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.

Pa e	S b ec	Pa e	S b ec
463	A		
46	A		
474	A		
475	A		
47	A		
4 0	A		
4 1	A		
4 1	A		
4 4	A		
4 5	A		
4 6	A		
4	A		
4 0			
4 2			
4 2			
4			
4			
4	A		
504			

Accounting and Information Systems

Department of Accounting and Information Systems

SU[e2CBD

SU[e2HDH2 Sv©s¡uwv2[¦¦¨w¦2{¡2fs«s§{¢¡2:Z;
0.1250 EFTS

P: Subject to approval of the Head of Department.
R: AFIS 626
SU[eHDH?BKeD2:U;2 ew w¦§w¥2D

SU[e2HDK2 e£wu{s-2f¢£{u2:Z;2[e2Us¦w2e§¨v¬
0.1250 EFTS

Students undertake an organisation based project related

SU[e2HKB2 _U¢ 2fzw¦{¦
1.0000 EFTS
P: Subject to approval of the Head of Department.
R: AFIS 690
SU[eHKB?BKS2:U;2 e§s¥§¦?S¡¬§{ w
Note: Part-time enrolment (0.65 EFTS) is available on approval.

SU[e2IKB2 Suu¢¨¡§{¡y2s¡v2[¡x¢¥ s§{¢¡2
e¬¡¦§w ¦2bzV
1.0000 EFTS
P: Subject to approval of the Head of Department.
SU[eIKB?BKS2:U;2 e§s¥§¦?S¡¬§{ w
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

S_ef2DEC2 Sx¥{us¡2S w¥{us¡2 i ¢ w¡2
i ¥{§w¥¦

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

` 251

S_efDEC?BKeg©2:U;2 e¨ w¥2:\s¡2BK;

S_ef2DEE2 S w¥{us¡2eu{w¡uw2X{u§{¢¡¦2s¡v2
[¡§w~{yw¡§2fwuz¡¢-¢y{w¦

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

S_efDEE?BKe©2:U;2 ew w¦§w¥2©

S_ef2DEG2 e£wu{s~2f¢£{u

22 points 0.1833 EFTS

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

S_efDEG?BKeD2:U;2 ew w¦§w¥2D

S_ef2DEH2 X¥¢ 2Ts t{2§¢2]¢¡y2fzw2S¡{ s~2
{¡2S w¥{us¡2b¢£¨~s¥2U¨~§¨¥w

22 points 0.1833 EFTS

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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
Also offered as: CULT 313

AMST 315 Black Women's Writing

28 points 0.2333 EFTS

Offered: 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
Also offered as: AMST 304, GEND 304

AMST 316 Popular Culture and Africa

28 points 0.2333 EFTS

Offered: 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 317 Supernatural America

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

of animals and the environment across horror and science fction 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

311

S_efEEC?BKeD2::U;2 ew w¦§w¥?D

S_ef2EED2

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.

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e¨¥©{©s~2s¡v2S¡§z¥¢£¢~¢y¬

18 points 0.1500 EFTS

An introduction to a broad range of issues related to the

may be admitted with the approval of the Director of the Anthropology programme.
R: ANTH 312, GEND 218, GEND 318, SOCI 212, SOCI 312
` 5 212, 21
S ` fZDCD?BKeC2:U;2 ew w¦§w¥2C

S ` fZ2DCG2 fzw2bsu{Ău2[¦~s¡v¦L2W¨¥¢£ws¡?s¡v2
b¢¬¡w¦{s¡2ĥ{¦{¢¡¦
22 points 0.1833 EFTS

S` fZ2FBD2 [¦¦¨w¦2{¡2U¢¡§w £¢¥s¥¬2
S¡§z¥¢£¢-¢y{us-2fzw¢¥¬
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.

S` fZFBD?BKe2:U;2 ew w¦§w¥2¢

S` fZ2FBE2 d{§¨s-2bw¥x¢¥ s¡uwL2esu¥wv2s¡v2
ewu¨-s¥
0.2500 EFTS

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

P: Subject to approval of the Anthropology Programme Director.

S` fZFBE?BKeD2:U;2 ew w¦§w¥2D

S` fZ2FBG2 fzw2S¡§z¥¢£¢-¢y¬2¢x2X¢¢v
0.2500 EFTS

`¢§2axxw¥wv2{¡2DBBK

P: Subject to approval of the Anthropology Programme Director.

S` fZ2FBH2 e¨£w¥©{¦wv2dwsv{¡y
0.2500 EFTS

`¢§2axxw¥wv2{¡2DBBK

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.

S` fZ2FBI2 bw¢£-w2s¡v2fz{¡y¦
0.2500 EFTS

`¢§2axxw¥wv2{¡2DBBK

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

` ¥ 401

S` fZ2FBJ2 Y-¢ts-2S¡§z¥¢£¢-¢y¬
0.2500 EFTS

P: Subject to approval of the Anthropology Programme Director.

S` fZFBJ?BKe2:U;2 ew w¦§w¥2¢

S` fZ2HKB2 _S2fzw¦{¦
1.0000 EFTS

P: Subject to approval of the Anthropology Programme Director.

S` fZHKB?BKS2:U;2 e§s¥§¦2S¡¬§{ w

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

S` fZ2IKB2 S¡§z¥¢£¢-¢y¬2bzV
1.0000 EFTS

P: Subject to approval of the Anthropology Programme Director.

S` fZ2IKB?BKS2:U;2 e§s¥§¦2S¡¬§{ w

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

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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.

Sbek2HB©2 Sv©s¡un

SdST?DBC? [¡§w¥ wv{s§w?S¥st{u?s¡v?[¦¯s {u? fw«§¦?S
22 points 0.1833 EFTS
`¢§?axxw¥wv?{¡?DBBK
P: ARAB 101 or RELS 106 or INCO 106 or by placement test with the permission of the Programme Director.
R: RELS 201

SdST?DBD? [¡§w¥ wv{s§w?S¥st{u?s¡v?[¦¯s {u? fw«§¦?T
22 points 0.1833 EFTS
`¢§?axxw¥wv?{¡?DBBK
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.

SdfU?FBC? b¥su§{u¨
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.
SdfUFBC?BKeD?:U;? ew w¦§w¥?D

SdfU?FBD? fzw?S¥§?_¨¦w¨ ?bs¦§?s¡v? b¥w¦w¡§
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
`A 417, § 406
SdfUFBD?BKeC?:U;? ew w¦§w¥?C

SdfU?FBF? e£wu{s~?b¥¢|wu§
0.2500 EFTS
A project concerning some aspect of museum and/or exhibition practice.
P: Subject to approval of the Programme Convenor.
SdfUFBF?BKeD?:U;? ew w¦§w¥?D

Art History and Theory

College of Arts

SdfZ?CBE? [¦¡¨w¦?{¡?f ªw¡§{w§z?Uw¡§¨¥¬?S¥§
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.

Sdff2FCG2 S¥§2fzw¢¥¬

0.2500 EFTS

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P: Subject to approval of the Programme Convenor.

R: PACS 414

`A§ 414

Sdff2FDG2 dw¦ws¥uz2bs£w¥

0.2500 EFTS

`¢§2axxw¥wv2{¡2DBBK

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

`A §403, A 41

Sdff2FJB2 dw¦ws¥uz2W¦¦s¬

0.2500 EFTS

P: Subject to approval of the Programme Convenor.

SdffFJB?BKeC2:U;2 ew w¦§w¥2C

SdffFJB?BKeD2:U;2 ew w¦§w¥2D

Sdff2FJC2 dw¦ws¥uz2W¦¦s¬

0.2500 EFTS

P: Subject to approval of the Programme Convenor.

SdffFJC?BKeC2:U;2 ew w¦§w¥2C

Sdff2HCC2 dw¦ws¥uz2bs£w¥

0.2500 EFTS

P: Subject to approval of the Programme Convenor.

SdffHCC?BK i 2:U;2 i z¢-w2kws¥2:eC2s¡v2eD;

Sdff2ĀKB2 . _S2fzw¦{¦

1.0000 EFTS

P: Subject to approval of the Programme Convenor.

SdffHKB?BKS2:U;2 e§s¥§¦2S¡¬§{ w

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

Sdff2IKB2

Sefd2EDC2 fwuz¡{¤¨w¦2{¡2at¦w¥©s§{¢¡s~2 S¦§¥¢¡¢ ¬

14 points 0.1167 EFTS

`¢§2axxw¥wv2{¡2DBBK

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

` 321

Note: Offered in even-numbered years.

Sefd2EDD2 fzw¢¥w§{us~2s¡v2at¦w¥©s§{¢¡s~2 U¢¦ ¢~¢y¬

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

SefdEDD?BKeC2:U;2 ew w¦§w¥2C

Sefd2EDE2 e§w~s¥2e§¥¨u§¨¥w2s¡v2W©¢~¨§{¢¡

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

` 323

SefdEDE?BKeD2:U;2 ew w¦§w¥2D

Note: Offered in odd-numbered years.

Sefd2EDF2 e£wu{s~2f¢£{u

14 points 0.1167 EFTS

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

SefdEDF?BKeD2:U;2 ew w¦§w¥2D

Sefd2EDG2 e£wu{s~2f¢£{u

14 points 0.1167 EFTS

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

SefdEDG?BKeC2:U;2 ew w¦§w¥2C

Sefd2EJC2 Sv©s¡uwv2W«£w¥{ w¡§¦2{¡2bz¬¦{u¦2 s¡v2S¦§¥¢¡¢ ¬

14 points 0.1167 EFTS

U_Ve2HE©2 T{¢¬¢y{us¬2Ts¦w¦2¢x2S¨v{§¢¥¬2
X^ ¡u§{¢¡ ص ᶠ] õ Â v m
2 0.0900 EFTS 0.0900 EFTS

T[a^2DBK2 [¡§¥¢v¨u§{¢¡2§¢2T{¢~¢y{us~2Vs§s2
S¡s¬¦{¦

11 points 0.0917 EFTS

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

P: 36 points 100 level BIOL.

d

T[a^?DIB2 Wu¢-¢y¬
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
` 202
T[a^?DIB?BKeC2:U;2 ew w¦§w¥2C
Note: Fieldwork is required.

T[a^?DIC2 W©¢~¨§{¢¡
11 points 0.0917 EFTS
An introduction to evolution: patterns and processes of evolution; mechanisms of evolution, adaptation, speciation

T[a^²EBJ² e£wu{s-²f¢£{u
28 points 0.2333 EFTS
Selected lectures, tutorials and assignments from courses

T[a^2FGE2 b-s¡§2W¡©{¥¢¡ w¡§s-2bz¬¦{¢-¢y¬

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.

T[a^FGE?BK i ?:U;? i z¢-w?kws¥?:e©?s¡v?eD;

T[a^2FIB2 Twzs©{¢¨¥

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.

T[a^FIB?BK i ?:U;? i z¢-w?kws¥?:e©?s¡v?eD;

T[a^2FIC2 U¢ ¨¡{§¬?Wu¢-¢y¬

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.

T[a^FIC?BK i ?:U;? i z¢-w?kws¥?:e©?s¡v?eD;

T[a^2FID2 X¥w¦z ª s§w¥?Wu¢-¢y¬

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.

T[a^FID?BK i ?:U;? i z¢-w?kws¥?:e©?s¡v?eD;

T[a^2FIE2 _s¥{¡w?T{¢-¢y¬

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.

T[a^FIE?BK i ?:U;? i z¢-w?kws¥?:e©?s¡v?eD;

T[a^2FIF2 U¢¡¦w¥©s§{¢¡?T{¢-¢y¬

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.

T[a^FIF?BK i ?:U;? i z¢-w?kws¥?:e©?s¡v?eD;

T[a^2FIH2 U¢s¦§s-?_s¥{¡w?b¥¢uw¦¦w¦

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.

T[a^FIH?BK i ?:U;? i z¢-w?kws¥?:e©?s¡v?eD;

T[a^2FIJ2 W©¢-¨§{¢¡s¥¬?Wu¢-¢y¬

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.

T[a^FIJ?BK i ?:U;? i z¢-w?kws¥?:e©?s¡v?eD;

T[a^2FIK2 Y-¢ts-?Uzs¡yw?T{¢-¢y¬

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 signi f cance 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

T[a^FIK?BK i ?:U;? i z¢-w?kws¥?:e©?s¡v?eD;

T[a^2FKB2 S¤¨su¨-§¨¥w

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.

T[a^FKB?BK i ?:U;? i z¢-w?kws¥?:e©?s¡v?eD;

T[a^2FKC2 b-s¡§?T{¢§wuz¡¢-¢y¬

0.2500 EFTS

Course Catalogue

_TSV2HHI2 e£wu{s~2f¢£{u
0.0830 EFTS
P: Subject to approval of the Head of Department.
_TSVHHI?BK_E2:U;2 _TS2E
Note: Special MBA fee also applies.

_TSV2HHJ2 e£wu{s~2f¢£{u
0.0830 EFTS
P: Subject to approval of the Head of Department.
_TSVHHJ?BK_E2:U;2 _TS2E
Note: Special MBA fee also applies.

_TSV2HHK2 e£wu{s~2f¢£{u
0.0830 EFTS
P: Subject to approval of the Head of Department.
_TSVHHK?BK_E2:U;2 _TS2E
Note: Special MBA fee also applies.

_TSV2HIB2 e£wu{s~2f¢£{u
0.0830 EFTS
P: Subject to approval of the Head of Department.
_TSVHIB?BK_E2:U;2 _TS2E
Note: Special MBA fee also applies.

_TSV2HIC2 e£wu{s~2f¢£{u
0.0830 EFTS
P: Subject to approval of the Head of Department.
_TSVHIC?BK_E2:U;2 _TS2E
Note: Special MBA fee also applies.

_TSV2HID2 e£wu{s~2f¢£{u
0.0830 EFTS
P: Subject to approval of the Head of Department.
_TSVHID?BK_E2:U;2 _TS2E
Note: Special MBA fee also applies.

_TSV2HIE2 e£wu{s~2f¢£{u
0.0830 EFTS
P: Subject to approval of the Head of Department.
_TSVHIE?BK_E2:U;2 _TS2E
Note: Special MBA fee also applies.

_TSV2HIF2 e£wu{s~2f¢£{u
0.0830 EFTS
P: Subject to approval of the Head of Department.
_TSVHIF?BK_E2:U;2 _TS2E
Note: Special MBA fee also applies.

_TSV2HIG2 e£wu{s~2f¢£{u
0.0830 EFTS
P: Subject to approval of the Head of Department.
_TSVHIG?BK_E2:U;2 _TS2E
Note: Special MBA fee also applies.

_TSV2HIH2 e£wu{s~2f¢£{u
0.0830 EFTS
P: Subject to approval of the Head of Department.
_TSVHIH?BK_E2:U;2 _TS2E
Note: Special MBA fee also applies.

_TSV2HII2 e£wu{s~2f¢£{u
0.0830 EFTS
P: Subject to approval of the Head of Department.
_TSVHII?BK_E2:U;2 _TS2E
Note: Special MBA fee also applies.

_TSV2HIJ2 e£wu{s~2f¢£{u
0.0830 EFTS
P: Subject to approval of the Head of Department.
_TSVHIJ?BK_E2:U;2 _TS2E
Note: Special MBA fee also applies.

_TSV2HIK2 e£wu{s~2f¢£{u
0.0830 EFTS
P: Subject to approval of the Head of Department.
_TSVHIK?BK_E2:U;2 _TS2E
Note: Special MBA fee also applies.

_TSV2HJB2 _TS2b¥¢|wu§2:H2u¢¨¥¦w¦;
0.5000 EFTS
P: Subject to approval of the Head of Department.
_TSVHJB?BK_F2:U;2 _TS2F
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

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

_TgeHCD?BKeC2:U;2 ew w¦§w¥2C

Note: Special MBA fee also applies.

_Tge2HCE2 ^wsvw¥¦z{£

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

_TgeHCE?BKeC2:U;2 ew w¦§w¥2C

Note: Special MBA fee also applies.

_Tge2HCF2 _s¡syw¥{s-2Wu¢¡¢ {u¦

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

_TgeHCF?BKeC2:U;2 ew w¦§w¥2C

Note: Special MBA fee also applies.

_Tge2HCG2 a¥ys¡{¦s§{¢¡s-2TwzsC{¢¨¥

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

_TgeHCG?BKeC2:U;2 ew w¦§w¥2C

Note: Special MBA fee also applies.

_Tge2HDC2 _s¡syw¥{s-2X{¡s¡uw

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

_TgeHDC?BKeD2:U;2 ew w¦§w¥2D

Note: Special MBA fee also applies.

_Tge2HDD2 a£w¥s§{¢¡¦?s¡v2e¨££-¬2Uzs{¡2 _s¡syw w¡§

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

_TgeHDD?BKeD2:U;2 ew w¦§w¥2D

Note: Special MBA fee also applies.

_Tge2HDE2 _s¥}w§{¡y

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

2_TgeHDE?BKeD2:U;2 **ew w¦§w¥2D**

Note: Special MBA fee also applies.

_Tge2HED2 [¡§w¥¡s§{¢¡s-2T¨¦{¡w¦¦
0.1000 EFTS

Case studies of international and global businesses, includ-

W`UZ2EGG2 bs¥§{u-w2fwuz¡¢-¢y¬
12 points 0.1000 EFTS
`¢§2axxw¥wv2{¡2DBBK
Flow and processing of particulate solids, atomisation, fow with two phases.
P: ENCH 254

W`UZ2EGI2 e£wu{s-2f¢£{u
12 points 0.1000 EFTS
`¢§2axxw¥wv2{¡2DBBK
P: Subject to approval of the Head of Department.

W`UZ2EHB2 Uzw {us-2W¡y{¡ww¥{¡y2 ew£s¥s§{¢¡¦
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
W`UZEHB?BK i 2:U;2 iz¢-w2kws¥2:eC2s¡v2eD;

W`UZ2EHE2 b¥¢uw¦¦2W¡y{¡ww¥{¡y2Vw¦{y¡2D
12 points 0.1000 EFTS
Mass and energy balances, problem solving, industrial safety, design project on unit operations.
P: ENCH 250
W`UZEHE?BK i 2:U;2 iz¢-w2kws¥2:eC2s¡v2eD;

W`UZ2EIC2 Uzw {us-2W¡y{¡ww¥{¡y2 ^st¢¥s§¢¥{w¦
12 points 0.1000 EFTS
Laboratory and pilot-plant experiments.
P: ENCH 271
W`UZEIC?BK i 2:U;2 iz¢-w2kws¥2:eC2s¡v2eD;

W`UZ2EJB2 T{¢b¥¢uw¦¦2W¡y{¡ww¥{¡y
12 points 0.1000 EFTS
`¢§2axxw¥wv2{¡2DBBK
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 culn s engineering transport processes in biological fuids and materials; engineering rheology of biological fuids; transport processes in biological systems.
P: Subject to approval of the Head of Department.

W`UZ2FDC2 [¡v¨¦§¥{s-2b¢~¨§{¢¡2U¢¡§¥¢~
12 points 0.1000 EFTS
Industrial pollution control, waste effects, pollution prevention
P: Subject to approval of the Head of Department.
R: ENCH 321
W`UZFDC?BKeD2:U;2 ew w¦§w¥2D

W`UZ2FDD2 W¡w¥y¬2dw¦¢¨¥uw2_s¡syw w¡§
12 points 0.1000 EFTS
Energy resources, their eff cient utilisation and integration in the process industries.
P: Subject to approval of the Head of Department.
R: ENCH 322
W`UZFDD?BKeD2:U;2 ew w¦§w¥2D

W`UZ2FDI2 i¢¢v2b¥¢uw¦¦2eu{w¡uw2:Uzw {us-;
12 points 0.1000 EFTS
`¢§2axxw¥wv2{¡2DBBK
Wood anatomy, physics and chemistry. Conversion of wood.
P: Subject to approval of the Head of Department.

W`UZ2FDK2 W¡y{¡ww¥wv2i¢¢v2b¥¢v¨u§¦
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
W`UZFDK?BKeD2:U;2 ew w¦§w¥2D

W`UZ2FGB2 b¥¢uw¦¦2U¢¡§¥¢~
12 points 0.1000 EFTS
An introduction to process control technology.
P: ENCH 350
W`UZFGB?BKeC2:U;2 ew w¦§w¥2C

W`UZ2FGC2 Sv©s¡uwv2b¥¢uw¦¦2U¢¡§¥¢~
12 points 0.1000 EFTS
More advanced topics in process control technology.
P: ENCH 450
W`UZFGC?BKeD2:U;2 ew w¦§w¥2D

W`UZ2FGD2 fzw¥ ¢v¬¡s {u¦2E
12 points 0.1000 EFTS
Advanced topics in chemical and process thermodynamics.
P: ENCH 352
W`UZFGD?BKeD2:U;2 ew w¦§w¥2D

W`UZ2FGG2 W¡y{¡ww¥{¡y2e¬¦§w ¦
12 points 0.1000 EFTS
`¢§2axxw¥wv2{¡2DBBK
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.

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

W`UZ2FGI2 e£wu{s-2f¢£{u2{¡2Uzw {us-2s¡v2
b¥¢uw¦¡2W¡y{¡ww¥{¡y

W ` UZ2HCH2

There is an emphasis on the properties of materials and biological systems. Atoms, molecules, mole concept, chemical equations, stoichiometry; electron con f guration, bonding; molecular structure; energy changes and kinetic factors in chemical reactions; aqueous chemistry; introductory organic chemistry.

R: CHEM 105

UZW_ CCF?BKeC2:U;2 ew w¦§w¥2C

UZW_ 2CCG2 Yw¡w¥s-2Uzw {¦S¥¬2U
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

UZW_ CCG?BKeD2:U;2 ew w¦§w¥2D

UZW_ 2CDC2 Yw¡w¥s-2Uzw {¦S¥¬2S
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

` § 111

UZW_ CDC?BKegC2:U;2 e¨ w¥2:\s¡2BK;

UZW_ 2DDF2 S¡s¬§{us-2s¡v2W¡©{¥¢¡ w¡§s-2
Uzw {¦S¥¬
22 points 0.1833 EFTS

Principles of analytical and environmental chemistry. Spectroscopic, electroanalytical, chromatographic and f ow techniques with emphasis on environmental applications. Environmental aquatic, redox, acid/base and metal ion chemistry; environmental toxicology; tr, [ᵠ ő ḣ Ṙ ᵸ

UZW_ 2DID2 a¥ys¡{u2Uzw {¦§¥¬2:b¥w?Z¢¡¢¨¥¦;
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

UZW_DID?BKeD2:U;2 ew w¦§w¥2D

UZW_ 2DIE2 bz¬¦{us-2Uzw {¦§¥¬2:b¥w?

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.

