

TAFS311-09S1 (C) **Semester 1**

TAFS 312 Documentary and the Essay Film

28 points 0.2333 EFTS

This course investigates how documentary film portrays and explores the "real". Practical film/video work is required.

P: TAFS 215, or both TAFS 216 and TAFS 217, or appropriate courses in Film studies or related areas with HOD approval.

R: CULT 312

EQ: CULT 312

TAFS312-09S2 (C) **Semester 2**

TAFS 320 Special Topic: Representing the Holocaust in Theatre and Film

28 points 0.2333 EFTS

P: Any 72 points, or equivalent preparation as approved by HOD.

R: TAFS 220

RP: TAFS 101, TAFS 102, TAFS 103, TAFS 104

TAFS320-09S1 (O) **Semester 1**

TAFS 321 Special Topic: The Performance of the Body in Theatre and Film

28 points 0.2333 EFTS

P: Any 72 points, or equivalent preparation as approved by the Head of Department.

R: TAFS 221

RP: TAFS 101, TAFS 102, TAFS 103, TAFS 104.

TAFS321-09S2 (O) **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.

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.

TAFS401-09S1 (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

TAFS402-09S2 (C) **Semester 2**

TAFS 403 Greek and Roman Theatre

0.2500 EFTS

Not Offered in 2009

Studies in text and theory of performance.

P: Subject to approval of the Head of Department.

R: CLAS 412

EQ: CLAS 412

TAFS 404 Special Topic

0.2500 EFTS

P: Subject to approval of the Head of Department.

TAFS404-09W (C) **Whole Year (S1 and S2)**

TAFS 405 Supervised Research

0.2500 EFTS

P: Subject to approval of the Head of Department.

TAFS405-09W (C) **Whole Year (S1 and S2)**
TAFS405-09S1 (C) **Semester 1**
TAFS405-09S2 (C) **Semester 2**

TAFS 406 Women/Theory/Film

0.2500 EFTS

This course investigates the changing place of women in film: as a glamorised spectacle and cultural commodity, as spectators and consumers, and also as creators and theorists.

P: Subject to approval of the Head of Department.
R: GEND 413

TAFS406-09S1 (C) **Semester 1**

TAFS 407 Cinema and Nation

0.2500 EFTS

This course analyses the way in which cinema presents images of national identity and participates in constituting the very idea of Nation and nationality. Practical film/video work is required.

P: Subject to approval of the Head of Department.

TAFS407-09S1 (C) **Semester 1**

TAFS 410 Special Topic

0.2500 EFTS

P: Subject to approval of the Head of Department.

TAFS410-09W (C) **Whole Year (S1 and S2)**

TAFS 411 Special Topic: Performing Maori

0.2500 EFTS

This course introduces students to performance ethnography. Fieldwork is required.

P: Subject to approval of the Head of Department.

TAFS411-09S1 (C) **Semester 1**

TAFS 412 Special Topic

0.2500 EFTS

P: Subject to approval of the Head of Department.

TAFS412-09S2 (C) **Semester 2**

TAFS 480 Practical 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.

TAFS480-09S2 (C) **Semester 2**

TAFS 690 MA Thesis

1.0000 EFTS

P: Subject to approval of the Head of Department.

TAFS690-09A (C) **Starts Anytime**

Note: 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.

TAFS790-09A (C) **Starts Anytime**

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

Transportation Engineering

Department of Civil and Natural Resources Engineering

ENTR 401 Fundamentals of Transport Engineering

12 points 0.1000 EFTS

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.

P: Subject to approval of the Head of Department.
R: ENCI 412

ENTR401-09X (D) **Refer to website for dates**

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 2009

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 Head of Department.

ENTR 603 Advanced Pavement Design

0.1000 EFTS

Stresses, strains and deflections in flexible and rigid pavements; pavement materials characterization; mechanistic and mechanistic-empirical design methods; pavement performance and evaluation.

P: Subject to approval of the Head of Department.

ENTR603-09X (C) **Refer to website for dates**

ENTR 604 Pavement Management Systems

0.1000 EFTS

Pavement 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 Head of Department.

ENTR604-09X (C) **Refer to website for dates**

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 Head of Department

ENTR607-09A (C) **Starts Anytime**

ENTR607-09S1 (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 Head of Department.

ENTR608-09A (C) **Starts Anytime**

ENTR608-09S2 (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 Head of Department.

ENTR609-09A (C) **Starts Anytime**

ENTR609-09W (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 Head of Department.

ENTR610-09A (C) **Starts Anytime**

ENTR610-09W (C) **Whole Year (S1 and S2)**

ENTR 611 Planning and Managing for Transport

0.1000 EFTS

Road and transport administration in NZ; Transport legislative environment in NZ; Communication/presentation skills; Public consultation; Traffic surveys; Transport assessment and economics; Demand management and tolling; Construction planning and contract management.

P: Subject to approval of the Head of Department.

ENTR611-09X (C) **Refer to website for dates**

ENTR 612 Traffic Management Policies

0.1000 EFTS

Not Offered in 2009

Transport economics; Travel demand management; Transport policy objectives and instruments; Traffic management modelling.

P: Subject to approval of the Head of Department.

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 Head of Department.

ENTR613-09A (C) **Starts Anytime**

ENTR 614 Sustainable Transport Planning

0.1000 EFTS

Not Offered in 2009

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 Head of Department.

ENTR 615 Transport Network Modelling

0.1000 EFTS

Not Offered in 2009

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 Head of Department.

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 Head of Department.