UZW_EDJ?BKeC2:U;2 ew w¦§w¥2C

UZW_EDJ?BKeD2:U;2 ew w¦§w¥2D

UZW_2EEE2 Yw¡w¥s-2bz¬¦{us-2Uzw {¦§¥¬
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.

§· A - -

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R: CHEM 323, CHEM 363, ENCH 443, ENCH 446.

UZW_EEE?BKeC2:U;2 ew w¦§w¥2C

UZW_2EFE2 S£€~{wv2bz¬¦{us-2Uzw {¦§¥¬
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.

§· A - -

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R: CHEM 323, ENCH 443.

UZW_EFE?BKeD2:U;2 ew w¦§w¥2D

UZW_2EHC2 [¡¢¥ys¡{u2s¡v2e§¥¨u§¨¥s-2 Uzw {¦§¥¬2:b¥w?Z¢¡¢¨¥¦;
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.

§· § 3 1

R: CHEM 321 and ENCH 441

UZW_EHC?BK i 2:U;2 i z¢-w2kws¥2:eC2s¡v2eD;

UZW_2EHD2 a¥ys¡{u2Uzw {¦§¥¬2:b¥w?Z¢¡¢¨¥¦;
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

§· § 3 1

R: CHEM 322, ENCH 442

UZW_EHD?BK i 2:U;2 i z¢-w2kws¥2:eC2s¡v2eD;

UZW_2EIE2 Uzw {us-2bz¬¦{u¦2:b¥w?Z¢¡¢¨¥¦;
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.

§· A - -

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R: CHEM 363, ENCH 446

UZW_EIE?BKeD2:U;2 ew w¦§w¥2D

UZW_2EJC2 Sv©s¡uwv2e¬¡§zw§{u2fwuz¡{¤¨w¦
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

UZW_EJC?BKeC2:U;2 ew w¦§w¥2C

UZW_2EJD2 [¡¦§¥¨ w¡§s-2_w§z¢v¦
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

UZW_EJD?BKeD2:U;2 ew w¦§w¥2D

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.

UZW_2FBC2 [¡¢¥ys¡{u2Uzw {¦§¥¬

UZW_?FBE? Uzw {us-?V¬¡s {u¦?s¡v?
e£wu§¥¢¦u¢£¬

0.1250 EFTS

Contemporary research areas such as molecular beams;

UZW_2FIB2 e£wu{s-2f¢£{u
0.2500 EFTS
P: Subject to approval of the Head of Department.
UZW_FIB?BK i 2:U;2 i z¢-w2kws¥2:e©2s¡v2eD;

UZW_2FIC2 e£wu{s-2f¢£{u
0.2500 EFTS
P: Subject to approval of the Head of Department.
UZW_FIC?BK i 2:U;2 i z¢-w2kws¥2:e©2s¡v2eD;

UZW_2FID2 e£wu{s-2f¢£{u
0.2500 EFTS
P: Subject to approval of the Head of Department.
UZW_FID?BK i 2:U;2 i z¢-w2kws¥2:e©2s¡v2eD;

UZW_2FIE2 e£wu{s-2f¢£{u
0.2500 EFTS
P: Subject to approval of the Head of Department.
UZW_FIE?BK i 2:U;2 i z¢-w2kws¥2:e©2s¡v2eD;
UZW_FIE?BKe©2:U;2 ew w¦§w¥2©
UZW_FIE?BKeD2:U;2 ew w¦§w¥2D

UZW_2FIF2 e£wu{s-2f¢£{u
0.2500 EFTS
P: Subject to approval of the Head of Department.
UZW_FIF?BK i 2:U;2 i z¢-w2kws¥2:e©2s¡v2eD;
UZW_FIF?BKe©2:U;2 ew w¦§w¥2©
UZW_FIF?BKeD2:U;2 ew w¦§w¥2D

UZW_2FJB2 dw¦ws¥uz2b¥¢|wu§
0.2500 EFTS
P: Subject to approval of the Head of Department.
UZW_FJB?BK i 2:U;2 i z¢-w2kws¥2:e©2s¡v2eD;
UZW_FJB?BKe©2:U;2 ew w¦§w¥2©
UZW_FJB?BKeD2:U;2 ew w¦§w¥2D

UZW_2HKB2 _eu2fzw¦{¦
1.0000 EFTS
P: Subject to approval of the Head of Department.
UZW_HKB?BKS2:U;2 e§s¥§¦?S¡¬§{ w
Note: Part-time enrolment (0.65 EFTS) is available on approval.

UZW_2IKB2 Uzw {¦§¥¬2bzV
1.0000 EFTS
P: Subject to approval of the Head of Department.
UZW_IKB?BKS2:U;2 e§s¥§¦?S¡¬§{ w
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

UZ[`2CB©2 W-w w¡§s¥¬2Uz{¡w¦w2^s¡y¨syw
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.
UZ[`CB©?BK i 2:U;2 i z¢-w2kws¥2:e©2s¡v2eD;

UZ[`2CBD2 [¡§¥¢v¨u§{¢¡2§¢2Uz{¡w¦w2 U{©{-{-s§{¢¡
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.
UZ[`CBD?BKeD2:U;2 ew w¦§w¥2D

UZ[`2CBG2 Uz{¡w¦w2^s¡y¨syw2©
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
UZ[`CBG?BKeD2:U;2 ew w¦§w¥2D

UZ[`2CCB2 a¥s-2Uz{¡w¦w2©
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.
UZ[`CCB?BKeg©2:U;2 e¨ w¥2:\s¡2BK;

W`U[?EJE? W¡©{¥¢¡ w¡§s-?W¡y{¡ww¥{¡y
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
W`U[EJE?BKeD?:U;? ew w¦§w¥?D

W`U[?FBE? _s¡syw w¡§?¢x?W¡y{¡ww¥{¡y?
e¬¦§w ¦
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.
W`U[FBE?BKeC?:U;? ew w¦§w¥?C

W`U[?FC? Z{¦§¢¥¬?¢x?U{©{-?W¡y{¡ww¥{¡y
12 points 0.1000 EFTS
`¢§?axxw¥wv?{¡?DBBK
Significant advances in the art and science of civil engineering. The role of the civil engineer in society.

W`U[?FCD? f¥sxĂu?b-s¡¡{¡y
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
W`U[FCD?BKeC?:U;? ew w¦§w¥?C

W`U[?FCG? bs©w w¡§?W¡y{¡ww¥{¡y
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
W`U[FCG?BKeD?:U;? ew w¦§w¥?D

W`U[?FDE? e§¥¨u§¨¥s-?Si s-¬¦{¦
12 points 0.1000 EFTS
Computational analysis of structures, including matrix methods, introduction to finite-element methods and structural dynamics.
P: ENCI 334
W`U[FDE?BKeD?:U;? ew w¦§w¥?D

W`U[?FDG? e§ww-?e§¥¨u§¨¥w¦
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
§` §42
W`U[FDG?BKeD?:U;? ew w¦§w¥?D

W`U[?FDH? U¢¡u¥w§w?e§¥¨u§¨¥w¦
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
W`U[FDH?BKeC?:U;? ew w¦§w¥?C

W`U[?FDK? e§¥¨u§¨¥s-?e¬¦§w ¦
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
W`U[FDK?BKeC?:U;? ew w¦§w¥?C

W`U[?FFG? U¢s¦§s-?s¡v?[¡-s¡v? i s§w¥¦
12 points 0.1000 EFTS
Near field and far field mixing in the environment, description of the key phy n hy

W`U[?FIG? [¡vw£w¡vw¡§?U¢¨¥¦w?¢x?e§¨v¬
12 points 0.1000 EFTS
P: Subject to approval of the Head of Department.
W`U[FIG?BKeC?:U;? ew w¦§w¥?C
W`U[FIG?BK i ?:U;? i z¢-w?kws¥?:e?s¡v?eD;
W`U[FIG?BKeD?:U;? ew w¦§w¥?D

W`U[?FJC? i s¦§w ª s§w¥?f¥ws§ w¡§?b-s¡§?
Vw¦{y¡
12 points 0.1000 EFTS
Physical and biological wastewater treatment plant design for municipal wastewaters. Project, laboratory, and feld trip exercises.
P: ENCI 383
R: ENCI 471
W`U[FJC?BKeC?:U;? ew w¦§w¥?C

W`U[?FJD? e¢-{v? i s¦§w?_s¡syw w¡§
12 points 0.1000 EFTS
Landflls, composting, incineration, and recycling. Integrated analysis of solid waste management systems. Project, laboratories, and feld trips.
P: ENCI 383
W`U[FJD?BKeD?:U;? ew w¦§w¥?D

W`U[?FKE? b¥¢|wu§?:x¨~?¬ws¥;
24 points 0.2000 EFTS
Engineering Research Project.
P: Subject to approval of the Head of Department.
W`U[FKE?BK i ?:U;? i z¢-w?kws¥?:e?s¡v?eD;

W`U[?FKF? b¥¢|wu§
12 points 0.1000 EFTS
Engineering Research Project.
P: Subject to approval of the Head of Department.
W`U[FKF?BKeC?:U;? ew w¦§w¥?C

W`U[?FKG? b¥¢|wu§
12 points 0.1000 EFTS
Engineering, scientifc and social analyses of civil and environmental engineering projects. Professional practices. Oral and written presentations.
P: Subject to approval of the Head of Department.
W`U[FKG?BKeD?:U;? ew w¦§w¥?D

W`U[?FKH? e£wu{s-?f¢£{u?{¡?U{©{-?W¡y{¡ww¥{¡y
12 points 0.1000 EFTS
P: Subject to approval of the Head of Department.
W`U[FKH?BKeC?:U;? ew w¦§w¥?C
W`U[FKH?BK i ?:U;? i z¢-w?kws¥?:e?s¡v?eD;
W`U[FKH?BKeD?:U;? ew w¦§w¥?D

W`U[?FKI? e£wu{s-?f¢£{u?{¡?U{©{-?W¡y{¡ww¥{¡y
12 points 0.1000 EFTS
P: Subject to approval of the Head of Department.
W`U[FKI?BKeC?:U;? ew w¦§w¥?C
W`U[FKI?BK i ?:U;? i z¢-w?kws¥?:e?s¡v?eD;
W`U[FKI?BKeD?:U;? ew w¦§w¥?D

W`U[?FKJ? e£wu{s-?f¢£{uL?Vw¦{y¡?b¥¢|wu§?{¡?
U{©{-?W¡y{¡ww¥{¡y
12 points 0.1000 EFTS
W`U[FKJ?BKeD?:U;? ew w¦§w¥?D
Note: Limited entry. See limitation of entry regulations.

W`U[?FKK? e£wu{s-?f¢£{uL?f{ tw¥?
W¡y{¡ww¥{¡y
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; fre resistance.
P: ENCI 211
W`U[FKK?BKeD?:U;? ew w¦§w¥?D

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.

W`U[?HBC? d{¦}?S¦¡w¡¦ w¡§
0.1000 EFTS
Introduction to Risk Concepts: Societal vs. individual risk; Perceived, assessed vs. actual risk; Dimensions of Risk; Risk identifcation. 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.
W`U[HBC?BKeD?:U;? ew w¦§w¥?D
Note: Students who wish to enrol in this course must apply

W`U[?HDC? U¢¡u¥w§w?_s§w¥{s~¦?s¡v?b¥su§{uw
0.1000 EFTS

`¢§?axxw¥wv?{¡?DBBK
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.

W`U[?HDK? e£wu{s~?f¢£{u
0.1000 EFTS
P: Subject to approval of the Head of Department.
W`U[HDK?BKeD?:U;? ew w¦§w¥?D

W`U[?HEB? e£wu{s~?f¢£{u?`¢¡~{¡ws¥?U¢¡u¥w§w?
_wuzs¡{u¦
0.1000 EFTS
P: Subject to approval of the Head of Department.
W`U[HEB?BKeC?:U;? ew w¦§w¥?C

W`U[?HED? Y¥¢¨¡v?i s§w¥?X-¢ª
0.1000 EFTS

`¢§?axxw¥wv?{¡?DBBK
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.

W`U[?HEF? i s§w¥?Uzw {¦§¥¬
0.1000 EFTS

`¢§?axxw¥wv?{¡?DBBK
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.

W`U[?HEG? Wu¢~¢y{us~?W¡y{¡ww¥{¡y
0.1000 EFTS

`¢§?axxw¥wv?{¡?DBBK
Ecological Engineering is the design of sustainable ecosystems that integrate human society with its natural environment for the bene f t of both. The course considers

W`U[2HHK2 e£wu{s-2f¢£{u2{¡2U{©{-2W¡y{¡ww¥{¡y
0.1000 EFTS

P: Subject to approval of the Head of Department.
W`U[HHK?BKe©2:U;2 ew w¦§w¥2©
W`U[HHK?BK i 2:U;2 i z¢-w2kws¥2:e©2s¡v2eD;
W`U[HHK?BKeD2:U;2 ew w¦§w¥2D

W`U[2HIB2 e£wu{s-2f¢£{u2{¡2U{©{-2W¡y{¡ww¥{¡y
0.1000 EFTS

P: Subject to approval of the Head of Department.
W`U[HIB?BKe©2:U;2 ew w¦§w¥2©
W`U[HIB?BK i 2:U;2 i z¢-w2kws¥2:e©2s¡v2eD;
W`U[HIB?BKeD2:U;2 ew w¦§w¥2D

W`U[2HIG2 [¡vw£w¡vw¡§2U¢¨¥¦w2¢x2e§¨v¬
0.1000 EFTS

P: Subject to approval of the Head of Department.
W`U[HIG?BKe©2:U;2 ew w¦§w¥2©
W`U[HIG?BK i 2:U;2 i z¢-w2kws¥2:e©2s¡v2eD;
W`U[HIG?BKeD2:U;2 ew w¦§w¥2D

W`U[2HJB2 U{©{-2_W2b¥¢|wu§2™X¨~2f{ w0
0.6000 EFTS

P: Subject to approval of the Head of Department.
W`U[HJB?BKS2::U;2 e§s¥§¦?S¡¬§{ w
W`U[HJB?BK i 2:U;2 i z¢-w2kws¥2:e©2s¡v2eD;

W`U[2HJD2 e£wu{s-2f¢£{u2U{©{-2W¡y{¡ww¥{¡y??2
b¥¢|wu§
0.2000 EFTS

P: Subject to approval of the Head of Department
W`U[HJD?BKe©2:U;2 ew w¦§w¥2©
W`U[HJD?BK i 2:U;2 i z¢-w2kws¥2:e©2s¡v2eD;
W`U[HJD?BKeD2:U;2 ew w¦§w¥2D

W`U[2HKB2 U{©{-2_W2fzw¦{¦
1.0000 EFTS

P: Subject to approval of the Head of Department.
W`U[HKB?BKS2::U;2 e§s¥§¦?S¡¬§{ w

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

W`U[2IKB2 U{©{-2W¡y{¡ww¥{¡y2bzV
1.0000 EFTS

P: Subject to approval of the Head of Department.
W`U[IKB?BKS2::U;2 e§s¥§¦?S¡¬§{ w

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

U^Se©2BF2 Y¥ww}2_¬§z¢-¢y{w¦
18 points 0.1500 EFTS

An introduction to Greek myth and its manifestations in n

U^Se2CFC2 U-s¦¦{us-2U¢¡uw£§¦2¢x2Tws¨§¬
18 points 0.1500 EFTS
An introductory examination of theories of art and reality in ancient Athens.
R: PHIL 140, ARTT 101, PHIL 141
` 141
U^SeCFC?BKeC2:U;2 ew w¦§w¥2C

U^Se2CFF2 Twy{¡¡w¥¦ú2^s§{¡2S
18 points 0.1500 EFTS
An introduction to Latin grammar and to reading Latin.
R: CLAS 143
U^SeCFF?BKeC2:U;2 ew w¦§w¥2C

U^Se2CFG2 Twy{¡¡w¥¦ú2^s§{¡2T
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
U^SeCFG?BKeD2:U;2 ew w¦§w¥2D

U^Se2DBC2 fzws§¥w2s¡v2bw¥x¢¥ s¡uw2{¡2§zw2
S¡u{w¡§2 i ¢¥-v
22 points 0.1833 EFTS
` ¢§2axxw¥wv2{¡2DBBK
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

U^Se2DBH2 Y¥ww}2S¥§¦L2[syw¦2s¡v2[vws¦2{¡2
S¥uzs{u2s¡v2U-s¦¦{us-2Y¥¥wuw
22 points 0.1833 EFTS
ý z ǫnds ¢§a¡¡¥¥¥

U^Se2DDH2 d¢ s¡2es§{¥w
22 points 0.1833 EFTS
`¢§2axxw¥wv2{¡2DBBK
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

U^Se2DEF2 [¡§w¥ wv{s§w2Y¥ww}2S¨§z¢¥¡2C
22 points 0.1833 EFTS
A study of selected Greek texts and unseen passages, with emphasis on the development of knowledge of the language.

cultural background, and the rise of ancient aesthetic

U^Se2EEG2 Sv©s¡uwv2Y¥ww}2S¨§z¢¥¦2D
28 points 0.2333 EFTS

Course Catalogue

of types of motor speech disorders, assessment procedures, assessment procedures and treatment planning.

U_VeEHE?BKeD□:U;? ew w¦§w¥?D

U_Ve?EHG

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.

U_Ve2HBG2 Sv©s¡uwv2U-{¡{us-2b¥su§{u¨ >2 e¨£w¥©{¡{¢¡2s¡v2Sv {¡{¡s¥s§{¢¡ 0.1250 EFTS

This course will prepare postgraduate students to supervise other professionals and monitor programmatic effcacy as administrators in speech-language settings.

U_VeHBG?BK i ?:U;2 i z¢-w2kws¥2:e©2s¡v2eD;

U_Ve2HKG2 _e^f2fzw¦{¦ 0.8750 EFTS

P: Subject to approval of Head of Department

U_VeHKG?BKS?:U;2 e§s¥§¦?S¡¬§{ w

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 frst semester of Year 2, fnishing 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.

U_Ve2IKB2 e£wwuz2s¡v2^s¡y¨syw2fzw¥s£¬2 bzV 1.0000 EFTS

U_VeIKB?BKS?:U;2 e§s¥§¦?S¡¬§{ w

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.

US_e2FFK2 dw¦ws¥uz2b¥¢|wu§ 0.2850 EFTS

P: Subject to approval of the Head of Department.

US_eFFK?BK i ?:U;2 i z¢-w2kws¥2:e©2s¡v2eD;

US_e2HKB2 _eu2fzw¦{¦ 1.0000 EFTS

P: Subject to approval of the Head of Department.

US_eHKB?BKS?:U;2 e§s¥§¦?S¡¬§{ w

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

US_e2IKB2 U¢ £¨§s§{¢¡s-2s¡v2S££-{wv2 _s§zw s§{u¦2bzV 1.0000 EFTS

P: Subject to approval of the Head of Department.

US_eIKB?BKS?:U;2 e§s¥§¦?S¡¬§{ w

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.*

points of 200-level Computer Science including COSC 229 or COSC 202

RP: COSC 208, COSC 110.

UaeUEDK?BKeC2:U;2 ew w¦§w¥2C

UaeU2EEC2 Vs§s2U¢ ¨¡{us§{¢¡¦2s¡v2 `w§ª¢¥}¦

14 points 0.1167 EFTS

A study of modern network infrastructures including TCP/IP and Internet protocols, traffc 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.

UaeUEEC?BKeD2:U;2 ew w¦§w¥2D

UaeU2EED2 Vs§s2s¡v2`w§ª¢¥}2ewu¨¥{§¬

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

UaeUEED?BKeD2:U;2 ew w¦§w¥2D

UaeU2EHC2 _{u¥¢£¥¢uw¦¦¢¥2e¬¦§w ¦2C

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

` § 361

RP: COSC 110.

UaeUEHC?BKeC2:U;2 ew w¦§w¥2C

UaeU2EHE2 U¢ £¨§w¥2Y¥s£z{u¦

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

UaeUEHE?BKeD2:U;2 ew w¦§w¥2D

UaeU2EHF2 e£wu{s~2f¢£{u

14 points 0.1167 EFTS

P: Subject to approval of the Head of Department.

UaeUEHF?BKeC2:U;2 ew w¦§w¥2C

UaeU2EHG2 V{¦§¥{t¨§wv2U¢ £¨§w¥2 S¥uz{§wu§¨¥w¦

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

UaeUEHG?BKeD2:U;2 ew w¦§w¥2D

UaeU2EHH2 dw¦ws¥uz2b¥¢|wu§

14 points 0.1167 EFTS

Students will gain experience in performing research in the felds 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.

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UaeU2EHI2 e£wu{s~2f¢£{u

14 points 0.1167 EFTS

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

UaeUEHI?BKeD2:U;2 ew w¦§w¥2D

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.

UaeU2FBC2 _suz{¡w2^ws¥¡{¡y

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.

UaeUFBC?BKeD2:U;2 ew w¦§w¥2D

UaeU2FBE2 V{¦§¥{t¨§wv2e¬¦§w ¦l2_¢vw-2
V¥{©w¡2S¥uz{§wu§¨¨¥w2s¡v2
e§s¡vs¥v¦
0.1250 EFTS

`¢§2axxw¥wv2{¡2DBBK

UaeU2FHB2 dw¦ws¥uz2b¥¢|wu§
0.2500 EFTS
P: Subject to approval of the Head of Department.
UaeUFHB?BK i 2:U;2 i z¢-w2kws¥2:eC2s¡v2eD;

UaeU2FIG2 [¡vw£w¡vw¡§2U¢¨¥¦w2¢x2e§¨v¬
0.1250 EFTS
P: Subject to approval of the Head of Department
UaeUFIG?BKeC2:U;2 ew w¦§w¥2C
UaeUFIG?BK i 2:U;2 i z¢-w2kws¥2:eC2s¡v2eD;
UaeUFIG?BKeD2:U;2 ew w¦§w¥2D

UaeU2FIH2 [¡vw£w¡vw¡§2U¢¨¥¦w2¢x2e§¨v¬
0.5000 EFTS
`¢§2axxw¥wv2{¡2DBBK
P: Subject to the approval of the Head of Department.

UaeU2HKB2 _eu2fzw¦{¦
1.0000 EFTS
P: Subject to approval of the Head of Department.
UaeUHKB?BKS2:U;2 e§s¥§¦?S¡¬§{ w
Note: Part-time enrolment (0.65 EFTS) is available on approval.

UaeU2HKG2 _U¢ 2fzw¦{¦
1.0000 EFTS
P: Subject to approval of the Head of Department.
UaeUHKG?BKS2:U;2 e§s¥§¦?S¡¬§{ w

UaeU2IKB2 U¢ £¨§w Ĵ H N ¦£w¥¦w22 Ð w

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

` A 311, 304

Ug^f2EBG2 fzw2^w{¦¨¥w2[¡v¨¦§¥¬L2 V{¦¡w¬Âus§{¢¡2s¡v2dw?ª¢¥}{¡y2 §zw2b¢~{§{u¦2¢x2^w{¦¨¥w

28 points 0.2333 EFTS

`¢§2axxw¥wv2{¡2DBBK

Since leisure is commonly de f ned as time away from work, this course will explore the various power relationships inherent in the de f nitions 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 in f uence 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

` A 321

Ug^f2EBH2 Yw¡vw¥2s¡v2Vw©w-¢£ w¡§2{¡2 [¡§w¥¡s§{¢¡s~2dw-s§{¢¡¦

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

` 306, § 310

Ug^fEBH?BKe□:U;2 ew w¦§w¥2□

Ug^f2EBJ2 [¦¦¨w¦2{¡2bsu{Ău2S¥§

28 points 0.2333 EFTS

This course focuses on the arts of the Paci f c, examining the nature of relationships and interactions between Paci f c peoples and the West and how these affected a variety of issues concerning the arts of Paci f c peoples.

P: ARTH 204 or ARTH 208 and 22 points at 200 level in appropriate Arts subjects.

R: ARTH 318

` A 31

Ug^fEBJ?BKe□:U;2 ew w¦§w¥2□

Ug^f2EC B2 V{©w¥¦{§¬2 s§§w¥¦L2X¥s {¡y2 ^ws¥¡w¥2V{©w¥¦{§¬2x¢¥2§zw2D□¦§2 Uw¡§¨¥¬

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,

Ug^f2FCF2 e£wu{s-2f¢£{u

0.2500 EFTS

P: Subject to approval of the Programme Director.

Ug^fFCF?BKeD2:U;2 ew w¦§w¥2D

Ug^f2FCG2 e£wu{s-2f¢£{u

8 J A A0 p •8 Pè¡ •>H ðÇ t•‰B¨V#@ J A L) & ,

0.2500 EFTS

P: Subject to approval of the Programme Director.

Ug^fFCG?BKeD2:U;2 ew w¦§w¥2D

Ug^f2FCI2 U¨¨-§¨¨¥w¦2¢x2§zw2e¨¨£w¥¡s§¨¨¥s-

0.2500 EFTS P P ° • €

`¢§2axxxw¥wv2{¡2DBBK

This course examines shifting representations of the supernatural and paranormal in American popular culture post-1960s through an an re

Course Catalogue

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8 J A @ b à,

P p H 'p 0 @ • P @ 0 ``à,

V[b^ˀFBJ² e£wu{s-²f¢£{u²`¢¡?b¥¢-{xw¥s§{¢¡
0.2500 EFTS

WUa `2EDJ2 f¢£{u¦2{¡2^s ª 2s¡v2Wu¢¡¢ {u¦
14 points 0.1167 EFTS
`¢$2axxw¥wv2{¡2DBBK
Microeconomic and game theoretic analysis of the law of

WUa `2HFC2 _¢¡w§s¥¬2Wu¢¡¢ {u¦L2fzw¢¥¬
0.1250 EFTS

`¢§2axxw¥wv2{¡2DBBK

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

WUa `2HFD2 _¢¡w§s¥¬2Wu¢¡¢ {u¦L2b¢~{u¬
0.1250 EFTS

WUa`2HHF2 Wu¢¡¢ w§¥{u¦2[[?HBB
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
WUa`HHF?BKeD2:U;2 ew w¦§w¥2D

WUa`2HHG2 i w-xS¥w2Wu¢¡¢ {u¦
0.1250 EFTS

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

WVSdDHC?BKkVC2:V;2 X¨~2kws¥2V2X{¥¦§2Zs-x
WVSdDHC?BKfD2:U;2 fw¥ 2D
WVSdDHC?BKfD2:`;2 fw¥ 2D
WVSdDHC?BKkVD2:V;2 X¨~2kws¥2V2ewu¢¡v2Zs-x
WVSdDHC?BKkVD2:d;2 X¨~2kws¥2V2ewu¢¡v2Zs-x

WVSd2EDG2 S¥§2kws¥¦2I???CB

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 speci f c 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.

WVSdEDG?BKj2:U;2 dwxw¥2§¢2ªwt¦{§w2x¢¥2vs§w¦
WVSdEDG?BKkU2:`;2 X¨~2kws¥2U
WVSdEDG?BKkU2:d;2 X¨~2kws¥2U
WVSdEDG?CBj2:U;2 dwxw¥2§¢2ªwt¦{§w2x¢¥2vs§w¦

WVSd2EDJ2 S¥§2kws¥¦2CC2??CE

12 points 0.1000 EFTS

WVUa2EHE2 Suu¢¨ ¡§{¡y2kws¥¦2CC?CD
8 points 0.0667 EFTS

`¢§2axxw¥wv2{¡2DBBK

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.

§` § 362 A .

WVUa2EHF2 U¢ £¨§{¡y2s¡v2[Uf2kws¥¦2K?CC
12 points 0.1000 EFTS

This course is compulsory for ICT majors and open to other students with appropriate computing or information systems quali f cations. The course will develop understanding of the Technology Curriculum and the rationale, aims and

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

WVUfIBE?BKS2:U;2 e§s¥§¦2S¡¬§{ w
WVUfIBE?BKS2:V;2 e§s¥§¦2S¡¬§{ w

WVUf2IBF2 U~{¡{us~2Wv¨us§{¢¡2W«£w¥{w¡uw2 b¥¢y¥s w

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

WVUfIBF?BKS2:V;2 e§s¥§¦2S¡¬§{ w

WVUf2IBG2 b¥su§{us~2e}{~¦2fwsuz{¡y>2 e¨£w¥©{¦{¢¡2s¡v2S¦¦w¦¦ w¡§

15 points 0.1250 EFTS

`¢§2axxw¥wv2{¡2DBBK

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

WVUf2JBE2 [¦¦¨w¦2s¡v2b¥¢uw¦¦w¦2{¡2s2U~{¡{us~2 ew§§{¡y

15 points 0.1250 EFTS

`¢§2axxw¥wv2{¡2DBBK

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

WVUf2JBF2 U~{¡{us~2Wv¨us§{¢¡2dw¦ws¥uz2 b¥¢|wu§

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

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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.

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WVVVGCC?BKfC2:U;2 fw¥ 2C
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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

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WVWUCGB?BKi2:U;2 iz¢~w2kws¥2:eC2s¡v2eD;

WVVWU2DHE2 Ws¥¬2Uz{~vz¢¢v2U¨¥¥{u¨~¨ 2D

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

WVWUDHE?BKkS2:U;2 X¨~2kws¥2S
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WVWUDHE?BKkV2:U;2 X¨~2kws¥2V
WVWUDHE?BKkV2:V;2 X¨~2kws¥2V

infants, toddlers and young children within the cultural context of Aotearoa/New Zealand

P: EDED 144

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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

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4 points 0.0333 EFTS

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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.

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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.

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4 points 0.0333 EFTS

`¢§?axxw¥wv?{¡?DBBK

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.

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10 points 0.0833 EFTS

This compulsory course develops knowledge about inclusive education in early childhood education including; identifying and removing [X sX

concepts together in an interdisciplinary approach to teaching and learning.

WVWV?FBD? Wv¨us§{¢¡?e§¨v{w¦
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

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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 Pasifka.

R: EDEM 634

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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

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WVW^JBD?BKeD?:V;? ew w¦§w¥?D

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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

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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

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30 points 0.2500 EFTS

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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

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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,

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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 re fect 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
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30 points 0.2500 EFTS
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This course will examine how selected theoretical traditions and socio-cultural issues in fuence the development of contemporary physical education curricula. In particular, participants will examine the cultural signi fcance of physical activity and sport, critique how the dominant discourses in the literature and the popular culture in fuence 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

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30 points 0.2500 EFTS
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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

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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 ĭ ĭ ĭ 0.2500 EFTS

leadership focus, within schools and centres or within the edcuation sectors.

P: Subject to approval of the Head of School
R: EDEL 805

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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 re fection and effectiveness, and communities of learners and learning organisations.

P: Subject to approval of the Head of School
R: EDTL 821

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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 re fection 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

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Counsellor Education. The closing date for applications is normally October 1 in the year prior to enrolment.
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. (2) 664
664 § 661.
R: EDUC 658
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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.
§ (1) 671. (2)
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664 661.
R: EDUC 662

Counsellind pract ş d ő E

Course Catalogue

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.

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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

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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 artifce of the mass media. Approaches to the critical analysis of the constructs, codes, and conventions of different media texts, print and flm 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.

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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

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

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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.

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15 points 0.1250 EFTS

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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.

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15 points 0.1250 EFTS

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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 com-

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 - Ãrse - Ãrse - Åst Î ½ c cä ᵀ ḥ ḥ ő Ő ẓ ∃ ẓ Ã Ą ɲ ƀ ṃ Î ẓ ∃

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.

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5 points 0.0417 EFTS

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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

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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

a focus on Years 5 - 8. The course also identi f es learning strategies for pupils with special needs.

P: EDMU 151

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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.

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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[Ă f Ỿ g)U ‟ c Ỿ ėc d Ỿ e ?

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15 points 0.1250 EFTS
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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.

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10 points 0.0833 EFTS
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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.

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10 points 0.0833 EFTS
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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.

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25 points 0.2083 EFTS
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This course consists of the preparation for and the under

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)

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22 points 0.1833 EFTS

This course outlines historical and sociological developments in physical education and sport by examining signi f cant periods in the history of physical education, and ways these have in f uenced 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.

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22 points 0.1833 EFTS

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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

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4 points 0.0333 EFTS

This teaching study is designed speci f cally 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

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4 points 0.0333 EFTS

This is a teaching study designed to focus on the effective teaching of speci f c 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

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WVbWDHD?BK f D?:U;? fw¥ ?D

WVbW?DHF? bz¬¦{us-?Wv¨¨us§{¢¡?D

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 re f ect 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

WVbWDHF?BKkV?:V;? X¨¨~?kws¥?V?X{¥¦§?Zs-x

WVbWDHF?BKkV?:d;? X¨¨~?kws¥?V?X{¥¦§?Zs-x

WVbWDHF?BKkVD?:U;? X¨¨~?kws¥?V?ewu¢¡v?Zs-x

WVbWDHF?BKkVD?: `;? X¨¨~?kws¥?V?ewu¢¡v?Zs-x

WVbW?DID? W«w¥u{¦w?bz¬¦{¢-¢y¬?D

6 points 0.0500 EFTS

`¢§?axxw¥wv?{¡?DBBK

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

§` 273, 2 2, 374

WVbW?DIE? _¢§¢¥?^ws¥¡{¡y?D

4 points 0.0333 EFTS

`¢§?axxw¥wv?{¡?DBBK

This course examines the principles of motor skill acquisition as it is applied to the individual learner.

P: EDPE 211

§` 272, 2 2, 374

WVbW?DIK? Vs¡uw?Wv¨¨us§{¢¡

4 points 0.0333 EFTS

WVbW2EBD2 bz¬¡{us-2Wv¨us§{¢¡2kws¥¦¡2I?CE
24 points 0.2000 EFTS

This teaching study is designed speci f cally 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

WVbX2EEE2 fzwsS¥w2_¢©w w¡§¦2{¡2S¢§ws¥¢s2
`wª2lws-s¡v
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.

WVbXEEE?BKkUC2:U;2 X¨~2kws¥2U2X{¥¦§2Zs-x
WVbXEEE?BKj2:`;2 dwxw¥2§¢2ªwt¦{§w2x¢¥2vs§w¦
WVbXEEE?CBj2:U;2 dwxw¥2§¢2ªwt¦{§w2x¢¥2vs§w¦

WVbX2EHE2 Sv©s¡uwv2b¥¢y¥s w¦2{¡2
bw¥x¢¥ {¡y2S¥§¦
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.

WVbXEHE?BKj2:`;2 dwxw¥2§¢2ªwt¦{§w2x¢¥2vs§w¦
WVbXEHE?BKkUD2:U;2 X¨~2kws¥2U2ewu¢¡v2Zs-x

WVbX2EHF2 bw¥x¢¥ {¡y2S¥§¦2{¡2§zw2ew¡{¢¥2
euz¢¢~
4 points 0.0333 EFTS
`¢§2axxw¥wv2{¡2DBBK
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

WVbX2EHG2 Vs¡uw2Uz¢¥w¢y¥s£z¬
8 points 0.0667 EFTS
`¢§2axxw¥wv2{¡2DBBK
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

WVb[2CGE2 [¡§w¥2s¡v2[¡§¥s2bw¥¦¢¡s-2e}{~¦
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.

WVb[CGE?BKfC2:U;2 fw¥ 2C
WVb[CGE?BKj2:`;2 dwxw¥2§¢2ªwt¦{§w2x¢¥2vs§w¦
WVb[CGE?BKj2:d;2 dwxw¥2§¢2ªwt¦{§w2x¢¥2vs§w¦
WVb[CGE?BKj2:V;2 dwxw¥2§¢2ªwt¦{§w2x¢¥2vs§w¦

WVb[2EID2 U¢¡ă{u§2dw¦¢~¨§{¢¡
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

WVb[EIC?BKj2:`;2 dwxw¥2§¢2ªwt¦{§w2x¢¥2vs§w¦
WVb[EIC?BKj2:V;2 dwxw¥2§¢2ªwt¦{§w2x¢¥2vs§w¦

WVb[2EID2 [¡§w¥2s¡v2[¡§¥s2bw¥¦¢¡s~ Ê źB@BHHI

WVe^?FBC2 Vw©w-¢£{¡y?Uz{-v¥w¡ü¦?^{§w¥su¬
10 points 0.0833 EFTS

This is one of three compulsory courses for the Certi f cate 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

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10 points 0.0833 EFTS
This is an optional course for the Certi fcate in Learning
Support which is designed to meet the peru ad ů ů ů ů b b ļ ů n ɀ p

of special needs; the role of the communication partner and facilitating social relationships.

\Ve^FED?BKe□:V;□ ew w¦§w¥□
\Ve^FED?BKkVD□:U;□ X¨~□kws¥□V□ewu¢¡v□Zs-x
\Ve^FED?BKkVD□:V;□ X¨~□kws¥□V□ewu¢¡v□Zs-x

\Ve^□FEE□ ^ws¥¡{¡y□e¨££¢¥§□e§¥s§wy{w¦
10 points 0.0833 EFTS

This is an optional course for the Certi f cate 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.

\Ve^FEE?BKe□:V;□

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 feld.

WVe`IGJ?BK i ?:U;? i z¢-w?kws¥?:e?s¡v?eD;
WVe`IGJ?BK i ?:V;? i z¢-w?kws¥?:e?s¡v?eD;

WVe`?IGK? U¢ ¨¡{us§{¢¡?s¡v?a¥s-?
^s¡y¨syw?x¢¥?e£wu{s-?`wwv¦
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
WVe`IGK?BK i ?:V;? i z¢-w?kws¥?:e?s¡v?eD;

WVe`?IHE? U¢ ¨¡{§¬?ew¥©{uw¦L?[¦¡¨w¡>?
Vw©w-¢£ w¡§?s¡v?VVw-{©w¥¬
30 points 0.2500 EFTS
A detailed study of the principles and practices involved

communication skills necessary for effective coaching for a range of coaching contexts.

WVebCDD?BKeC:U; ew w¦§w¥C

WVeb2CDE U¢suz{¡y2s¡v^ws¥¡{¡y2C
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.

WVebCDE?BK i :U; i z¢-w2kws¥:eC2s¡v2eD;

WVeb2CEB b¥su§{u¨ 2C
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.

§` 120, 122 123
WVebCEB?BK i :U; i z¢-w2kws¥:eC2s¡v2eD;

WVeb2CJB e¢u{s-2Z{¦§¢¥-2¢x2e£¢¥§
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.

WVebCJB?BKeD:U; ew w¦§w¥D

WVeb2DBC e£¢¥§2[¡|¨¥{w¦
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.

§` 101
R: EDSP 668
` 66
WVebDBC?BKeD:U; ew w¦§w¥D

WVeb2DBD T{¢ wuzs¡{u¦
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
WVebDBD?BKeD:U; ew w¦§w¥D

WVeb2DBE e£¢¥§2`¨§¥{§{¢¡
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
WVebDBE?BKeC:U; ew w¦§w¥C

WVeb2DBF e£¢¥§2bz¬¦{¢-¢y¬2C
12 points 0.1000 EFTS
This course examines the different components of fitness. It examines the human body' 0.1000 EFTS ĩ emi en

students with skills in taha Maori, Te Reo and Tikanga Maori, both personally and in their application to schools.

P: EDTW 141

WVebDH?BKkV:d;2 X¨~2kws¥V

WVeb2DJB2 e£¢¥§b¦¬uz¢~¢y¬2C

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

` 664

WVebDJB?BKeD:U;2 ew w¦§w¥D

WVeb2DJC2 bs¥§{u{£s¡§¦2{¡2e£¢¥§

12 points 0.1000 EFTS

This course focuses on socialisation in sport and also addresses participants' issues and their in fuence and involvement in sport.

WVebDJC?BKeD:U;2 ew w¦§w¥D

WVeb2DJD2 e¢u{¢~¢y¬2¢x2e£¢¥§2C

12 points 0.1000 EFTS

This course examines and analyses a range of socio-cultural issues that in fuence 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, commodi fcation 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.

WVebDJD?BKeD:U;2 ew w¦m ҽ ẃ ƀ Ğ ∃ g,

ies and will explore the changing face of sport with regard to 'popular culture'.

P: EDSP 282 and EDSP 283, B grades or better

WVebE©F?BK i ?:U;? i z¢-w?kws¥?:e©?s¡v?eD;

WVeb?EDB? ^wsvw¥¦z{£>?b¢ªw¥?.s¡v?U¨¨-§¨¨¥w
6 points 0.0500 EFTS
This course examines leadership [illegible]

Please check www.canterbury.ac.nz/courses f .. . arb c ḡ rses fie m r rkq

WVf^2IFC2 e£¢¥§2Wv¨us§{¢¡2{¡2§zw2b¥{ s¥¬2 euz¢¢~

18 points 0.1500 EFTS

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This course will investigate the role of sport in the primary school curriculum, as it relates to the aims and objectives

Course Catalogue

interactive sessions. On-line modules between workshops promote discussion of selected readings and pedogogy.

WVf^IKI?BKj?:U;? dwxw¥?§¢?ª wt¦{§w?x¢¥?vs§w¦

WVf^?IKJ? fz{¡}{¡y?e}{~¦L?§zw?¡w«§?¦§syw
18 points 0.1500 EFTS

`¢§?axxw¥wv?{¡?DBBK

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.

WVf^?JBD? dw¦ws¥uz?b¥¢|wu§
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.

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WVf^?JEG? [¦¦¨w¦?{¡?`¨ w¥su¬
30 points 0.2500 EFTS

`¢§?axxw¥wv?{¡?DBBK

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 criticall # 7 ά e ² rar ή

Course Catalogue

the early childhood teacher in recognising and honouring the articles of Te Tiriti o Waitangi and the principles of Te Whaariki.

P: EDTP 107

154

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.

W`W^EED?BK i ?:U;? i z¢-w?kws¥?:e?s¡v?eD;

W`W^?EEE? W-wu§¥¢¡{u¦?C

12 points 0.1000 EFTS

Audio and RF electronics: Biasing and stability. Actual circuits and noise, Tuned-load, and differential amplifers. Oscillators, mixers, modulators and demodulators. Low noise amplifers. Power amplifers. Phase-locked loops.

P: (1) ENEL 203; (2) Subject to approval of the Head of Department.

W`W^EEE?BK i ?:U;? i z¢-w?kws¥?:e?s¡v?eD;

W`W^?EEF? W-wu§¥¢¡{u?Vw©{uw?W¡y{¡ww¥{¡y

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.

W`W^EEF?BK i ?:U;? i z¢-w?kws¥?:e?s¡v?eD;

W`W^?EEG? b¢ªw¥?W-wu§¥¢¡{u¦?C

12 points 0.1000 EFTS

Continuous transient behaviour of power electronic circuits. Energy transformations and their control. Analysis of rectifer, 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

W`W^EEG?BK i ?:U;? i z¢-w?kws¥?:e?s¡v?eD;

W`W^?EFB? e£wu{s-?f¢£{u

12 points 0.1000 EFTS

P: Subject to approval of the Head of Department

W`W^EFB?BK i ?:U;? i z¢-w?kws¥?:e?s¡v?eD;

W`W^?EFC? e£wu{s-?f¢£{u

12 points 0.1000 EFTS

P: Subject to approval of the Head of Department.

W`W^EFC?BK i ?:U;? i z¢-w?kws¥?:e?s¡v?eD;

W`W^?EGB? Vw¦{y¡?s¡v?_s¡syw w¡§?D

24 points 0.2000 EFTS

Project management, ethics, marketing, product development, inventing, intellectual property, standards, quality assurance, resource management, health and safety, accounting, fnancial 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.

W`W^EGB?BK i ?:U;? i z¢-w?kws¥?:e?s¡v?eD;

W`W^?EGC? e{y¡s-¦?e¬¦§w ¦?s¡v?U¢¡§¥¢-

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 flters. 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.

W`W^EGC?BK i ?:U;? i z¢-w?kws¥?:e?s¡v?eD;

W`W^?EGD? W-wu§¥{u?b¢ªw¥?W¡y{¡ww¥{¡y

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 fow 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.

W`W^EGD?BK i ?:U;? i z¢-w?kws¥?:e?s¡v?eD;

W`W^?EGE? U¢ £¨§w¥?Zs¥vªs¥w?W¡y{¡ww¥{¡y?[

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

and architecture. Software engineering practice and methods.

P: (1) ENEL 323; (2) Subject to approval of the Head of Department.

W`W^FDJ?BK i ?:U;? i z¢-w?kws¥?:e?s¡v?eD;

W`W^?FDK? U¢ £¨§w¥?Zs¥v ª s¥w?W¡y{¡ww¥{¡y?D

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.

W`W^FDK?BK i ?:U;? i z¢-w?kws¥?:e?s¡v?eD;

W`W^?FEB? U¢¡§¥¢-?e¬¦§w ¦

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.

W`W^FEB?BK i ?:U;? i z¢-w?kws¥?:e?s¡v?eD;

W`W^?FED? W-wu§¥¢ sy¡w§{u?W¡y{¡ww¥{¡y?D

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.

W`W^FED?BK i ?:U;? i z¢-w?kws¥?:e?s¡v?eD;

W`W^?FEE? U¢ ¨¡{us§{¢¡¦?W¡y{¡ww¥{¡y?D

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.