R: ENTR 605

ENTR616-09A (C) **Starts Anytime**

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 Head of Department.

R: ENTR 606

ENTR617-09X (C) **Refer to website for dates**

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 Head of Department.

ENTR618-09X (C) **Refer to website for dates**

ENTR 620 Independent Course of Study
0.1000 EFTS

Independent course of study in a special topic.

P: Subject to approval of the Head of Department.

ENTR620-09S1 (C) **Semester 1**
ENTR620-09W (C) **Whole Year (S1 and S2)**
ENTR620-09S2 (C) **Semester 2**

ENTR 680 Project
0.6000 EFTS

P: Subject to approval of the Head of Department.

ENTR680-09A (C) **Starts Anytime**
ENTR680-09W (C) **Whole Year (S1 and S2)**

ENTR 690 MET Thesis (full-time)
1.0000 EFTS

P: Subject to approval of the Head of Department.

ENTR690-09A (C) **Starts Anytime**

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

ENTR 790 Transportation Engineering PhD
1.0000 EFTS

P: Subject to approval of the Head of Department.

ENTR790-09A (C) **Starts Anytime**

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

University Preparation

UC Opportunity

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

PREP 001 Academic Communication and Study Skills
15 points 0.1250 EFTS

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

P: Subject to approval of the Head of Department.
R: PREP 021

PREP001-09P1 (C) **CUP 1**
PREP001-09P2 (C) **CUP 2**
PREP001-09P3 (C) **CUP 3**

PREP 002 Literary Studies - Writers and Contexts
15 points 0.1250 EFTS

An introduction to a selection of literary texts and the contexts in which they were written.

P: Subject to approval of the Head of Department.
R: PREP 022

PREP002-09P1 (C) **CUP 1**

PREP 004 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 Head of Department.
R: PREP 024

PREP004-09P1 (C) **CUP 1**
PREP004-09P2 (C) **CUP 2**
PREP004-09P3 (C) **CUP 3**

PREP 005 Statistics
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 Head of Department.
R: PREP 025

PREP005-09P1 (C) **CUP 1**
PREP005-09P2 (C) **CUP 2**
PREP005-09P3 (C) **CUP 3**

PREP 006 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 Head of Department.
R: PREP 026

PREP006-09P1 (C) **CUP 1**
PREP006-09P2 (C) **CUP 2**
PREP006-09P3 (C) **CUP 3**

PREP 007 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 Head of Department.
R: PREP 027

PREP007-09P1 (C) **CUP 1**
PREP007-09P2 (C) **CUP 2**
PREP007-09P3 (C) **CUP 3**

PREP 008 Information and Communication Technology for Tertiary Study

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 028

PREP008-09P1 (C) **CUP 1**
PREP008-09P2 (C) **CUP 2**
PREP008-09P3 (C) **CUP 3**

PREP 009 Mathematics

15 points 0.1250 EFTS

This course provides an introduction to Mathematics for tertiary study.

P: Subject to approval of the Programme Manager.
R: PREP 029

PREP009-09P1 (C) **CUP 1**
PREP009-09P2 (C) **CUP 2**
PREP009-09P3 (C) **CUP 3**

PREP 010 Chemistry

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 030

PREP010-09P1 (C) **CUP 1**
PREP010-09P2 (C) **CUP 2**
PREP010-09P3 (C) **CUP 3**

PREP 011 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: PREP 031, FOUN 063

PREP011-09P1 (C) **CUP 1**
PREP011-09P2 (C) **CUP 2**
PREP011-09P3 (C) **CUP 3**

PREP 013 Film Studies

15 points 0.1250 EFTS

This course provides an introduction to the discipline of film studies.

P: Subject to approval of the Programme Manager
R: PREP 033

PREP013-09P2 (C) **CUP 2**
PREP013-09P3 (C) **CUP 3**

PREP 014 Environmental Studies

15 points 0.1250 EFTS

The course provides students with increased understanding of the links between people and their environments, and raises their awareness of environmental issues. It prepares students for undergraduate studies across a wide range of academic disciplines in the arts and the sciences.

P: Subject to approval of the Programme Manager.

PREP014-09P1 (C) **CUP 1**
PREP014-09P2 (C) **CUP 2**
PREP014-09P3 (C) **CUP 3**

PREP 015 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.

PREP015-09P1 (C) **CUP 1**
PREP015-09P2 (C) **CUP 2**

PREP 016 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.

PREP016-09SU1 (C) **Summer (Jan 09)**
PREP016-09P3 (C) **CUP 3**

PREP 017 Special Topic

15 points 0.1250 EFTS

P: Subject to approval of the Programme Manager.

PREP017-09P1 (C) **CUP 1**
PREP017-09X (C) **Refer to website for dates**
PREP017-09P2 (C) **CUP 2**
PREP017-09S2 (C) **Semester 2**
PREP017-09P3 (C) **CUP 3**

PREP 018 Introduction to 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: EDSL 404

PREP018-09P1 (C) **CUP 1**
PREP018-09P2 (C) **CUP 2**
PREP018-09P3 (C) **CUP 3**

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 BIOL401-409, BIOL430-433, BIOL450-452, BIOL470-476, BIOL490.

P: Subject to approval of the Head of School.
EQ: ZOOL 471

ZOOL480-09W (C) **Whole Year (S1 and S2)**

ZOOL 690 MSc Thesis

1.0000 EFTS

P: Subject to approval of the Head of School.

ZOOL690-09A (C) **Starts Anytime**

Note: 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.

ZOOL790-09A (C) **Starts Anytime**

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