W`W^FEE?BK i ?:U;? i z¢-w?kws¥?:e?s¡v?eD;

W`W^?FEF? W-wu§¥¢¡{u¦?D

20 points 0.1600 EFTS

Designing amplifer, 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.

W`W^FEF?BK i ?:U;? i z¢-w?kws¥?:e?s¡v?eD;

W`W^?FEG?  _{u¥¢?s¡v?`s¡¢?W-wu§¥¢¡{u?∇w©{uw?W¡y{¡ww¥{¡y

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.

W`W^FEG?BK i ?:U;? i z¢-w?kws¥?:e?s¡v?eD;

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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.

W`W^FEH?BK i ?:U;? i z¢-w?kws¥?:e?s¡v?eD;

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20 points 0.1600 EFTS

The design and analysis of power systems for normal and abnormal conditions. CAD packages will be used to give r (C)

Course Catalogue

statistical signal detection and estimation, adaptive filtering, multirate signal processing.

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0.1000 EFTS

`¢§2axxw¥wv2{¡2DBBK

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.

W`W^2HGC2 e£wu{s-2f¢£{u
0.1000 EFTS

`¢§2axxw¥wv2{¡2DBBK

P: Subject to approval of the Head of Department.

W`W^2HGD2 e£wu{s-2f¢£{u
0.1000 EFTS

`¢§2axxw¥wv2{¡2DBBK

P: Subject to approval of the Head of Department.

W`W^2HGI2 S£{-{wv2V{y{§s-2e{y¡s-2b¥¢uw¦¦{¡y
0.1000 EFTS

`¢§2axxw¥wv2{¡2DBBK

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 eff cient programming techniques are key goals. The principle DSP used in the course will be the Texas Instruments TMS320C55ı0.

P: Subject to approval of the Head of Department.

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W-wu§¥¢¡{u2W¡y{¡ww¥{¡y
Sp rit n Tk ƫ ∃ Π ƫ ᵀ ꟷ ∃ ő ɑ ∃ ϟ ƫ ş ᵀ ẃ Ã ķ ƫ m Ã ƫ al ِNEL w ELLNEL w ELLNEL w EL˜ l

Course Catalogue

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0.1000 EFTS

`¢§?axxw¥wv?{¡?DBBK

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.

W`W^?HIG? e£wu{s-?f¢£{u?Sv©s¡uwv?
W twvvwv?e¬¦§w ¦
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.

W`W^HIG?BKeD?:U;? ew w¦§w¥?D

W`W^?HIH? e£wu{s-?f¢£{u
0.1000 EFTS

`¢§?axxw¥wv?{¡?DBBK

P: Subject to approval of the Head of Department.

W`W^?HII? Sv©s¡uwv?e¬¦§w ¦?s¡v?U¢¡§¥¢-
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

W`W^HII?BKeD?:U;? ew w¦§w¥?D

W`W^?HIJ? e£wu{s-?f¢£{u
0.1000 EFTS

`¢§?axxw¥wv?{¡?DBBK

P: Subject to approval of the Head of Department.

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dw¦wS¥uz?b¥¢uwv¨¥w¦
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.

W`W^HIK?BKeD?:U;? ew w¦§w¥?D

W`W^?HJB? W-wu§¥{us-?_W?b¥¢|wu§?:x¨~?S{ w;
0.5200 EFTS

P: Subject to approval of the Head of Department.

W`W^HJB?BKS?:U;? e§s¥§¦?S¡¬§{ w

W`W^HJB?BK i ?:U;? i z¢-w?kws¥?:e?Cs¡v?eD;

W`W^?HJG? W-wu§¥{us-?b¢¦§y¥sv¨s§w?b¥¢|wu§
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.

W`W^HJG?BKS?:U;? e§s¥§¦?S¡¬§{ w

W`W^HJG?BK i ?:U;? i z¢-w?kws¥?:e?Cs¡v?eD;

W`W^HJG?BKUk?:U;? U¥¢¦¦?kws¥

W`W^?H= T ẃ

Engineering

College of Engineering

W`Yd2CBC2 X¢¨¡vs§{¢¡¦2¢x2W¡y{¡ww¥{¡y
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 ft-for-purpose solution will be introduced. The course will develop information literacy and communication skills for future engineering studies.
W`YdCBC?BKeC2:U;2 ew w¦§w¥2C

W`Yd2CBD2 W¡y{¡ww¥{¡y2_wuzs¡{u¦
18 points 0.1500 EFTS
Introductory mechanics of particles and rigid bodies including vectors, statics, particle motion, work and energy.
§· A 10
W`YdCBD?BKeD2:U;2 ew w¦§w¥2D

W`Yd2DCB2 [¡vw£w¡vw¡§2U¢¨¥¦w2¢x2e§¨v¬
12 points 0.1000 EFTS
P: Subject to the approval of the Head of Department.
W`YdDCB?BKeC2:U;2 ew w¦§w¥2C
W`YdDCB?BK i 2:U;2 i z¢-w2kws¥2:eC2s¡v2eD;
W`YdDCB?BKeD2:U;2 ew w¦§w¥2D

W`Yd2DCC2 e£wu{s-2f¢£{u2{¡2W¡y{¡ww¥{¡y
12 points 0.1000 EFTS
P: Subject to the approval of the Dean of Engineering
W`YdDCC?BKeC2:U;2 ew w¦§w¥2C
W`YdDCC?BK i 2:U;2 i z¢-w2kws¥2:eC2s¡v2eD;
W`YdDCC?BKeD2:U;2 ew w¦§w¥2D

W`Yd2DCD2 e£wu{s-2f¢£{u2{¡2W¡y{¡ww¥{¡y
12 points 0.1000 EFTS
P: Subject to the approval of the Dean of Engineering
W`YdDCD?BKeC2:U;2 ew w¦§w¥2C
W`YdDCD?BK i 2:U;2 i z¢-w2kws¥2:eC2s¡v2eD;
W`YdDCD?BKeD2:U;2 ew w¦§w¥2D

W`Yd2EBC2 e£wu{s-2f¢£{u2{¡2W¡y{¡ww¥{¡y
12 points 0.1000 EFTS
P: Subject to approval of the Head of Department.
W`YdEBC?BKeC2:U;2 ew w¦§w¥2C
W`YdEBC?BK i 2:U;2 i z¢-w2kws¥2:eC2s¡v2eD;
W`YdEBC?BKeD2:U;2 ew w¦§w¥2D

W`Yd2EBD2 e£wu{s-2f¢£{u2{¡2W¡y{¡ww¥{¡y
12 points 0.1000 EFTS
P: Subject to approval of the Head of Department.
W`YdEBD?BKeC2:U;2 ew w¦§w¥2C
W`YdEBD?BK i 2:U;2 i z¢-w2kws¥2:eC2s¡v2eD;
W`YdEBD?BKeD2:U;2 ew w¦§w¥2D

W`Yd2ECB2 [¡vw£w¡vw¡§2U¢¨¥¦w2¢x2e§¨v¬
12 points 0.1000 EFTS
P: Subject to the approval of the Head of Department.
W`YdECB?BKeC2:U;2 ew w¦§w¥2C
W`YdECB?BK i 2:U;2 i z¢-w2kws¥2:eC2s¡v2eD;
W`YdECB?BKeD2:U;2 ew w¦§w¥2D

W`Yd k S b ŋ

Key: P: C: - R: RP:

no geological background should seek advice prior to enrolment.

W`YWFIH?BKeD2:U;2 ew w¦§w¥2D

W`YW2FII2 Y¥¢¨ ¡v2Xs{~¨¥w2Zs-s¥v¦
0.1250 EFTS

`¢§2axxw¥wv2{¡2DBBK

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.

W`YW2FIJ2 S££~{wv2Z¬v¥¢yw¢~¢y¬
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.

W`YWFIJ?BKeD2:U;2 ew w¦§w¥2D

W`YW2FJB2 W¡©{¥¢¡ w¡§s~2s¡v2W¡y{¡ww¥{¡y2
Yw¢£z¬¡{u¦
0.1250 EFTS

The focus is on near-surface geophysics and its applications, which include mapping and monitoring of groundwater resources, engineering applications, mapping

W_fZ2DBD2 Us-u¨~¨¦
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
W_fZDBD?BK i ?:U;? i z¢-w2kws¥?:e©2s¡v2eD;

W_fZ2DBE2 ^{¡ws¥2S-ywt¥s
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
W_fZDBE?BK i ?:U;? i z¢-w2kws¥?:e©2s¡v2eD;

W_fZ2DBF2 Us-u¨~¨¦2s¡v2S-ywt¥s
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
W_fZDBF?BK i ?:U;? i z¢-w2kws¥?:e©2s¡v2eD;

W_fZ2DBG2 W¡y{¡ww¥{¡y2e§s§{¦§{u¦
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
W_fZDBG?BKeD?:U;? ew w¦§w¥?D

W_fZ2DCB2 W¡y{¡ww¥{¡y2_s§zw s§{u¦
12 points 0.1000 EFTS
P: Subject to approval of the Dean of Engineering and Forestry
W_fZDCB?BKe©?:U;? ew w¦§w¥?©

W_fZ2DI©2 _s§zw s§{us-2_¢vw~{¡y2s¡v2 U¢ £¨§s§{¢¡?D
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
W_fZDI©?BKeD?:U;? ew w¦§w¥?D

W_fZ2EK©2 W¡y{¡ww¥{¡y2S£-{wv2 _s§zw s§{u¦?s¡v2e§s§{¦§{u¦
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
W_fZEK©?BKeD?:U;? ew w¦§w¥?D

W_fZ2F©B2 e£wu{s-2f¢£{u2{¡2W¡y{¡ww¥{¡y2 _s§zw s§{u¦
15 points 0.1250 EFTS
P: Subject to the approval of the Head of Department.
W_fZF©B?BKe©?:U;? ew w¦§w¥?©
W_fZF©B?BK i ?:U;? i z¢-w2kws¥?:e©2s¡v2eD;
W_fZF©B?BKeD?:U;? ew w¦§w¥?D

W_fZ2F©©2 e£wu{s-2f¢£{u2{¡2W¡y{¡ww¥{¡y2 _s§zw s§{u¦
15 points 0.1250 EFTS
P: Subject to approval of the Head of Department.
W_fZF©©?BKe©?:U;? ew w¦§w¥?©
W_fZF©©?BK i ?:U;? i z¢-w2kws¥?:e©2s¡v2eD;
W_fZF©©?BKeD?:U;? ew w¦§w¥?D

W_fZ2F©D2 e£wu{s-2f¢£{ul2S£-{wv2_s§¥{«2 S-ywt¥s2S
15 points 0.1250 EFTS
P: Subject to the approval of the Head of Department.
W_fZF©D?BKe©?:U;? ew w¦§w¥?©

W_fZ2F©E2 e£wu{s-2f¢£{ul2bs¥§{s-2V{xxw¥w¡§{s-2 W¤¨s§{¢¡¦
15 points 0.1250 EFTS
P: Subject to Head of Department approval.
W_fZF©E?BKe©?:U;? ew w¦§w¥?©

W_fZ2F©F2 e£wu{s-2f¢£{ul2S£-{wv2_s§¥{«2 S-ywt¥s2T
15 points 0.1250 EFTS
P: Subject to Head of Department approval.
W_fZF©F?BKe©?:U;? ew w¦§w¥?©

W_fZ2F©G2 e£wu{s-2f¢£{ul2V¬¡s {us-2 ¦¬¦§w ¦
15 points 0.1250 EFTS
P: Subject to approval of Head of Department.
W_fZF©G?BKe©?:U;? ew w¦§w¥?©
W_fZF©G?BKeD?:U;? ew w¦§w¥?D

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

W_fZ2FCH2 e£wu{s-2f¢£{u
15 points 0.1250 EFTS
P: Subject to Head of Department approval.
W_fZFCH?BKeC2:U;2 ew w¦§w¥2C
W_fZFCH?BKeD2:U;2 ew w¦§w¥2D

W_fZ2FCI2 e£wu{s-2f¢£{ul2Sv©s¡uwv2 eu{w¡§{Âu2U¢ £¨§{¡y
15 points 0.1250 EFTS
W_fZFCI?BKeC2:U;2 ew w¦§w¥2C
W_fZFCI?BKeD2:U;2 ew w¦§w¥2D

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.

W_fZ2HBB2 V¬¡s {us-2e¬¦§w ¦
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.
W_fZHBB?BKeC2:U;2 ew w¦§w¥2C
W_fZHBB?BKeD2:U;2 ew w¦§w¥2D

W_fZ2HBC2 U¢¡§{¡¨¢¨¦2T{¢-¢y{us-2e¬¦§w ¦
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.
W_fZHBC?BKeC2:U;2 ew w¦§w¥2C
W_fZHBC?BKeD2:U;2 ew w¦§w¥2D

W_fZ2HBD2 X-¨{v2_wuzs¡{u¦
0.1000 EFTS
Applications of differential equations to fuid mechanics.
P: Subject to approval of the Head of Department.
W_fZHBD?BKeC2:U;2 ew w¦§w¥2C
W_fZHBD?BKeD2:U;2 ew w¦§w¥2D

W_fZ2HBE2 `¨ w¥{us-2e¢-¨§{¢¡2¢x2bs¥§{s-2 V{xw¥w¡§{s-2W¤¨s§{¢¡¦
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.
W_fZHBE?BKeC2:U;2 ew w¦§w¥2C
W_fZHBE?BKeD2:U;2 ew w¦§w¥2D

W_fZ2HBF2 g¡u¢¡¦§¥s{¡wv2a£§{ {¦s§{¢¡
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.
W_fZHBF?BKeC2:U;2 ew w¦§w¥2C
W_fZHBF?BKeD2:U;2 ew w¦§w¥2D

W_fZ2HBG2 S£££¥¢«{ s§{¢¡2fzw¢¥¬
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.
W_fZHBG?BKeC2:U;2 ew w¦§w¥2C
W_fZHBG?BKeD2:U;2 ew w¦§w¥2D

W_fZ2HBH2 S-ywt¥s{u2s¡v2e¬ t¢-{u2 U¢ £¨§s§{¢¡
0.1000 EFTS
An introduction to Gröbner bases and applications of systems of multivariate polynomial equations.
P: Subject to approval of the Head of Department.
W_fZHBH?BKeC2:U;2 ew w¦§w¥2C
W_fZHBH?BKeD2:U;2 ew w¦§w¥2D

W_fZ2HBI2 U¢v{¡y2fzw¢¥¬
0.1000 EFTS
The mathematics of binary linear codes.
P: Subject to approval of the Head of Department.
W_fZHBI?BKeC2:U;2 ew w¦§w¥2C
W_fZHBI?BKeD2:U;2 ew w¦§w¥2D

W_fZ2HBJ2 [¡v¨¦§¥{s-2Us¦w2e§¨v{w¦
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.
W_fZHBJ?BKeC2:U;2 ew w¦§w¥2C
W_fZHBJ?BKeD2:U;2 ew w¦§w¥2D

W_fZ2HBK2 e£wu{s-2f¢£{u2{¡2W¡y{¡ww¥{¡y2 _s§zw s§{u¦
0.1000 EFTS
P: Subject to approval of the Head of Department.
W_fZHBK?BKeC2:U;2 ew w¦§w¥2C
W_fZHBK?BK i 2:U;2 i z¢-w2kws¥2:e©2s¡v2eD;
W_fZHBK?BKeD2:U;2 ew w¦§w¥2D

textuality of culture, cultural history, and cultural value and taste.

R: CULT 132

· 5 132

W ` Y^ CED?BKeD2::U;2 ew w¦§w¥2D

W ` Y^2DBE2 fzw2W{yz§ww¡§z2Uw¡§¨¥–2 ` ¢©w-

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 iṃdeup 1 [rsnd " opd xpl i teenth Centurk t ɻ ɔ Þ t ɟ tek2- u

W ` Y^2DDB2 U¥ws§{©w2 i ¥{§{ ¡ yL2ez¢¥§2X{u§{¢ ¡
22 points 0.1833 EFTS

` ¢§2axxw¥wv2{ ¡ 2DBBK

This course gives instruction and advice on the writing of short fction, 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 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.

W ` Y^2DE©2 U¥ws§{©w2 i ¥{§{ ¡ yL2b¢w§¥¬
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

W ` Y^DE©?BKeD2:U;2 ew w¦§w¥2D

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.

W ` Y^2DED2 U¨¨-§¨¨¥s-2b¢-{§{u¦AU¨¨-§¨¨¥s-2
Su§{©{¦
22 points 0.1833 EFTS

The course consi3 l ẓ e cخ e3 ec nخ ẓ Ṛ iخ ẓ e ẓ ese Ṛ ei3 se ẓal

Course Catalogue

W`Y^2DGC2 Sx¥{us¡2S w¥{us¡2i¢ w¡2
i¥{$w¥¦

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 O - -

consists of four units, each of which addresses a speci f c 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.

W ` Y^EcH?BKeD?:U;? ew w¦§w¥?D

W ` Y^?EcI? e£wu{s¬?f¢£{u
28 points 0.2333 EFTS

` ¢§?axxw¥wv?{¡?DBBK

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.

W ` Y^?EcJ? e£wu{s¬?f¢£{u
28 points 0.2333 EFTS

` ¢§?axxw¥wv?{¡?DBBK

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.

W ` Y^?EDB? ^{§w¥s¥¬?fzw¢¥¬
28 points 0.2333 EFTS

` ¢§?axxw¥wv?{¡?DBBK

An introductory survey of some of the recent developments

p á‰SwX

W Y^ h{u§¢¥{s¡²U¨ 0250

This course traces the emergence of social criticism in th or q l c l ep Ú

«¹ ‰SwX

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

W`Y^FFD?BKeC2:U;2 ew w¦§w¥2C

W`Y^FFD?BKeD2:U;2 ew w¦§w¥2D

W`Y^2FJB2 W«§w¡vwv2W¦¦s¬

0.2500 EFTS

P: Subject to approval of the Head of Department.

W`Y^FJB?BKeC2:U;2 ew w¦§w¥2C

W`Y^FJB?BKeD2:U;2 ew w¦§w¥2D

W`Y^2FJC2 U¥ws§{©w2 i ¥{§{¡y2b¥¢|wu§

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

W`Y^FJC?BKeC2:U;2 ew w¦§w¥2C

W`Y^FJC?BKeD2:U;2 ew w¦§w¥2D

W`Y^2HKB2 _S2fzw¦{¦

1.0000 EFTS

P: Subject to approval of the Head of Department.

W`Y^HKB?BKS2:U;2 e§s¥§¦?S¡¬§{ w

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

W`Y^2HKD2 _XS2U¥ws§{©w2 i ¥{§{¡y2fzw¦{¦

1.0000 EFTS

P: Subject to approval of Board of Studies and the Dean of Creative Arts

W`Y^HKD?BKS2:U;2 e§s¥§¦?S¡¬§{ w

W`Y^2IKB2 W¡y-{¦z2bzV

1.0000 EFTS

P: Subject to approval of the Head of Department.

W`Y^IKB?BKS2:U;2 e§s¥§¦?S¡¬§{ w

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.

Wea^2BBC2 U¢¥w2Susvw {u2e}{~¦

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.

Wea^BBC?BKWC2:U;2 Uw¥§Wfe2C

Wea^BBC?BKWD2:U;2 Uw¥§Wfe2D

Wea^BBE2BKWE:8;2U;2Uw¥§Wfe2E 2Uw¥§Wfe2DF

Wea^2BBD2 Sv©s¡uwv2W¡y-{¦z2x¢¥2 g¡vw¥y¥sv¨s§w2e§¨v¬

60 points 0.5000 EFTS

Further development of all aspects of language necessary for undergraduate university life and academic study:

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. . es À ay bs k ƀ Ŏ ẃ ő . ᵐ ď ww

Wg^U2EBD2 fzw2W¨¥¢£ws¡2U{§¬
28 points 0.2333 EFTS
`¢§2axxw¥wv2{¡2DBBK

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,

Wgda2DDG2 fzw2W¨¥¢£ws¡2g¡{¢¡2s¡v2Y-¢ts-2
Vw©w-¢£ w¡§

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 dev #˘ p kght[t to h

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

WgdaFBK?BK i ?:U;? i z¢-w?kws¥?:e?s¡v?eD;

Wgda?F?B? [¡§w¥¡s§{¢¡s~?b¢~{§{u¦L?fzw?
W¨¥¢£ws¡?g¡{¢¡?s¦?Y~¢ts~?Su§¢¥
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 s

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.

X[^_2GBC2 X{~

0.7500 EFTS

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.

X[`U2HBC2 U¢¥£¢¥s§w2X{¡s¡uw2fzw¢¥¬
0.1250 EFTS
P: Subject to approval of the Head of Department.
R: AFIS 622
RP: AFIS 304 or AFIS 314 or ECON 311
X[`UHBC?BKe¢2:U;2 ew w¦§w¥¢

X[`U2HBD2 e£wu{s~2f¢£{uL2X{¡s¡uw2dw¦ws¥uz
0.1250 EFTS
`¢§2axxw¥wv2{¡2DBBK
P: Subject to approval of the Head of Department
R: AFIS 641

X[`U2HBE2 e£wu{s~2f¢£{uL2[¡©w¦§ w¡§2s¡v2 b¢¥§x¢~{¢2fzw¢¥¬2:Z;
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
X[`UHBE?BKe¢2:U;2 ew w¦§w¥¢

X[`U2HBG2 e£wu{s~2f¢£{uL2X{¡s¡u{s~2S¦¦w§2 b¥[u{¡y
0.1250 EFTS
R: ECON 461, ECON 661
X[`UHBG?BKeD2:U;2 ew w¦§w¥D

X[`U2HBI2 e£wu{s~2f¢£{uL2W £{¥{us~2X{¡s¡uw
0.1250 EFTS
R: ECON 460, ECON 660
X[`UHBI?BKe¢2:U;2 ew w¦§w¥¢

X[`U2HBJ2 e£wu{s~2f¢£{uL2dw¦ws¥uz2_w§z¢v¦2 {¡2X{¡s¡uw
0.1250 EFTS
`¢§2axxw¥wv2{¡2DBBK
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

X[`U2HJB2 dw¦ws¥uz2b¥¢|wu§
0.2500 EFTS
P: Subject to approval of the Head of Department.
X[`UHJB?BK i2:U;2 i z¢~w2kws¥2:e¢2s¡v2eD;

X[`U2HKG2 _U¢ 2fzw¦{¦
1.0000 EFTS
P: Subject to approval of the Head of Department.
X[`UHKG?BKS2:U;2 e§s¥§¦2S¡¬§{ w
Note: Part-time enrolment (0.65 EFTS) is available on approval.

X[`U2IKB2 X{¡s¡uw2bzV
1.0000 EFTS
P: Subject to approval of the Head of Department.
X[`UIKB?BKS2:U;2 e§s¥§¦2S¡¬§{ w
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

X[`f2¢BE2 V¥sª{¡y2s¡v2_w§z¢v¦
85 points 0.7083 EFTS
An introduction to basic drawing modes and practical processes.
X[`f¢BE?BK i2:U;2 i z¢~w2kws¥2:e¢2s¡v2eD;
Note: Limited entry. See limitation of entry regulations.

Fire Engineering

Department of Civil and Natura d Dn

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

W`Xa2FKD2 e£wu{s-2f¢£{u
15 points

XadW2HCH2 dw¦§¢¥s§{¢¡2Wu¢-¢y¬
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.

XadWHCH?BKeC2:U;2 ew w¦§w¥2C

XadW2HDF2 b-s¡§s§{¢¡2e{-©{u¨-§¨¥w
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.

XadWHDF?BKeD2:U;2 ew w¦§w¥2D

XadW2HFC2 b-s¡§s§{¢¡2X¢¥w¦§2_s¡syw w¡§
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.

XadWHFC?BKeC2:U;2 ew w¦§w¥2C

XadW2HFD2 Sv©s¡uwv2[f2S££-{us§{¢¡¦2{¡2 X¢¥w¦§¥¬2s¡v2`s§`¥s-2dw¦¢¨¥uw2 _s¡syw w¡§
0.2500 EFTS

Applications in Forestry and Natural Resource Management.

P: Subject to approval of the Head of Department.

XadWHFD?BKeD2:U;2 ew w¦§w¥2D

XadW2HFE2 _¢vw~{¡y2x¢¥2X¢¥w¦§2 _s¡syw w¡§
0.2500 EFTS

Approaches to modelling forest growth and yield. Compatible taper and volume functions. Difference equations. Modelling distributions and f tting functions. Estate simulation. Linear programming applications.

P: Subject to approval of the Head of Department.

XadWHFE?BKeC2:V;2 ew w¦§w¥2C

Note: This is a web-based course. There are no formal lectures.

XadW2HGB2 e£wu{s-2f¢£{u2{¡2X¢¥w¦§¥¬2eu{w¡uw
0.2500 EFTS

P: Subject to approval of the Head of Department

XadWHGB?BKeC2:U;2 ew w¦§w¥2C

XadWHGB?BK i 2:U;2 i z¢-w2kws¥2:eC2s¡v2eD;

XadWHGB?BKeD2:U;2 ew w¦§w¥2D

XadW2HGC2 e£wu{s-2f¢£{u2{¡2X¢¥w¦§¥¬2eu{w¡uw
0.2500 EFTS

P: Subject to approval of the Head of Department

XadWHGC?BKeC2:U;2 ew w¦§w¥2C

XadWHGC?BK i 2:U;2 i z¢-w2kws¥2:eC2s¡v2eD;

XadWHGC?BKeD2:U;2 ew w¦§w¥2D

XadW2HGD2 e£wu{s-2f¢£{u
0.2500 EFTS

P: Subject to Head of Department approval.

XadWHGD?BKeC2:U;2 ew w¦§w¥2C

XadW2HGE2 e£wu{s-2f¢£{u
0.2500 EFTS

P: Subject to Head of Department approval.

XadWHGE?BKeC2:U;2 ew w¦§w¥2C

XadW2HGF2 e£wu{s-2f¢£{u
0.2500 EFTS

P: Subject to Head of Department approval.

XadWHGF?BKeC2:U;2 ew w¦§w¥2C

XadW2HGG2 e£wu{s-2f¢£{u
0.2500 EFTS

The application of restoration ecology to biodiversity conservation in New Zealand.

XadWHGG?BKeD2:U;2 ew w¦§w¥2D

XadW2HGH2 e£wu{s-2f¢£{u
0.2500 EFTS

XadWHGH?BKeD2:U;2 ew w¦§w¥2D

XadW2HGI2 e£wu{s-2f¢£{u
0.2500 EFTS

XadWHGI?BKeD2:U;2 ew w¦§w¥2D

XadW2HGJ2 e£wu{s-2f¢£{u
0.2500 EFTS

P: Subject to Head of Department approval.

XadWHGJ?BKeD2:U;2 ew w¦§w¥2D

XadW2HGK2 e£wu{s-2f¢£{u
0.2500 EFTS

P: Subject to Head of Department approval.

XadWHGK?BKeC2:U;2 ew w¦§w¥2C

XadW2HHG2 bw¦§2_s¡syw w¡§2s¡v2T{¢-¢y{us-2 ewu¨¥¶§¬
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.

XadWHHG?BKeC2:U;2 ew w¦§w¥2C

XadW2HID2 e£wu{s-2f¢£{u?2dw¦ws¥uz2b¥¢|wu§
0.5000 EFTS

`¢§2axxw¥wv2{¡2DBBK

P: Subject to approval of the Head of Department.

XadW2HIG2 [¡vw£w¡vw¡§2U¢¨¥¦w2¢x2e§¨v¬
0.2500 EFTS

P: Subject to approval of the Head of Department.

XadWHIG?BKe2:U;2 ew w¦§w¥2C
XadWHIG?BK i ?:U;2 i z¢-w2kws¥2:e2s¡v2eD;
XadWHIG?BKeD2:U;2 ew w¦§w¥2D

XadW2HIK2 _X¢¥eu2dw£¢¥§
0.5000 EFTS

P: Subject to approval of the Head of Department.

XadWHIK?BKS2:U;2 e§s¥§¦?S¡¬§{ w
XadWHIK?BKe2:U;2 ew w¦§w¥2C
XadWHIK?BKeD2:U;2 ew w¦§w¥2D

XadW2HKB2 _X¢¥eu2fzw¦{¦
1.0000 EFTS

P: Subject to approval of the Head of Department.

XadWHKB?BKS2:U;2 e§s¥§¦?S¡¬§{ w

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

XadW2IKB2 X¢¥w¦§¥¬2bzV
1.0000 EFTS

P: Subject to approval of the Head of Department.

XadWIKB?BKS2:U;2 e§s¥§¦?S¡¬§{ w

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.

Xag`2BFB2 X¢¨¡vs§{¢¡2W¡y-{¦z2^s¡y¨syw
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

Xag`BFB?BKX2:U;2 X¢¨¡vs§{¢¡2C
Xag`BFB?BKXD2:U;2 X¢¨¡vs§{¢¡2D
Xag`BFB?BKXE2:U;2 X¢¨¡vs§{¢¡2E

Xag`2BFC2 Susvw {u2U¢ ¨¡{us§{¢¡
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

Xag`BFC?BKX2:U;2 X¢¨¡vs§{¢¡2C
Xag`BFC?BKXD2:U;2 X¢¨¡vs§{¢¡2D
Xag`BFC?BKXE2:U;2 X¢¨¡vs§{¢¡2E

Xag`2BFD2 fzw2i¢¥-v2¢x2eu{w¡uw
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

Xag`BFD?BKX2:U;2 X¢¨¡vs§{¢¡2C
Xag`BFD?BKXD2:U;2 X¢¨¡vs§{¢¡2D
Xag`BFD?BKXE2:U;2 X¢¨¡vs§{¢¡2E

Xag`2BFE2 fzw2i¢¥-v2¢x2T¨¦{¡w¦¦
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

Xag`BFE?BKX2:U;2 X¢¨¡vs§{¢¡2C
Xag`BFE?BKXD2:U;2 X¢¨¡vs§{¢¡2D
Xag`BFE?BKXE2:U;2 X¢¨¡vs§{¢¡2E

Xag`2BFF2 [¡§¥¢v¨u§{¢¡2§¢2§zw2Z¨ s¡{§{w¦2
s¡v2e¢u{s-2eu{w¡uw¦
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

Xag`BFF?BKX2:U;2 X¢¨¡vs§{¢¡2C
Xag`BFF?BKXD2:U;2 X¢¨¡vs§{¢¡2D
Xag`BFF?BKXE2:U;2 X¢¨¡vs§{¢¡2E

Xag`?BFG? e§s§{¦§{u¦!?Vs§s?s¡v?b¥¢tst{¬{§¬

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.

Xag`BFG?BKXC?:U;? X¢¨¡vs§{¢¡?C

Xag`BFG?BKXD?:U;? X¢¨¡vs§{¢¡?D

Xag`BFG?BKXE?:U;? X¢¨¡vs§{¢¡?E

Xag`?BFH? _s§zw s§{u¦?^w©w-?a¡w

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

Xag`BFH?BKXC?:U;? X¢¨¡vs§{¢¡?C

Xag`BFH?BKXD?:U;? X¢¨¡vs§{¢¡?D

Xag`BFH?BKXE?:U;? X¢¨¡vs§{¢¡?E

Xag`?BFI? _s§zw s§{u¦?^w©w-?fª¢

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

Xag`BFI?BKXC?:U;? X¢¨¡vs§{¢¡?C

Xag`BFI?BKXD?:U;? X¢¨¡vs§{¢¡?D

Xag`BFI?BKXE?:U;? X¢¨¡vs§{¢¡?E

Xag`?BHB? bz¬¦{u¦

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: 047

R: FOUN 004

Xag`BHB?BKXC?:U;? X¢¨¡vs§{¢¡?C

Xag`BHB?BKXD?:U;?

XdW ` 2DCC2 fzw2^wysu¬2¢x2X¥s¡uw
22 points 0.1833 EFTS
This course continues the study of French texts, films and
topics in French cko $ " n FREN 20 0.1833 EFTS opi hn hkmue topi ˘ Ě à opi

YW`V2CBD2 Xs¡§s¦¬2¢¡2X-w¦z2T¢v{w¦>2
[syw¦2s¡v2§zw2b¢-{§{u¦2¢x2
dw£¥w¦w¡§s§{¢¡
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
`A 142, § 112
YW`VCBD?BKeD2:U;2 ew w¦§w¥2D

YW`V2CBG2 Uz{-vz¢¢v2{¡2Uz{-v¥w¡ú¦2
^{§w¥s§¨¥w
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
` 115
YW`VCBG?BKegC2:U;2 e¨ w¥2:\s¡2BK;

YW`V2CCC2 i¢ w¡2i¥{§{¡y2Su¥¢¦¦2§zw2
Uw¡§¨¥{w¦L2c`ww¡2W-{-stw§z2C2§¢2
Isv{w2e {§z
18 points 0.1500 EFTS
`¢§2axxw¥wv2{¡2DBBK
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
`§ 111, 113

YW`V2DBJ2 b¢¦§u¢-¢¡{s-{¦ 2s¡v2[vw¡§{§{w¦
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 specif c 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
`§ 205, § 20
YW`VDBJ?BKeD2:U;2 ew w¦§w¥2D

YW`V2DBK2 Sx¥{us¡2S w¥{us¡2i¢ w¡2
W¥{§w¥$ Cl ő¨ m Ã z
22 points 0.1833 EFTS

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

` ¥ 247

YW`V2DCG2 Zw¥¢{¡w¦¦{¡2Z{¦$¢¥¬
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.

$q 1 - P718 poRmsis ONeį я Ę Ē š nedacatiorkandiedit Ø Ω è- Ø Ε o 1 k b ¥R tededo Ṗk acrt,ŠΩ ī t ŝ ę ø Ø ґ ґ om

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
· ¥ 270
YW`VDDH?BJegD2:U;2 e¨ w¥2:`¢©2BJ;

YW`V2DDI2 [¡vw£w¡vw¡§2U¢¨¥¦w2¢x2e§¨v¬
22 points 0.1833 EFTS
P: GEND 101 or any 36 points in Arts subjects.
YW`VDDI?BKe©2:U;2 ew w¦§w¥2©

YW`V2EB©2 fzw¢¥{¦{¡y2Yw¡vw¥
28 points 0.2333 EFTS
Theorising gender is a dynamic and constantly contested

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

` A 365

YW`V2EOF2 e£wu{s~2f¢£{u
28 points 0.2333 EFTS
`¢§2axxw¥wv2{¡2DBBK

P: One of GEND 200-GEND 299 or a B average in 76 points in appropriate courses with the approval of the Programme Director

YW`V2EOG2 e£wu{s~2f¢£{u
28 points 0.2333 EFTS
`¢§2axxw¥wv2{¡2DBBK

YW`V2EOJ2]{¡¦z{£2s¡v2Xs {¬2{¡2
U¢ £S¥s§{©w2bw¥¦£wu§{©w
28 points 0.2333 EFTS
R: ANTH 21 2≥ Ғ Π ∃ ч ₩

“development” as a discursive cultural con f guration and development as an object category of economic “growth”.

P: Subject to approval of the Programme Director.

R:ÕÖ

YW ` VFBJ?BKe:U;2 ew w¦§w¥

YW ` V2F 2 dsuw2W§z ¡{u{§¬2[vw¡§{§¬ 2 fe 0.2500 EFTS

` ¢§2axxw¥wv2{¡2DBBK

This course examines contemporary women’s autobi

YWaY2CBJ2 dw¦¢¨¥uw¦2s¡v2e¨¦§s{¡st{-{§¬
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

YWaYCBJ?BKeD2:U;2 ew w¦§w¥2D

YWaY2DBC2 W¡©f¥¢¡ w¡§s~2b¥¢uw¦¦w¦L2

Course Catalogue

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.

YWaYEFC?BKeg□:U;□ e¨ w¥□:\s¡□BK;

YWaY□EFD□ b¢~{§{us~□Yw¢y¥s£z¬□s¡v□b¢~{§{us~□ U¢¥¨£§{¢¡

15 points 0.1250 EFTS

`¢§□axxw¥wv□{¡□DBBK

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.

YWaY□FB□□ Yw¢y¥s£z{w¦□¢x□Zws~§z□s¡v□ [¡w¤¨s~{§¬

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 re f ection 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

YWaYFBC?BKeD□:U;□ ew w¦§w¥□D

YWaY□FBD□ e¨¦§s{¡st~w□g¥ts¡□Vw©w~¢£ w¡§

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 of f cials.

P: Entry subject to approval of Head of Department.

R: GEOG 446

YWaYFBD?BKe□:U;□

YWaY?HKB? _S?fzw¦{¦
1.0000 EFTS
P: Subject to approval of the Head of Department.
YWaYHKB?BKS?:U;? e§s¥§¦?S¡¬§{ w
Note: Part-time enrolment (0.65 EFTS) is available on approval.

YWaY?HKG? _eu?fzw¦{¦
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.
YWaYHKG?BKS?:U;? e§s¥§¦?S¡¬§{ w

YWaY?IKB? Yw¢y¥s£z¬?bzV
1.0000 EFTS
P: Subject to approval of the Head of Department.
YWaYIKB?BKS?:U;? e§s¥§¦?S¡¬§{ w
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

YWa^?CCC? b~s¡w§?Ws¥§zL?S¡?[¡S¥¢v¨u§{¢¡?§¢?
Yw¢-¢y¬
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, T T eolod Planet E n ^ I Kẃ ∃ Ã ş Gn 0.1500 EFTSOL 111 & Planet Eart Ģ g

YWa^ˆDEFˆ e§¥s§{y¥s£z¬ˆs¡vˆbs¬w¢¡§¢¬¢y¬
11 points 0.0917 EFTS

YWa^?EEK? e£wu{s-?f¢£{u
14 points 0.1167 EFTS
P: 22 points from GEOL 232-GEOL 236.
YWa^EEK?BKeC?:U;? ew w¦§w¥?C

YWa^?EFB? e£wu{s-?f¢£{u
14 points 0.1167 EFTS
P: 22 point from GEOL 232-GEOL 236.
YWa^EFB?BKeD?:U;? ew w¦§w¥?D

YWa^?EFD? e£wu{s-?f¢£{u
14 points 0.1167 EFTS
P: Entry subject to Head of Department approval.
YWa^EFD?BKeC?:U;? ew w¦§w¥?C

YWa^?EFE? e£wu{s-?f¢£{u
14 points 0.1167 EFTS
P: Entry subject to Head of Department approval.
YWa^EFE?BKeD?:U;? ew w¦§w¥?D

YWa^?EFF? e£wu{s-?f¢£{uL?X{w-v?x¢u¨¦¦wv?

coverage will respond to current debates in the literature and will relate to student thesis areas.

§

YWa^?FJJ? e£wu{s~?f¢£{u?[¡vw£w¡vw¡§?
U¢¨¥¦w?¢x?e§¨v¬
0.1250 EFTS

P: Subject to approval of the Head of Department.

YWa^FJJ?BKe?:U;? ew w¦§w¥?C

YWa^FJJ?BKeD?:U;? ew w¦§w¥?D

YWa^?FJK? Y~su{s~?Yw¢~¢y¬?s¡v?
Yw¢ ¢¥£z¢~¢y¬
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.

YWa^FJK?BKe?:U;? ew w¦§w¥?C

YWa^?FKB? dw¦ws¥uz?b¥¢|wu§
0.3333 EFTS

P: Subject to approval of the Head of Department.

YWa^FKB?BKj?:U;? dwxw¥?§¢?awt¦{§w?x¢¥?vs§w¦

YWa^FKB?BKUk?:U;? U¥¢¦¦?kws¥

YWa^?HKB? _eu?fzw¦{¦
1.0000 EFTS

P: Subject to approval of the Head of Department.

YWa^HKB?BKS?:U;? e§s¥§¦?S¡¬§{ w

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

YWa^?IKB? Yw¢~¢y¬?bzV
1.0000 EFTS

P: Subject to approval of the Head of Department.

YWa^IKB?BKS?:U;? e§s¥§¦?S¡¬§{ w

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

Wg^U?CB? W¨¥¢£ws¡?e¢u{w§¬?{¡?X{~
18 points 0.1500 EFTS

Yd_ `2DCE2 Z{yz-{yz§¦2¢x2Yw¥ s¡2U¨-§¨¥w
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
Yd_ `DCE?BKeD2:U;2 ew w¦§w¥2D

Yd_ `2DEH2 ^{§w¥s¥¬2dw¦£¢¡w¦2§¢2Yw¥ s¡2
g¡{Aus§{¢¡
22 points 0.1833 EFTS
`¢§2axxw¥wv2{¡2DBBK
The collapse of the GDR and German uni f cation 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 "uni f cation literature" and of the intellectual and public debate in the years following uni f cation.
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

Yd_ `2DGC2 [¡§w¥ wv{s§w2Yw¥ s¡2^s¡y¨syw2
S
22 points 0.1833 EFTS
This is the f rst 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
Yd_ `DGC?BKeC2:U;2 ew w¦§w¥2C

Yd_ `2DGD2 [¡§w¥ wv{s§w2Yw¥ s¡2^s¡y¨syw2
T
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 pro f ciency in German language. Even well prepared hi "

the so-called “uni f cation literature” and of the intellectual and public debate in the years following uni f cation.

P: Any 44 points at 200 level.
R: GRMN 236

Yd_ `2EGC2 Sv©s¡uwv2Yw¥ s¡2^s¡y¨syw2S
28 points 0.2333 EFTS
This is the f rst 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
Yd_ `EGC?BKeC2:U;2 ew w¦§w¥2C

Yd_ `2EGD2 Sv©s¡uwv2Yw¥ s¡2^s¡y¨syw2T
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 f ctional text.

P: GRMN 351
R: GRMN 211, GRMN 301, GRMN 310, GRMN 311
Yd_ `EGD?BKeD2:U;2 ew w¦§w¥2D

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.

Yd_ `2FBC2 Yw¥ s¡2^s¡y¨syw
0.2500 EFTS

`¢§2axxw¥wv2{¡2DBBK
P: Subject to appror

Z^fZ?FBJ? e£wu{s~?f¢£{u?[¡vw£w¡vw¡§?e§¨v¬
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

Z^fZFBJ?BKe?:U;? ew w¦§w¥?C

Z^fZFBJ?BK i ?:U;? i z¢-w?kws¥?:e?s¡v?eD;

Z^fZFBJ?BKeD?:U;? ew w¦§w¥?D

Z^fZ?FBK? Zws~§z?s¡v?bsu{Ău?U¨~§¨¥w¦
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.

Z^fZFBK?BKeD?:U;? ew w¦§w¥?D

Z^fZ?F?B? bsu{Ău?Zws~§z?^wsvw¥¦z{£
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.

Z^fZF?B?BKS?:V;? e§s¥§¦?S¡¬§{ w

Z^fZ?F?G? Vw¦{y¡{¡y?s¡v? s¡sy{¡y? ~ws¥¡{¡y?s¡v?¦¨£w¥©{¦{¢¡?{¡?s? zws~§z?us¥w?¦w§§{¡y
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 Professional Programmes

ZWV`?GBD? ^ws¥¡{¡y?fzw¢¥¬?s¡v?b¥su§{uw?{¡?
fw¥§{s¥¬?fwsuz{¡y
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

ZWV`GBD?BKeD?:U;? ew w¦§w¥?D

ZWV`?GBE? fw¥§{s¥¬?fwsuz{¡y?s¡v?^ws¥¡{¡y?
[¡¤¨{¥¬?V w¦{y¡
0.2500 EFTS

The identi f cation, contextualising and planning of a signi f cant 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

ZWV`GBE?BKe?:U;? ew w¦§w¥?C

ZWV`?GBF? fw¥§{s¥¬?fwsuz{¡y?s¡v?^ws¥¡{¡y?
[¡¤¨{¥¬?[£-w w¡§s§{¢¡
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

ZWV`GBF?BKeD?:U;? ew w¦§w¥?D

ZWV`?IKB? Z{yzw¥?Wv¨us§{¢¡?bzV
1.0000 EFTS

P: Subject to approval of the Head of Department.

ZWV`IKB?BKS?:U;? e§s¥§¦?S¡¬§{ w

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

CoI Ĥ un

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

215

Z[efDGG?BKeD2:U;2 ew w¦§w¥2D

Z[ef2DGI2 S w¥{us¡2dw©¢~¨§{¢¡2s¡v2U{©{~2
i s¥

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

Z[efDGI?BKe©2:U;2 ew w¦§w¥2©

Z[ef2DGJ2 d{¦w2¢x2W £{¥w¦L2ew§§~w¥¦2s¡v2
`S§{©w¦

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:

Z[ef?DHG2 wv{w©S-?U¥¨¦svw¦?s¡v?
U¥¨¦svw¥¦
22 points 0.1833 EFTS

social and racial policies on German society, and the ways

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

Z[efEGD?BKe:U; ew w¦§w¥

Z[ef?EGE _¬§z?s¡v?Z{¦§¢¥¬
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 ik o r S enddi

and detailed knowledge of Japanese imperialism and militarism, culminating in the Paci f c 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

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28-poeiHAP € Ð • € 0%2383 EF(T$: ; I H
`¢%2axxw¥wv%{¡2DBBK
E4/ pEdPe@eRiL^9DG`^`% EaZ '%aZ % K"•• Ð lb; E m¬ÒT&@E / DAP € Ð P P
or 200 level MAOR.

Z[ef2EJD2

Z[ef2FED2 `w a2lws-s¡v2{¡2§zw2bsu{Ău
0.2500 EFTS

`¢§2axxw¥wv2{¡2DBBK

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.

Z[ef2FEH2 b¨ t~{u2s¡v2S£{wv2Z{¦§¢¥¬
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.

Z[efFEH?BK i2:U;2 i z¢-w2kws¥2:e©2s¡v2eD;

Z[ef2FFB2 U¢¡¦§¥¨u§{¡y2Xw {i{¦§2Z{¦§¢¥¬
0.2500 EFTS

`¢§2axxw¥wv2{¡2DBBK

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

`§ 404, 412

Z[ef2FFC2 b¢~{u{¡y2s¡v2dw¦{¦§s¡uw£2S¡u{w¡§2 [¡v{s2§¢2[¡vw£w¡vw¡uw
0.2500 EFTS

`¢§2axxw¥wv2{¡2DBBK

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

Z[ef2FFD2 fzw2Z{¦§¢¥¬2s¡v2`s§¨¥w2¢x2 T{¢y¥s£z¬
0.2500 EFTS

`¢§2axxw¥wv2{¡2DBBK

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.

Z[ef2FFE2 [¦¦¨w¦2{¡2`w a2lws-s¡v2Z{¦§¢¥¬
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

` 42

Z[efFFE?BK i2:U;2 i z¢-w2kws¥2:e©2s¡v2eD;

Z[ef2FFK2 [¦¦¨w¦2{¡2_¢vw¥¡2W¨¥¢£ws¡2 Z{¦§¢¥¬
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

` 42

Z[efFFK?BK i2:U;2 i z¢-w2kws¥2:e©2s¡v2eD;

Z[ef2FGB2 Z{¦§¢¥¬2s¦2s2V{¦u{£-{¡w
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

` A 403

Z[efFGB?BK i2:U;2 i z¢-w2kws¥2:e©2s¡v2eD;

Z[ef2FGD2 dwu¢¡¦§¥¨u§{¡y2W¨¥¢£w2©KFG?GI
0.2500 EFTS

`¢§2axxw¥wv2{¡2DBBK

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

` 412, 41

Z[ef2FJB2 dw¦ws¥uz2bs£w¥
0.2500 EFTS

P: Subject to approval of Head of School.

Z[efFJB?BK i2:U;2 i z¢-w2kws¥2:e©2s¡v2eD;

Z[ef2FJC2 dw¦ws¥uz2bs£w¥
0.2500 EFTS

`¢§2axxw¥wv2{¡2DBBK

P: Subject to approval of Head of School.

Z[ef2HKB2 _S2fzw¦{¦
1.0000 EFTS
P: Subject to approval of Head of School.
Z[efHKB?BKS2:U;2 e§s¥§¦2S¡¬§{ w
Note: Part-time enrolment (0.65 EFTS) is available on approval.

Z[ef2IKB2 Z{¦§¢¥¬2bzV
1.0000 EFTS
P: Subject to approval of Head of School.
Z[efIKB?BKS2:U;2 e§s¥§¦2S¡¬§{ w
Note: Part-time enrolment (0.65 EFTS) is available on approval.
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History and Philosophy of Science

College of Arts

ZSbe2CBC2 U¨~§¨¥w¦2¢x2[¡¤¨{¥¬2s¡v2§zw2
a¥{y{¡¦2¢x2eu{w¡uw
18 points ri H P i i i i

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

§ 461

ZSbeF?H?BKeD?:U;? ew w¦§w¥?D

ZSbe?FE? e£wu{s-?f¢£{u

0.1250 EFTS

P: Subject to approval by a HAPS programme coordinator and the relevant Head of Department or School.

ZSbeFE?BKe?:U;? ew w¦§w¥?C

ZSbeFE?BK i ?:U;? i z¢-w?kws¥?:e?s¡v?eD;

ZSbeFE?BKeD?:U;? ew w¦§w¥?D

ZSbe?FED? e£wu{s-?f¢£{u

0.1250 EFTS

P: Subject to approval by a HAPS programme coordinator and the relevant Head of Department or School.

ZSbeFED?BKe?:U;? ew w¦§w¥?C

ZSbeFED?BK i ?:U;? i z¢-w?kws¥?:e?s¡v?eD;

ZSbeFED?BKeD?:U;? ew w¦§w¥?D

ZSbe?FEE? e£wu{s-?f¢£{u

0.1250 EFTS

P: Subject to approval by a HAPS programme coordinator and the relevant Head of Department or School.

ZSbeFEE?BKe?:U;? ew w¦§w¥?C

ZSbeFEE?BKeD?:U;? ew w¦§w¥?D

ZSbe?FJB? dw¦ws¥uz?W¦¦s¬

0.2500 EFTS

P: Subject to approval by a HAPS programme coordinator and the relevant Head of Department or School.

ZSbeFJB?BK i ?:U;? i z¢-w?kws¥?:e?s¡v?eD;

ZSbeFJB?BKe?:U;? ew w¦§w¥?C

ZSbeFJB?BKeD?:U;? ew w¦§w¥?D

ZSbe?HKB? _S?fzw¦{¦

1.0000 EFTS

P: Subject to approval by a HAPS programme coordinator and the relevant Head of Department or School.

ZSbeHKB?BKS?:U;? e§s¥§¦?S¡¬§{ w

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

ZSbe?HKG? _eu?fzw¦{¦

1.0000 EFTS

P: Subject to approval by a HAPS programme coordinator and the relevant Head of Department or School.

ZSbeHKG?BKS?:U;? e§s¥§¦?S¡¬§{ w

ZSbe?IKB? Z{¦§¢¥¬?s¡v?bz{-¢¦¢£z¬?¢x?eu{w¡uw?bzV

1.0000 EFTS

P: Subject to approval by a HAPS programme coordinator and the relevant Head of Department or School.

ZSbeIKB?BKS?:U;? e§s¥§¦?S¡¬§{ w

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

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Human Services

College of Arts

Zedh?CB? Z¨ s¡?ew¥©{uw¦?s¡v?e¬¦§w ¦?{¡?`w ª?lws-s¡v

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

101

Zedh?BC?BKeD?:U;? ew w¦§w¥?D

Zedh?CBD? U¢¡§w £¢¥s¥¬?[¦¡¨w¦?s¡v?§zw?e¢u{s-?ew¥©{uw¦

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

102

Zedh?BD?BKe?:U;? ew w¦§w¥?C

Zedh?CBE? h{¢-w¡uw?{¡?e¢u{w§¬

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

Zedh2DBC2 U¢ ¨ ¡{us§{¢¡2{¡2§zw2Z¨ s¡2
ew¥©{uw¦

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

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
` A 21 , 26 , § 20 , 21
ZedhDBI?BKe□:U;□ ew w¦§w¥□

Zedh□DBJ□ Yw¡vw¥□ew¡¦{§{©{§¬□s¡v□Z¨ s¡□ ew¥©{uw¦
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.
ZedhDBJ?BKe□:U;□ ew w¦§w¥□

Zedh□EB□□ Uzs¡yw□s¡v□Z¨ s¡□e¬¦§w ¦
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.
ZedhEB□?BKe□:U;□ ew w¦§w¥□

Zedh□EBD□ c¨s¬{§s§{©w□dw¦ws¥uz□_w§z¢v¦
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
` 302
ZedhEBD?BKe□:U;□ ew w¦§w¥□

Zedh□EBE□ i ¢ w¡›□axxw¡v{¡y□s¡v□
h{u§{ {¦s§{¢¡□bw¥¦£wu§{©w¦
28 points eĞtiv¿ ḫ Ġtŧ

attitudes to ageing, generational equality and a sustainable provision of welfare. Speci f c 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.

Zedh2EBJ2 Yw¡vw¥2ew¡¦{§{©{§¬2s¡v2Z¨ s¡2 ew¥©{uw¦

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.

ZedhEBJ?BKe©2:U;2 ew w¦§w¥2©

Postgraduate

Zedh2FCB2 e£wu{s-2f¢£{u

0.2500 EFTS

P: Subject to approval of the Head of School.
R: SOWK 410

` 410

ZedhFCB?BKeD2:U;2 ew w¦§w¥2D

Zedh2FC02 `ys2fs}w2_s¢¥{l2_s¢¥{2b¢-{§{us-2
[¦¦¨w¦

0.2500 EFTS

A study and analysis of topical issues within Maori society

Zedh2FDG2 e£wu{s-2f¢£{u
0.2500 EFTS
P: Subject to approval of the Head of School.
ZedhFDG?BK i 2:U;2 i z¢-w2kws¥2:e©2s¡v2eD;

Zedh2HKB2 _S2fzw¦{¦
1.0000 EFTS
P: Subject to approval of the Head of School.
ZedhHKB?BKS2:U;2 e§s¥§¦?S¡¬§{ w
Note: Part-time enrolment (0.65 EFTS) is available on approval.

Zedh2IKB2 Z¨ s¡?ew¥©{uw¦?bzV
1.0000 EFTS
P: Subject to approval of the Head of School.
ZedhIKB?BKS2:U;2 e§s¥§¦?S¡¬§{ w
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

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and bunraku puppetry; and the development of the novel from the eleventh century to modern times. No previous knowledge of Japanese language is required.

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\SbS?CF©? Twy{¡¡w¥¦¡?\s£s¡w¦w

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

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\SbS?©FD? W-w w¡§s¥¬?\s£s¡w¦w

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

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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

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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

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\SbS?DBG? \s£s¡w¦w?^s¡y¨syw?D

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

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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

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0.1250 EFTS

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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 [illegible] students' aesthetic appreci[illegible]

P: Subject t[illegible]
R: JAPA[illegible]

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\s£s¡w¦w2e¢u{w§¬2s¡v2U¨¨~§¨¥w
0.1250 EFTS

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s designed to broaden and deepen students' ng of Japanese society and culture through the ms and animation. The course first examines of Japanese films, and then films by Kurosawa, ther notable directors. They will be examined ilar perspective to cultural studies, although aspects of films will also be discussed. For the nimation, the influence of 'manga' and other s on the creation of Japanese animation will be . There will be discussions on the popularity of

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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 proven ê eo

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1.0000 EFTS

P: Subject to approval of the Head of School.

\agdIKB?BKS2:U;2 e§s¥§¦?S¡¬§{ w

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

]dWS2CBC2 W~w w¡§s¥¬2]¢¥ws¡?^s¡y¨syw2C
18 points 0.1500 EFTS

An elementary level course in modern standard Korean which assumes no prior knowledge of the language.

]dWSCBC?BJegD2:U;2 e¨ w¥2:`©©BJ;

]dWS2CBD2 W~w w¡§s¥¬2]¢¥ws¡?^s¡y¨syw2D
18 points 0.1500 EFTS

`¢§2axxw¥wv2{¡?DBBK

This elementary level course in modern standard Korean is a continuation of KREA 101.

]dWS2CBE2 [¡§¥¢v¨u§{¢¡?§¢2]¢¥ws¡?U¨~§¨¥w
18 points 0.1500 EFTS

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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.

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s¡v?b¥su§{uw?¢x?f¥s¡¦~s§{¢¡
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

^S`UFBC?BKeC2:U;2 ew w¦§w¥2C

Law

School of Law

^S ie2CBC2 fzw2^wys~?e¬¦§w
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.

^S ieCBC?BK i?:U;2 iz¢~w2kws¥2:eC2s¡v?eD;

^S ie2CBD2 ^sª›?\¨¦§{uw2s¡v?_¢¥s~{§¬
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.

^S ieCBD?BKeC2:U;2 ew w¦§w¥2C

^S ie2DBD2 U¥{ {¡s~?^sª
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

^S ieDBD?BK i?:U;2 iz¢~w2kws¥2:eC2s¡v?eD;

Note: Limited entry. See limitation of entry regulations.

^S ie2DBE2 fzw2^sª?¢x?U¢¡§¥su§
30 points 0.2500 EFTS

The general principles of governing the formation of contracts, vitiating elements, breach of contract and remedies.

P: LAWS 101

^S ieDBE?BK i?:U;2 iz¢~w2kws¥2:eC2s¡v?eD;

Note: Limited entry. See limitation of entry regulations.

^S ie2DBF2 fzw2^sª?¢x?f¢¥s¦
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

^S ieDBF?BK i?:U;2 iz¢~w2kws¥2:eC2s¡v?eD;

Note: Limited entry. See limitation of entry regulations.

^S ie2DBG2 ^s¡v?^sª
30 points 0.2500 EFTS

The history and principles of land law.

P: LAWS 101

^S ieDBG?BK i?:U;2 iz¢~w2kws¥2:eC2s¡v?eD;

Note: Limited entry. See limitation of entry regulations.

^S i e2EEJ2 [¡§w¥¡s§{¢¡s-2f¥svw
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
§` A 202- A 206
^S i eEEJ?BKeD2:U;2 ew w¦§w¥2D

^S i e2EEK2 `wy¢§{s§{¢¡2s¡v2§zw2^sª¬w¥
11 points 0.0917 EFTS
Theory and practice of negotiation, lawyers' roles and professional responsibility.
P: LAWS 101
§` A 202- A 206
R: LAWS 369 (prior to 2006)
^S i eEEK?BJegD2:U;2 e¨ w¥2:`¢©2BJ;
Note: Limited entry. See limitation of entry regulations.

^S i e2EFB2 Ts¡}{¡y2^sª
11 points 0.0917 EFTS
`¢§2axxw¥wv2{¡2DBBK
An outline of the law and practice relating to domestic banking and the financing of international trade.
P: LAWS 101
§` A 202- A 206
R: LAWS 327 before 2005

^S i e2EFC2 [¡¦¨¥s¡uw2^sª
11 points 0.0917 EFTS
`¢§2axxw¥wv2{¡2DBBK
The main principles of insurance law with specific reference to life and property insurance.
P: LAWS 101
§` A 202- A 206
R: LAWS 327 before 2005

^S i e2EFE2 [¡§w¥¡s§{¢¡s-2[¡¦§{§¨§{¢¡¦
11 points 0.0917 EFTS
`¢§2axxw¥wv2{¡2DBBK
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;
§` A 202- A 206

^S i e2EFG2 e¢u{s-2ewu¨¥{§¬2^sª
11 points 0.0917 EFTS
`¢§2axxw¥wv2{¡2DBBK
The law relating to social security benefits and accident compensation, with selected topics.
P: LAWS 101
§` A 202- A 206

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11 points 0.0917 EFTS
`¢§2axxw¥wv2{¡2DBBK
P: LAWS 101
§` A 202- A 206
R: LAWS 327 before 2005

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11 points 0.0917 EFTS
`¢§2axxw¥wv2{¡2DBBK
Selected topics in international law with emphasis on

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11 points 0.0917 EFTS
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Please check www.canterbury.ac.nz/courses for the latest course information.

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11 points 0.0917 EFTS

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P: LAWS 101

§` A 202 - A 206

R: LAWS 304 (2005)

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11 points 0.0917 EFTS

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P: LAWS 101

§` A 202 - A 206

^S i e?EJB? e£wu{s-?f¢£{uL?U¢¡§w £¢¥s¥¬? [¡¦¨w¦?{¡?U¥{ {¡s-?^sª

11 points 0.0917 EFTS

`¢§?axxw¥wv?{¡?DBBK

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 con f dentiality; 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

§` A 203-206

^S i e?EJD? ^wys-?[¡§w¥¡¦z{£

11 points 0.0917 EFTS

`¢§?axxw¥wv?{¡?DBBK

Study of theoretical and practical issues relating to legal services.

P: LAWS 101

§` A 202- A 206

Note: Limited entry. See limitation of entry regulations.

^S i e?EJE? ^sª?s¡v?_wv{u{¡w

11 points 0.0917 EFTS

`¢§?axxw¥wv?{¡?DBBK

A study of the main principles of law affecting medicine and medical practice.

P: LAWS 101

§` A 202- A 206

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11 points 0.0917 EFTS

`¢§?axxw¥wv?{¡?DBBK

The legislative process, legislative drafting, statutory interpretation, distinctive features of Statute Law.

P: LAWS 101

§` A 202- A 206

^S i e?EJG? Sv©s¡uwv?[¡§w~wu§¨¨s-?b¥¢£w¥§¬? ^sª

11 points 0.0917 EFTS

`¢§?axxw¥wv?{¡?DBBK

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

§` A 202- A 206

R: LAWS 374 (prior to 2006)

^S i e?EKB? U¢¡ă{u§?¢x?^sª¦

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

§` A 202- A 206

R: LAWS 313

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^S i e?EKC? _s¢¥{?^s¡v?^sª

11 points 0.0917 EFTS

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An introduction to the law relating to Maori land and related resources.

P: LAWS 101

§` A 202- A 206

^S i e?EKD? fzw?f¥ws§¬?¢x? i s{§s¡y{

11 points 0.0917 EFTS

The status and effect of the Treaty of Waitangi in the legal system.

P: LAWS 101

§` A 202- A 206

R: HIST 268, HSRV 207, MAOR 219, POLS 218, SOCI 209

^S i eEKD?BKeD?:U;? ew w¦§w¥?D

^S i e?EKE? Sv©s¡uwv?^s¡v?^sª

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

§` A 202-204, A 206

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11 points 0.0917 EFTS

`¢§?axxw¥wv?{¡?DBBK

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

§` A 202-206

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11 points 0.0917 EFTS
P: LAWS 101
§` A 202- A 206
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11 points 0.0917 EFTS
`¢§2axxw¥wv2{¡2DBBK
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
§` A 202- A 206

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11 points 0.0917 EFTS
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0.3333 EFTS
P: Subject to approval of the Head of Department.
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^S i eHBK?BKUk2:U;2 U¥¢¦¦2kws¥

^S i e2HCB2 W¤¨{§¬2s¡v2e¨uuw¦¦{¢¡
0.3333 EFTS
P: Subject to approval of the Head of Department.
^S i eHCB?BKXk2:U;2
^S i eHCB?BKUk2:U;2 U¥¢¦¦2kws¥

^S i e2HCC2 W©{vw¡uw
0.3333 EFTS
P: Subject to approval of the Head of Department.
^S i eHCC?BKXk2:U;2
^S i eHCC?BKUk2:U;2 U¥¢¦¦2kws¥

^S i e2HCD2 U¢ £s¥s§{©w2^sª
0.3333 EFTS
P: Subject to approval of the Head of Department.
^S i eHCD?BKXk2:U;2
^S i eHCD?BKUk2:U;2 U¥¢¦¦2kws¥

^S i e2HCE2 Xs {¬2^sª
0.3333 EFTS
P: Subject to approval of the Head of Department.
^S i eHCE?BKXk2:U;2
^S i eHCE?BKUk2:U;2 U¥¢¦¦2kws¥

^S i e2HCF2 U¢ £s¡¬2^sª
0.3333 EFTS
P: Subject to approval of the Head of Department.
^S i eHCF?BKXk2:U;2
^S i eHCF?BKUk2:U;2 U¥¢¦¦2kws¥

^S i e2HCG2 ewu¨¥{§{w¦2dwy¨~s§{¢¡
0.3333 EFTS
P: Subject to approval of the Head of Department.
^S i eHCG?BKXk2:U;2
^S i eHCG?BKUk2:U;2 U¥¢¦¦2kws¥

^S i e2HCH2 [¡§w~wu§¨s~2b¥¢£w¥§¬
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P: Subject to approval of the Head of Department.
^S i eHCH?BKXk2:U;2
^S i eHCH?BKUk2:U;2 U¥¢¦¦2kws¥

^S i e2HCI2 dw¦§{§¨§{¢¡
0.3333 EFTS
P: Subject to approval of the Head of Department.
^S i eHCI?BKXk2:U;2
^S i eHCI?BKUk2:U;2 U¥¢¦¦2kws¥

^S i e2HCJ2 S¡§s¥u§{u2^wys~2e§¨v{w¦
0.3333 EFTS
P: Subject to approval of the Head of Department.
^S i eHCJ?BKXk2:U;2
^S i eHCJ?BKUk2:U;2 U¥¢¦¦2kws¥

^S i e2HCK2 U¢ £w§{§{¢¡2^sª
0.3333 EFTS
P: Subject to approval of the Head of Department.
^S i eHCK?BKXk2:U;2
^S i eHCK?BKUk2:U;2 U¥¢¦¦2kws¥

^S i e2HDB2 Sv {¡{¦§¥s§{©w2^sª
0.3333 EFTS
P: Subject to approval of the Head of Department.
^S i eHDB?BKXk2:U;2
^S i eHDB?BKUk2:U;2 U¥¢¦¦2kws¥

^S i e2HDC2 ^sª2s¡v2_wv{u{¡w
0.3333 EFTS
P: Subject to approval of the Head of Department.
^S i eHDC?BKXk2:U;2
^S i eHDC?BKUk2:U;2 U¥¢¦¦2kws¥

^S i e2HDD2 ^wy{¦~s§{¢¡
0.3333 EFTS
P: Subject to approval of the Head of Department.
^S i eHDD?BKXk2:U;2
^S i eHDD?BKUk2:U;2 U¥¢¦¦2kws¥

^S i e2HDE2 [¡¦¨¥s¡uw2^sª
0.3333 EFTS
P: Subject to approval of the Head of Department.
^S i eHDE?BKXk2:U;2
^S i eHDE?BKUk2:U;2 U¥¢¦¦2kws¥

^S i e2HDF2 fs«s§{¢¡2^sª
0.3333 EFTS
P: Subject to approval of the Head of Department.
^S i eHDF?BKXk2:U;2
^S i eHDF?BKUk2:U;2 U¥¢¦¦2kws¥

^S i e2HDG2 Ts¡}{¡y2^sª
0.3333 EFTS
P: Subject to approval of the Head of Department.
^S i eHDG?BKXk2:U;2
^S i eHDG?BKUk2:U;2 U¥¢¦¦2kws¥

^S i e2HDH2 U{©{-2^{tw¥§{w¦
0.3333 EFTS
P: Subject to approval of the Head of Department.
^S i eHDH?BKXk2:U;2
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Conficw

identity and attitudes to different varieties of language (accents, dialects etc).

R: ENGL 323

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22 points 0.1833 EFTS

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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, quantifers, 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

` 251

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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.

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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.

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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

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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

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28 points 0.2333 EFTS

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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

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28 points 0.2333 EFTS

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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

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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

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^[`Y©EBH© f¢£{u¦©{¡©e¬¡§su§{u©fzw¢¥¬

28 points 0.2333 EFTS

This course follows on from LING206, covering selected advanced topics and current research in syntactic theory.

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RGLING201, LING 211% & ! A > C < (& &

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28 points 0.2333 EFTS

This course follows on from LING207, covering selected advanced topics and current research in Î 28 poi ¯ ˝ n Î¾

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28 points 0.2333 EFTS

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28 points 0.2333 EFTS
Strategic management is a purposeful endeavour concerned with long-term direction and performance for a frm 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
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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
_Y_fEDC?BKeD2:U;2 ew w¦§w¥2D

_Y_f2EDE2 b¥¢xw¦¡{¢¡s~2[¡§w¥¡¦z{£2{¡2
e§¥s§wy{u2_s¡syw w¡§
28 points 0.2333 EFTS
The objective of this course is to expose students to real life challenges in Strategic Management by addressing a defned 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
§¨2 320-321
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Note: limited entry. See limitation of entry regulations.

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14 points 0.1167 EFTS
International competition was traditionally the realm of large frms, 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 frm, and the study of entrepreneurship focuses on the individual actor, this course integrates both for an understanding of international entrepreneurship.
P: MGMT 220
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_Y_f2EEB2 U¢ ¨¡{us§{¢¡2_s¡syw w¡§
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
_Y_fEEB?BKeD2:U;2 ew w¦§w¥2D

_Y_f2EEC2 Z¨ s¡2dw¦¢¨¥w2Vw©w-¢£ w¡§2?2
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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-Paci fc region.
P: MGMT 206, MGMT 207, MGMT 208
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awareness and public education, or bringing about social change. Students will be exposed to a diverse range of nonpro f t and for-pro f t 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
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_Y_f2EGB2 e£wu{s~2f¢£{u
14 points 0.1167 EFTS
`¢§2axxw¥wv2{¡2DBBK
P: Subject to the approval of 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.

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0.0830 EFTS
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P: Subject to approval of the Head of Department.

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0.0830 EFTS
P: Subject to approval of the Head of Department.
_Y_fFBD?BKe©2:U;2 ew w¦§w¥2©

_Y_f2F©©2 e§¥s§wy{u2Z¨ s¡2dw¦¢¨¥uw2
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0.0830 EFTS
P: Subject to approval of the Head of Department.
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0.0830 EFTS
P: Subject to approval of the Head of Department.
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_Y_f2F©E2 a¥ys¡{¦s§{¢¡s~2Uzs¡yw
0.0830 EFTS
P: Subject to approval of the Head of Department.
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0.0830 EFTS
P: Subject to approval of the Head of Department.
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_Y_f2F©G2 Sv©s¡uwv2a¥ys¡{¦s§{¢¡s~2fzw¢¥¬
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P: Subject to approval of the Head of Department.
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_Y_f2FCH2 dw¦£¢¡¦{t~w2^wsvw¥¦z{£
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
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P: Subject to approval of the Head of Department.
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0.0830 EFTS
P: Subject to approval of the Head of Department.
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_Y_f2FDE2 Sv©s¡uwv2U¢¡¦¨ w¥2Twzs©{¢¨¥
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P: Subject to approval of the Head of Department.
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_Y_f2FDF2 _s¥}w§{¡y2e§¥s§wy¬
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P: Subject to approval of the Head of Department.

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0.0830 EFTS
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P: Subject to approval of the Head of Department.

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0.0830 EFTS
P: Subject to approval of the Head of Department.
_Y_fFF©?BKeD2:U;2 ew w¦§w¥2D

_Y_f2FFD2 T¨¦{¡w¦¦2W§z{u¦
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P: Subject to approval of the Head of Department.
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P: Subject to approval of the Head of Department.

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P: Subject to approval of the Head of Department.

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_s¡syw w¡§
0.0830 EFTS
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P: Subject to approval of the Head of Department.

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0.0830 EFTS
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P: Subject to approval of the Head of Department.

_Y_f2FIC2 e£wu{s-2f¢£{u
0.1670 EFTS
`¢§2axxw¥wv2{¡2DBBK
P: Subject to approval of the Head of Department.

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0.1670 EFTS
`¢§2axxw¥wv2{¡2DBBK
P: Subject to approval of the Head of Department.

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0.0830 EFTS
`¢§2axxw¥wv2{¡2DBBK
P: Subject to approval of the Head of Department.

_Y_f2FIF2 e£wu{s-2f¢£{u2:Z;
0.0830 EFTS
P: Subject to approval of the Head of Department.
_Y_fFIF?BKeD2:U;2 ew w¦§w¥2D

_Y_f2FIG2 e£wu{s-2f¢£{uL2Sv©s¡uwv2
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0.0830 EFTS
P: Subject to approval of the Head of Department.
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_Y_f2FIH2 e£wu{s-2f¢£{u2:Z;
0.0830 EFTS
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P: Subject to approval of the Head of Department.

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dw¦ws¥uz2bs£w¥
0.1670 EFTS
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P: Subject to approval of the Head of Department.

_Y_f2FJC2 _s¡syw w¡§2TU¢ 2:Z¢¡¦;2
dw¦ws¥uz2b¥¢|wu§
0.3340 EFTS
P: Subject to approval of the Head of Department.
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24 points 0.2000 EFTS
P: Subject to approval of the Head of Department.
_Y_fGBH?BK i 2:U;2 i z¢-w2kws¥2:e©2s¡v2eD;

_Y_f2GBI2 e£wu{s-2f¢£{u
24 points 0.2000 EFTS
P: Subject to approval of the Head of Department.
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_Y_f2GBJ2 e£wu{s-2f¢£{u
24 points 0.2000 EFTS
P: Subject to approval of the Head of Department.
_Y_fGBJ?BK i 2:U;2 i z¢-w2kws¥2:e©2s¡v2eD;

_Y_f2GBK2 e£wu{s-2f¢£{u
24 points 0.2000 EFTS
P: Subject to approval of the Head of Department.
_Y_fGBK?BK i 2:U;2 i z¢-w2kws¥2:e©2s¡v2eD;

_Y_f2GCB2 e£wu{s-2f¢£{u
24 points 0.2000 EFTS
P: Subject to approval of the Head of Department.
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_Y_f2GDB2 T¨{-v{¡y2Wxxwu§{©w2fws ¦
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
_Y_fGDB?BKj2:U;2 dwxw¥2§¢2aw t¦{§w2x¢¥2vs§w¦
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.

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24 points

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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

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22 points 0.1833 EFTS

Traditional Maori history and culture, including: archaeology of the settlement of the Pa n

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prerequisites but with 72 points in appropriate courses may

courses in Arts, Education, Fine Arts, Music and/or Social Work, or by permission of the Head of School.

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28 points 0.2333 EFTS

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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.

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28 points 0.2333 EFTS

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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.

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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

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28 points 0.2333 EFTS

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

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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.

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0.2500 EFTS

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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.

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0.2500 EFTS

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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

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0.2500 EFTS

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This course examines 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.

and critics have brought to bear on them. This is an introductory paper that does not assume any prior knowledge.

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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 signi f cant 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 speci f c areas of news (foreign, political, sport and crime) in more depth.

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Course Catalogue

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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
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SfZ?EIH? S£{~{wv?e§¢uzs¦§{u?¢vw~{¡y
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
` A 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.
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_SfZ?EJC? Sv©s¡uwv?eu{w¡§{Ău?U¢ £¨§{¡y
14 points

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0.1250 EFTS
P: Subject to approval of the Head of Department.
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_SfZFCC?BKeD2:U;2 ew w¦§w¥2D

_SfZ2FCD2 g¡u¢¡¦§¥s{¡wv2a£§{ {-s§{¢¡
0.1250 EFTS
P: Subject to approval of the Head of Department.
_SfZFCD?BKeC2:U;2 ew w¦§w¥2C
_SfZFCD?BKeD2:U;2 ew w¦§w¥2D

_SfZ2FCE2 `¨ w¥{us-2a£§{ {-s§{¢¡
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.
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_SfZFCE?BKeD2:U;2 ew w¦§w¥2D

_SfZ2FCF2 U¢ £¨§s§{¢¡s-2_w§z¢v¦
0.1250 EFTS
P: Subject to the approval fo the Head of Department.
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_SfZFCF?BKeD2:U;2 ew w¦§w¥2D

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1.0000 EFTS

P: Subject to approval of the Head of Department.

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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.

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0.120000FTS 0.3250 EFTS

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X-¨{v2V¬¡s {u¦
12 points 0.1000 EFTS
Theoretical and practical aspects of Computational Fluid Dynamics, including the theory of fuid fow 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.
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W`_W2FED2 _wuzs¡{u¦2¢x2h{t¥s§{¢¡
12 points 0.1000 EFTS
Vibration of continuous systems.
P: (1) ENME 331; (2) EMTH 204 or EMTH 391
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W`_W2FEE2 _¢vw¥¡2U¢¡§¥¢-2fzw¢¥¬
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
W`_WFEE?BKeC2:U;2 ew w¦§w¥2C

W`_W2FEG2 Zws§2s¡v2_s¦¡2f¥s¡¦xw¥
12 points 0.1000 EFTS
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Heat and Mass Transfer, psychrometrics, building heating and cooling loads.
P: ENME 345

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12 points 0.1000 EFTS
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An introduction to modern manufacturing systems.
P: ENME 336

W`_W2FEJ2 b¥¢|wu§
24 points 0.2000 EFTS
P: ENME 331, ENME 332, ENME 333, ENME 339, ENME 340, ENME 341, ENME 345
W`_WFEJ?BK i 2:U;2 i z¢-w2kws¥2:eC2s¡v2eD;

W`_W2FFB2 _wuzs¡{us-2e¬¦§w 2Vw¦{y¡?
Þ¥¢uw¦¦
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
W`_WFFB?BKeC2:U;2 ew w¦§w¥2C

W`_W2FFC2 _wuzs¡{us-2e¬¦§w 2Vw¦{y¡??
eÞwu{s-2S£-{us§{¢¡¦
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
W`_WFFC?BKeD2:U;2 ew w¦§w¥2D

W`_W2FFD2 S£-{wv2U¢ £¨§s§{¢¡s-2e¢-{v2
_wuzs¡{u¦
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 a

W ` _ W2HF©2 Sv©s¡uwv2 _wuzs¡{us-?e¬¦§w 2
Vw¦{y¡??e£wu{s-?S£-{us§{¢¡¦

W`_W2HJB2 _W2b¥¢|wu§
0.5000 EFTS
P: Subject to approval of the Head of Department.
W`_WHJB?BKS2:U;2 e§s¥§¦?S¡¬§{ w
W`_WHJB?BK i ?:U;2 i z¢-w2kws¥?:e©?s¡v?eD;

W`_W2HJD2 e£wu{s-?f¢£{u?{¡?_wuzs¡{us-?
W¡y{¡ww¥{¡y?2?b¥¢|wu§
0.2000 EFTS
P: Subject to approval of the Head of Department
W`_WHJD?BKe©?:U;2 ew w¦§w¥©
W`_WHJD?BK i ?:U;2 i z¢-w2kws¥?:e©?s¡v?eD;
W`_WHJD?BKeD?:U;2 ew w¦§w¥D

W`_W2HKB2 _W2fzw¦{¦
1.0000 EFTS
P: Subject to approval of the Head of Department.
W`_WHKB?BKS2:U;2 e§s¥§¦?S¡¬§{ w

_VbZ2FBD2 `¨u-ws¥2_wv{u{¡w

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.

_VbZFBD?BKeD2:U;2 ew w¦§w¥2D

_VbZ2FBE2 dsv{s§{¢¡2bz¬¦{u¦

0.1250 EFTS

_ge[ŽCKC2 Us¡§w¥t¨¥¬ŽUw~{¦§¦ŽC
12 points 0.1000 EFTS
Ensemble training and performance in cello ensemble.
P: School of Music audition.
_ge[CKC?BK i Ž:U;Ž i z¢-wŽkws¥Ž:eCŽs¡vŽeD;

_ge[ŽCKDŽ Uzs tw¥ŽUz¢{¥ŽC
12 points 0.1000 EFTS

_ge[2DFD2 ¨¦{u2¢x2§zw2dw¡s{¦¦s¡uwL2CFGB?
CRGB

22 points 0.1833 EFTS

`¢§2axxw¥wv2{¡2DBBK

_ge[2EF©2 bw¥x¢¥ s¡uw2E
56 points 0.4667 EFTS
Performance work involving weekly individual lessons,

_ge[?EKD? Uzs tw¥?Uz¢{¥?E
14 points 0.1167 EFTS
`¢§?axxw¥wv?{¡?DBBK
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.

_ge[?EKE? Ys w~s¡?E
14 points 0.1167 EFTS
`¢§?axxw¥wv?{¡?DBBK
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.

_ge[?EKF? Uzs tw¥?a¥uzw¦§¥s?E
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.
_ge[EKF?BKe?:U;? ew w¦§w¥?C

ge[?EKG? `wª?¨¦{u?W¡¦w t~w?E
14 points 0.1167 EFTS
`¢§?axxw¥wv?{¡?DBBK
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.

_ge[?EKI? b{s¡¢?Suu¢ £s¡{ w¡§?E
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.
_ge[EKI?BK i ?:U;? i z¢~w?kws¥?:e?s¡v?eD;

_ge[?EKJ? [¡¦§¥¨ w¡§s~Ah¢us~?W¡¦w t~w?E
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.
_ge[EKJ?BK i ?:U;? i z¢~w?kws¥?:e?s¡v?eD;

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.

_ge[?FGH? Sv©s¡uwv?dw¦ws¥uz?fwuz¡{¤¨w¦
0.2500 EFTS
`¢§?axxw¥wv?{¡?DBBK
P: (1) MUSI 318; (2) Subject to approval of the Head of Department.
R: MUSI 411, MUSI 601

ge[?FGI? e§¨v{w¦?{¡?¨¦{u?Z{¦§¢¥¬
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
_ge[FGI?BK i ?:U;? i z¢~w?kws¥?:e?s¡v?eD;

ge[?FGJ? e§¨v{w¦?{¡?¨¦{u?S¡s¬¦{¦
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
_ge[FGJ?BK i ?:U;? i z¢~w?kws¥?:e?s¡v?eD;

_ge[?FGK? e§¨v{w¦?{¡?§zw?Sw¦§zw§{u¦?¢x?
_¨¦{u
0.2500 EFTS
P: Subject to approval of the Head of Department.
R: MUSI 407, MUSI 605
_ge[FGK?BK i ?:U;? i z¢~w?kws¥?:e?s¡v?eD;

ge[?FHB? S?f¢£{u?{¡?¨¦{u?U¥{§{u{¦
0.2500 EFTS
P: Subject to approval of the Head of Department.
R: MUSI 413, MUSI 606
_ge[FHB?BK i ?:U;? i z¢~w?kws¥?:e?s¡v?eD;

_ge[?FHC? S?V¢u¨ w¡§s¥¬?e§¨v¬?¢x?s?
b¥w¦u¥{twv?f¢£{u
0.2500 EFTS
P: Subject to approval of the Head of Department.
R: MUSI 414, MUSI 607
_ge[FHC?BK i ?:U;? i z¢~w?kws¥?:e?s¡v?eD;

ge[?FHD? i ¢¥~v?¨¦{u??Sv©s¡uwv?e§¨v{w¦
0.2500 EFTS
Whole Year (S1 and S2)

ge[2FHE2 U¢ £s¥s§{©w2e§¨¨v{w¦2{¡2¨¦{u2
Wv¨¨us§{¢¡
0.2500 EFTS

P: (1) MUSI 335 or MUSI 336; (2) Subject to approval of the Head of Department.
R: MUSI 403, MUSI 609

_ge[FHE?BKeC2:U;2 ew w¦§w¥2C

ge[2FHF2 U¨¨¥¥{u¨~¨ 2e§¨¨v{w¦2{¡2¨¦{u2
Wv¨¨us§{¢¡
0.2500 EFTS

P: (1) MUSI 335 or MUSI 336; (2) Subject to approval of the Head of Department.
R: MUSI 405, MUSI 610

_ge[FHF?BKeC2:U;2 ew w¦§w¥2C

_ge[2FHG2 e£wu{s~2f¢£{u
0.2500 EFTS

Paci f c Studies

College of Arts

bSUe2CBC2 bw¢£-{ ¡ y2§zw2bsu{Ău
18 points 0.1500 EFTS
Environment and culture in the Paci f c.
bSUeCBC?BKeD2:U;2 ew w¦§w¥2D

bSUe2DBC2 e£wu{s-2f¢£{ul2[¡ §¥¢v¨u§{¢ ¡ 2§¢2
bsu{Ău2bw¢£-w¦2s ¡ v2U¨-§¨¥w¦
22 points 0.1833 EFTS
P: A B average in 24 points in appropriate courses with the approval of the Head of Department.
bSUeDBC?BKeD2:U;2 ew w¦§w¥2D

bSUe2EBC2 e£wu{s-2f¢£{u
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
bSUeEBC?BKeD2:U;2 ew w¦§w¥2D

Postgraduate

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bSUe2FBC2 bsu{Ău2e§¨v{w¦
0.2500 EFTS
This interdisciplinary course introduces Paci f c Studies

bSUe2FCI2 e£wu{s-2f¢£{u
0.2500 EFTS
P: Subject to approval of the Head of Department.
bSUeFCI?BKeD2:U;2 ew w¡§w¥2D

bSUe2FCJ2 U¢-¢¡{s-{¦ 2§¢2bs¥§¡w¥¦z{£Q2
W¨¥¢£w2{¡2§zw2bsu{Au
0.2500 EFTS
Contemporary and Historical analysis of colonialism in the Paci f c drawing on case studies on the ecological impact

bZ[^2CFG2 b¢~{§{us~2s¡v2e¢u{s~2bz{~¢¦¢£z¬
18 points 0.1500 EFTS

`¢§2axxw¥wv2{¡2DBBK

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

106

bZ[^2DBJ2 ^¢y{u2S
22 points 0.1833 EFTS

An introduction to the core ideas of logic.

P: Any 18 points in Philosophy or Mathematics or Computg

Course Catalogue

bZ[^2EDC2 e£wu{s-2f¢£{uL2W§z{u¦
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.
bZ[^EDC?BKeC2:U;2 ew w¦§w¥2C

bZ[^2EDE2 e£wu{s-2f¢£{u
28 points 0.2333 EFTS
P: (1) 62 points in Philosophy, at least 44 at 200 level; (2) Approval of the Head of School.
bZ[^EDE?BKeC2:U;2 ew w¦§w¥2C

bZ[^2EDF2 e£wu{s-2f¢£{uL2T{¢w§z{u¦2S
28 points 0.2333 EFTS
`¢§2axxw¥wv2{¡2DBBK
P: 62 points in PHIL, at least 44 at 200 level, with approval of Programme Co-ordinator.
R: PHIL 240

bZ[^2EDG2 e£wu{s-2f¢£{uL2T{¢w§z{u¦2T
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 con f dentiality, 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)
bZ[^EDG?BKeD2:U;2 ew w¦§w¥2D

bZ[^2EDH2 [¡vw£w¡vw¡§2U¢¨¥¦w2¢x2e§¨v¬
28 points 0.2333 EFTS
P: 62 points in Philosophy, at least 44 at 200 level and permission from the Programme Director.
bZ[^EDH?BKeC2:U;2 ew w¦§w¥2C

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.

bZ[^2FEC2 Z{¦§¢¥¬2¢x2bz{-¢¦¢£z¬

bZke2CCE2 i s©w¦>2fzw¥ ¢v¬¡s {u¦?s¡v2 _s§w¥{s-¦
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

bZkeCCE?BKeC2:U;2 ew w¦§w¥2C
bZkeCCE?BKeD2:U;2 ew w¦§w¥2D

bZke2CCF2 W-wu§¥{us-?s¡v2c¨s¡§¨ ?bz¬¦{u¦
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.

Calculus or other background as approved by the Head of Department.
RP: MATH 109.
bZkeDJC?BKeC2:U;2 ew w¦§w¥2C

bZke2DJD2 W«£w¥{ w¡§s-2bz¬¦{u¦
11 points 0.0917 EFTS
Further techniques and applications in experimental physics.
P: PHYS 281
bZkeDJD?BKeD2:U;2 ew w¦§w¥2D

bZke2ECB2 fzw¥ s-2e§s§{¦§{us-2s¡v2bs¥§{u-w2 bz¬¦{u¦
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.
bZkeECB?BKeC2:U;2 ew w¦§w¥2C

bZke2ECC2 c¨¨s¡§¨ 2_wuzs¡{u¦
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.
bZkeECC?BKeC2:U;2 ew w¦§w¥2C

bZke2ECD2 S£-{wv2W-wu§¥¢ sy¡w§{¦
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
` §312
bZkeECD?BKeD2:U;2 ew w¦§w¥2D

bZke2ECF2 U¢¡vw¡¦wv2_s§§w¥2bz¬¦{u¦
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.
bZkeECF?BKeD2:U;2 ew w¦§w¥2D

bZke2ECH2 Yw¢£z¬¦{us-2X-¨{v2V¬¡s {u¦
14 points 0.1167 EFTS
Principles of the dynamics of an incompressible, non-viscous, rotating fuid applied to large-scale motion of the Earth's atmosphere and oceans.
P: (1) PHYS 223 or PHYS 221; (2) MATH 109 or equivalent.
bZkeECH?BKeC2:U;2 ew w¦§w¥2C

bZke2ECJ2 U¢ £¨§s§{¢¡s-2bz¬¦{u¦
14 points 0.1167 EFTS
`¢§2axxw¥wv2{¡2DBBK
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.

bZke2EDC2 fwuz¡{¤¨w¦2{¡2at¦w¥©s§{¢¡s-2 S¦§¥¢¡¢ ¬
14 points 0.1167 EFTS
`¢§2axxw¥wv2{¡2DBBK
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
` A 321
Note: Offered in even-numbered years.

bZke2EDD2 fzw¢¥w§{us-2s¡v2at¦w¥©s§{¢¡s-2 U¢¦ ¢-¢y¬
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
` A 322
bZkeEDD?BKeC2:U;2 ew w¦§w¥2C

bZke2EDE2 e§w~s¥2e§¥¨¨u§¨¥w2s¡v2W©¢-¨§{¢¡
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
` A 323
bZkeEDE?BKeD2:U;2 ew w¦§w¥2D
Note: Offered in odd-numbered years.

bZke2EDH2 U-s¦¦{us-2 wuzs¡{u¦2s¡v2 e¬ w§¥¬7b¥{¡u{£-w¦
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 feld theory, general relatively, particle physics and statistical mechanics.

bZke?FCG2 Yw¡w¥s-?dw-s§{©{§¬

0.1250 EFTS

P: Subject to approval of the Head of Department.

bZkeFCG?BKeD?:U;? ew w¦§w¥?D

bZke?FCH2 c¨s¡§¨ ?X{w-v?fzw¢¥¬

0.1250 EFTS

P: Subject to approval of the Head of Department.

bZkeFCH?BKeD?:U;? ew w¦§w¥?D

bZke?F0I?

bZke2FKG2 [¡§¥¢v¨u§{¢¡2§¢2bz¬¦{u¦2
Wv¨us§{¢¡2dw¦ws¥uz
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.

bZkeFKG2BKe2:U;2 ew w¦§w¥2C

Note: Cannot be credited to a postgraduate degree.

bZke2HKB2 _eu2fzw¦{¦
1.0000 EFTS

P: Subject to approval of the Head of Department.

bZkeHKB2BKS2:U;2 e§s¥§¦2S¡¬§{ w

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

bZke2IKB2 bz¬¦{u¦2bzV
1.0000 EFTS

P: Subject to approval of the Head of Department.

bZkeIKB2BKS2:U;2 e§s¥§¦2S¡¬§{ w

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 r↻ ck

Plato and fascism, republicanism and civil values, utopias, communism, anarchism, conservatism, and liberalism.

R: PHIL 145

145

ba^e℃BH?BKe℃::U;? ew w¦§w¥?℃

ba^e?DB℃? b¢~{§{us~?fzw¢¥¬L?Z{¦§¢¥¬?¢x?
b¢~{§{us~?fz¢¨yz§

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 constitutional-

ba^e2DBK2 e£wu{s-2f¢£{uL2^¢us-2Y¢©w¥¡ w¡§-2
b¢-{§{u¡2s¡v2W-wu§{¢¡¦
22 points 0.1833 EFTS
This course examines aspects of community politics in

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

· 26 , A 21 , § 20 , 207

ba^eDCJ?BKeC2:U;2 ew w¦§w¥2C

ba^e2DCK2 X¢¥w{y¡2b¢~{u¬2{¡2fzw¢¥¬2s¡v2 b¥su§{uw

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 imple-

ba^e?EBF? W¡©{¥¢¡ w¡§s~?b¢~{§{u¦?s¡v?b¢~{u¬
28 points 0.2333 EFTS
`¢§?axxw¥wv?{¡?DBBK
This course analyses the resource and environmental

with 88 points in appropriate courses may enter the course with the approval of the HOD.
R: MAOR 324
` A 324
ba^eEƆD?BKeƆ:U¡2 ew w¦§w¥2C

ba^e?EƆE? U¥{§{us~?S££¥¢suzw¦?§¢2

ba^e?EDB? e£wu{s~?f¢£{uL?W w¥y{¡y?
fwuz¡¢~¢y{w¦?s¡v?ewu¯¥{§¬
28 points 0.2333 EFTS
`¢§?axxw¥wv?{¡?DBBK
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.

ba^e?EDC? e£wu{s~?f¢£{u
28 points 0.2333 EFTS
`¢§?axxw¥wv?{¡?DBBK
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.

ba^e?EDD? e£wu{s~?f¢£{uL?U¢s¦§s~?
U¢ ¨¡{§{w¦?s¡v?U~{ s§w?
b¢~{§{u¦L?Svs£§s§{¢¡>?
h¨~¡w¥st{~{§¬?s¡v?dw¦{~{w¡uw
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 FD coa

ba^e2FBD2 i ¢¥-v2b¢-{§{u¦L2_¢vw¥¡2_{vv-w2 Ws¦§2b¢-{§{u¦
0.2500 EFTS

`¢§2axxw¥wv2{¡2DBBK
Political and legal aspects of the Palestine question in the context of the Arab-Israeli conf ict and peace process.
P: Subject to approval of the Head of School.

ba^e2FBE2 b¢-{§{u¦2s¡v2_s¥}w§¦L2`w¢?-{tw¥s-{¦ 2s¡v2Y-¢ts-{¦s§{¢¡
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.
ba^eFBE?BK i 2:U;2 i z¢-w2kws¥2:e©2s¡v2eD;

ba^e2FBF2 `wª2lws-s¡v2X¢¥w{y¡2b¢-{u¬
0.2500 EFTS

`¢§2axxw¥wv2{¡2DBBK
An advanced course on New Zealand's external relations.
P: Subject to approval of the Head of School.
R: DIPL 407
` 407

ba^e2FBG2 e£wu{s-2f¢£{uL2b¢-{§{us-2Wu¢¡¢ ¬2 ¢x2Z" s¡2d{yz§¦
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
` 40
ba^eFBG?BK i 2:U;2 i z¢-w2kws¥2:e©2s¡v2eD;

ba^e2FBH2 i ¢¥-v2b¢-{§{u¦L2`wª2lws-s¡v2 b¢-{§{u¦
0.2500 EFTS
An advanced course on New Zealand domestic politics.
P: Subject to approval of the Head of School.
ba^eFBH?BK i 2:U;2 i z¢-w2kws¥2:e©2s¡v2eD;

ba^e2FBI2 i ¢¥-v2b¢-{§{u¦L2b¢-{§{u¦2¢x2§zw2 S w¥{us¦
0.2500 EFTS

`¢§2axxw¥wv2{¡2DBBK
P: Subject to approval of the Head of School.

ba^e2FBJ2 i ¢¥-v2b¢-{§{u¦L2`s§{¢¡s-{¦ 2{¡2 S¦{s
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
ba^eFBJ?BK i 2:U;2 i z¢-w2kws¥2:e©2s¡v2eD;

ba^e2FBK2 i ¢¥-v2b¢-{§{u¦
0.2500 EFTS

`¢§2axxw¥wv2{¡2DBBK
P: Subject to approval of the Head of School.
R: DIPL 417
` 417

ba^e2FC©2 i ¢¥-v2b¢-{§{u¦L2f¥s¡¦x¢¥ {¡y2 S¦{s¡2e¢u{w§{w¦
0.2500 EFTS
P: Subject to approval of the Head of School.
ba^eFC©?BK i 2:U;2 i z¢-w2kws¥2:e©2s¡v2eD;

ba^e2FCF2 [¡§w¥¡s§{¢¡s-2b¢-{§{u¦L2_wv{s§{¢¡
0.2500 EFTS
An advanced coW vv dd c ccoc Y c " o # Φ d dd ó l. " d c ó l. '

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

ba^e?FDB? e£wu{s-?f¢£{u
0.2500 EFTS

P: Subject to approval of the Head of School.
R: ILAP 676

ba^eFDB?BK i ?:U;? i z¢-w?kws¥?:e?s¡v?eD;

ba^e?FDC? e£wu{s-?f¢£{u
0.2500 EFTS

P: Subject to approval of the Head of School.
R: ILAP 677

ba^eFDC?BK i ?:U;? i z¢-w?kws¥?:e?s¡v?eD;

ba^e?FDD? [¡§w¥©w¡§{¢¡?s¡v?[¡§w¥¡s§{¢¡s-?
dw-s§{¢¡¦
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
` 425

ba^eFDD?BK i ?:U;? i z¢-w?kws¥?:e?s¡v?eD;

ba^e?FDE? e£wu{s-?f¢£{u
0.2500 EFTS

P: Subject to approval of the Head of School.

ba^eFDE?BK i ?:U;? i z¢-w?kws¥?:e?s¡v?eD;

ba^e?FDF? e£wu{s-?f¢£{u?`¢¡?b¥¢-{xw¥s§{¢¡
0.2500 EFTS

P: Subject to approval of the Head of School.
R: ILAP 682

ba^eFDF?BK i ?:U;? i z¢-w?kws¥?:e?s¡v?eD;

ba^e?FEB? e£wu{s-?f¢£{u?_wv{s?s¡v?
[¡§w¥¡s§{¢¡s-?dw-s§{¢¡¦
0.2500 EFTS

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`w¨¥¢£¦¬uz¢-¢y¬

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

bekUFGJ?BKe□2:U;2 ew w¦§w¥2□

bekU2FGK2 b¦¬uz¢-¢y¬-2¢x2§zw2ew-x

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, f î elnke ilit

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

bekU2FHI2 e£wu{s-2f¢£{uL2[¡vw£w¡vw¡§2 U¢¨¥¦w2¢x2e§¨v¬
0.1250 EFTS

Direct enquiries to Psychology Graduate Studies Coordinator.

P: Subject to approval of the Head of Department.

bekUFHI?BK i 2:U;2 i z¢-w2kws¥2:e©2s¡v2eD;

bekU2FHJ2 e£wu{s-2f¢£{u
0.1250 EFTS

P: Subject to approval of the Head of Department

bekUFHJ?BKe©2:U;2 ew w¦§w¥2©

bekU2FHK2 e£wu{s-2f¢£{u
0.1250 EFTS

P: Subject to approval of the Head of Department

bekUFHK?BKe©2:U;2 ew w¦§w¥2©

bekU2FIB2 b¥¢|wu§
0.2500 EFTS

P: Subject to approval of the Head of Department.

bekUFIB?BK i 2:U;2 i z¢-w2kws¥2:e©2s¡v2eD;

bekU2FIC2 e£wu{s-2f¢£{u
0.1250 EFTS

P: Subject to approval of the Head of Department

bekUFIC?BKeD2:U;2 ew w¦§w¥2D

bekU2GBB2 V{£-¢ s2{¡2U-{¡{us-2b¦¬uz¢-¢y¬
0.5000 EFTS

P: Subject to approval of the Head of Department.

bekUGBB?BKS2:U;2 e§s¥§¦2S¡¬§{ w

bekU2GBC2 V{£-¢ s2{¡2[¡v¨¦§¥{s-2s¡v2 a¥ys¡{¦s§{¢¡s-2b¦¬uz¢-¢y¬
0.5000 EFTS

P: Subject to approval of the Head of Department.

bekUGBC?BK i 2:U;2 i z¢-w2kws¥2:e©2s¡v2eD;

bekU2GBD2 V{£-¢ s2{¡2U-{¡{us-2b¦¬uz¢-¢y¬2 bs¥§2f{ w
0.2500 EFTS

P: Subject to approval of the Head of Department.

bekUGBD?BKS2:U;2 e§s¥§¦2S¡¬§{ w

bekU2HBC2 dw¦ws¥uz2_w§z¢v¦2{¡2b¦¬uz¢-¢y¬
0.1250 EFTS

Postgraduate course in statistics and research methods.

P: Subject to approval of the Head of Department.

R: PSYC 460, PSYC 464

bekUHBC?BKeD2:U;2 ew w¦§w¥2D

bekU2HEC2 Sv©s¡uwv2bw¥¦¢¡¡w-2b¦¬uz¢-¢y¬
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

`A 631

bekUHEC?BK i 2:U;2 i z¢-w2kws¥2:e©2s¡v2eD;

bekU2HED2 Sv©s¡uwv2a¥ys¡{¦s§{¢¡s-2 b¦¬uz¢-¢y¬
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

`A 630

bekUHED?BK i 2:U;2 i z¢-w2kws¥2:e©2s¡v2eD;

bekU2HFC2 Sv©s¡uwv2b¦¬uz¢£s§z¢-¢y¬
0.2500 EFTS

P: Subject to approval of the Head of Department.

bekUHFC?BK i 2:U;2 i z¢-w2kws¥2:e©2s¡v2eD;

Note: Limited entry. See limitation of entry regulations.

bekU2HFD2 [¡§w¥©{wª2s¡v2b¦¬uz¢ w§¥{u2 S¦¡w¦¦ w¡§2_w§z¢v¦
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 signi f cant 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 speci f c 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 de f cits of each test, be con f dent 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.

bekUHFD?BK i 2:U;2 i z¢-w2kws¥2:e©2s¡v2eD;

Note: Limited entry. See limitation of entry regulations.

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

` § 302, 366, A 317

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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.

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dW^e□EDK□ e£wu{s-□f¢£{u

28 points 0.2333 EFTS

P: Subject to approval of Head of School.

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28 points 0.2333 EFTS

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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

` A 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.

dW^e□FBD□ b{-y¥{ syw□s¡v□Y¢vvw¦¦w¦¼{¡□ e¢¨¨§z□S¦{sL□¦su¥wv□|¢¨¨¥¡w¬¦□s¡v□ ¦su¥wv□£-suw¦

0.2500 EFTS

`¢§□axxw¥wv□{¡□DBBK

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.

dW^e□FBF□ Z{¦§¢¥¬□¢x□dw-{y{¢¨¨¦□e§¨¨v{w¦

0.2500 EFTS

P: Subject to approval of the Programme Director for Religious Studies.

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dW^e□FBG□ b¥¢£zw§¦□¢x□Uz¥{¦§{s¡□[vw¡§{§¬

0.2500 EFTS

`¢§□axxw¥wv□{¡□DBBK

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.

dW^e□FBI□ fzw□e§¨¨v¬□¢x□dw-{y{¢¡¦

0.2500 EFTS

P: Subject to approval of the Programme Director for Religious Studies.

R: RELS 328, RELS 240

dW^eFBI?BKeD□:U;□ ew w¦§w¥D

dW^e□FBJ□ e£wu{s-□f¢£{u

0.2500 EFTS

P: Subject to approval of the Programme Director for Religious Studies.

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dW^e□FBK□ e£wu{s-□f¢£{u

0.2500 EFTS

`¢§□axxw¥wv□{¡□DBBK

P: Subject to approval of the Programme Director for Religious Studies.

dW^e□FFB□ Sv©s¡uwv□es¡¦}¥{§

0.2500 EFTS

`¢§□axxw¥wv□{¡□DBBK

P: Subject to approval of the Programme Director for Religious Studies.

dW^e□FJB□ dw¦ws¥uz□W¦¦s¬

0.2500 EFTS

P: Subject to approval of the Programme Director for Religious Studies.

dW^eFJB?BKS□:U;□ e§s¥§¦□S¡¬§{ w

dW^eFJB?BK i □:U;□ i z¢~w□kws¥□:e□s¡v□eD;

dW^eFJB?BKUk□:U;□ U¥¢¦¦□kws¥

dW^e2HKB2 _S2fzw¦{¦

1.0000 EFTS

P: Subject to approval of the Programme Director for Religious Studies.

dW^eHKB?BKS2::U;2 e§s¥§¦2S¡¬§{ w

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

dW^e2IKB2 dw~{y{¢¨¦2e§¨v{w¦2bzV

1.0000 EFTS

P: Subject to approval of the Programme Director for Religious Studies.

dW^eIKB?BKS2::U;2 e§s¥§¦2S¡¬§{ w

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

**From 1 January 2008, international students who are resid*

dgee2FC02 e§¨v¬2¢x2s2d¨¦¦{s¡2 i ¥{§w¥
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
` 412
dgeeFC0?BK i ?:U;2 i z¢-w2kws¥?:eC2s¡v2eD;

dgee2FCD2 `s§{¢¡s-{¦ 2s¡v2W§z¡{u2U¢¡ă{u§2
{¡?§zw2b¢¦§?e¢©{w§2e£suw
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
` 420, 415
dgeeFCD?BK i ?:U;2 i z¢-w2kws¥?:eC2s¡v2eD;

dgee2HKB2 _S2fzw¦{¦
1.0000 EFTS

P: Subject to approval of the Head of School.
jdgeeHKB?BKS2:U;2 *Ã* o§s¥§¦?S¡¬§{ w *o*
Note: Part-time enrolment (0.65 EFTS) is available on approval.

dgee2IKB2 d¨¦¦{s¡2bzV
1.0000 EFTS

P: Subject to approval of the Head of School.
dgeeIKB?BKS2:U;2 e§s¥§¦?S¡¬§{ w
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

eU[W2EBC2 eu{w¡uw2s¡v2W¡§¥w£¥w¡w¨¥¦z{£2{¡2
`w a 2 l ws-s¡v>2bs¥§2C
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.
eU[WEBC?BKe2:U;2 ew w¦§w¥2C

eU[W2EBD2 eu{w¡uw2s¡v2W¡§¥w£¥w¡w¨¥¦z{£2{¡2
`w a 2 l ws-s¡v>2bs¥§2[[
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
eU[WEBD?BKeD2:U;2 ew w¦§w¥2D

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/c

ea i]?FDC? b¥{¡u{£-w¦?s¡v?b¥su§{uw
0.2500 EFTS
ea i]FDC?BK i ?:U;? i z¢-w?kws¥?:eC?s¡v?eD;

ea i]?FDD? b¢~{u¬?Sv {¡{¦§¥s§{¢¡?s¡v?§zw?
^Sa
0.2500 EFTS
ea i]FDD?BK i ?:U;? i z¢-w?kws¥?:eC?s¡v?eD;

ea i]?FDE?

Postgraduate

Note: Postgraduate courses may be subject to change.

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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 classi f cations of mental illness, and exploring the topic within the context of a developmental ecological perspective.

P: Subject to approval of the Head of School.

ea i]HCC?BK i ?:U;? i z¢~w?kws¥?:eC?s¡v?eD;

ea i]2HCD2 U¨~§¨¥w?e¢u{w§¬?s¡v?U¥{§{us~2 Vwts§w¦

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.

ea i]HCD?BK i ?:U;? i z¢~w?kws¥?:eC?s¡v?eD;

ea i]2HCE2 i w~xs¥w?b¢~{u¬?{¡?S¢§ws¥¢s?`wª? lws~s¡v

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 speci f cs, evolutionary elements and policy analysis are drawn together into an integrative framework.

P: Subject to approval of the Head of School.

ea i]HCE?BK i ?:U;? i z¢~w?kws¥?:eC?s¡v?eD;

ea i]2HCF2 e¢u{s~? i ¢¥}?b¥{¡u{£~w¦?s¡v2 b¥su§{uw2_¢vs~{§{w¦

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.

ea i]HCF?BK i ?:U;? i z¢~w?kws¥?:eC?s¡v?eD;

Note: Limited entry. See limitation of entry regulations.

ea i]2HCG2 e}{~¡?^st¦

0.1670 EFTS

P: Subject to approval of the Head of School.

§` 614

ea i]HCG?BKeD?:U;? ew w¦§w¥?D

Note: Limited entry. See limitation of entry regulations.

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eaU[2DBJ2 b¢¦§u¢~¢¡{s-{¦ 2s¡v2[vw¡§{§{w¦
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 speci f c identity claims and communal boundaries. Notions of diaspora and space are introduced and critically examined.

P: Either 18 point 5 ! 8 nd p i iath rac t8

eaU[?DDB? W¡©{¥¢¡ w¡§?s¡v?e¢u{w§¬
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)

eaU[DDB?BKeD?:U;? ew w¦§w¥?D

eaU[?DDC? e¢u{s~?b¢~{u¬
22 points

eaU[?DFB? e¢u{¢-¢y{us-?fzw¢¥¬
22 points 0.1833 EFTS
`¢§?axxw¥wv?{¡?DBBK
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
` 5 203

eaU[?DFD? Y-¢ts-{¦s§{¢¡?s¡v?g¥ts¡?Uzs¡yw
22 points 0.1833 EFTS
`¢§?axxw¥wv?{¡?DBBK
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

eaU[?DFE? e¢u{¢-¢y¬?¢x?Zws-§z?s¡v?
_wv{u{¡w
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
eaU[DFE?BKeD?:U;? ew w¦§w¥?D

eaU[?DFF? a¡?Vws§z?s¡v?V¬{¡y\?U¨¥¥w¡§?
U¢¡§¥¢©w¥¦{w¡?{¡?fzs¡s§¢-¢y¬
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 [" ' '

eaU[?EDB? W¡©{¥¢¡ w¡§?s¡v?e¢u{w§¬
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

death through a guided programme that includes a study of the notion of sequestered death, the body in death, the social strati f cation 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

eaU[EFF?BKeD?:U;? ew w¦§w¥?D

eaU[?EFI? Zws-§z>?fwuz¡¢-¢y{w¦?s¡v? W t¢v{ w¡§

28 points 0.2333 EFTS

`¢§?axxw¥wv?{¡?DBBK

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
` 310

eaU[?EFJ? S¡{ s-¦>?bw¢£-w?s¡v?e¢u{¢-¢y¬

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

eaU[EFJ?BKeD?:U;? ew w¦§w¥?D

eaU[?EFK? b¢£¨-s¥?_ ¨¦{u?U¨-§¨¥w

28 points 0.2333 EFTS

`¢§?axxw¥wv?{¡?DBBK

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
`A 34

eaU[?EGB? fz?[¡§w¥¡w§?s¡v?W©w¥¬vs¬?^{xw

28 points 0.2333 EFTS

`¢§?axxw¥wv?{¡?DBBK

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).

eaU[?EGD? b¢¦§u¢-¢¡{s-{¦ ?s¡v?[vw¡§{§{w¦

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 speci f c 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
` 312

eaU[EGD?BKeD?:U;? ew w¦§w¥?D

eaU[?EGE? W§z¡¢y¥s£z¬

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 f eldwork.

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
`A 301

eaU[EGE?BKeC?:U;? ew w¦§w¥?C

eaU[?EGJ? b¥{¦¢¡¦?s¡v?U¢¥¥wu§{¢¡¦

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).

eaU[EGJ?BKeD?:U;? ew w¦§w¥?D

eaU[?EHB? fz?_¢vw¥¡{§¬?¢x?dw-{y{¢¡

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
`A 306

eaU[EHB?BKeD?:U;? ew w¦§w¥?D

eSef2CBD2 Vw¦{¥w2s¡v2Vw~{©w¥s¡uw2{¡2S¦{s¡2
dw~{y{¢¡¦2fzw2fs¡§¥{u2f¥sv{§{¢¡
18 points 0.1500 EFTS
`¢§2axxw¥wv2{¡2DBBK
R: RELS 104
` 104

eSef2DBC2 [¡v{s¦2Zs¥s££s2§¢2fs|2_szs~
22 points 0.1833 EFTS
`¢§2axxw¥wv2{¡2DBBK
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
` 24

eSef2DBD2 e¢u{s~2s¡v2U¨~§¨¥s~2Z{¦§¢¥¬2¢x2
[¡v{s
22 points 0.1833 EFTS
Focussing on ancient, colonial and contemporary India, this course considers themes such as untouchability and caste

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

` 3 3

eSef?EBF? i ¢¥-v?_ ¨ ¦{u?D??Z{ s-s¬s¦
28 points 0.2333 EFTS

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

ebS`DBE?BKeD?:U;? ew w¦§w¥?D

ebS`?EB? Sv©s¡uwv?e£s¡{¦z?S
28 points 0.2333 EFTS

The aim of this course is to give students advanced

ebS`2FCB2 e£wu{s-2f¢£{u
0.2500 EFTS
P: Subject to approval of the Head of Department
ebS`FCB?BK i 2:U;2 i z¢-w2kws¥2:e©2s¡v2eD;

ebS`2FCC2 dw¦ws¥uz2W¦¦s¬
0.2500 EFTS
P: Subject to approval of the Programme Director.
ebS`FCC?BK i 2:U;2 i z¢-w2kws¥2:e©2s¡v2eD;

ebS`2FCD2 e£wu{s-2f¢£{u2¢¡2e£s¡{¦z2
^s¡y``syw
0.2500 EFTS
P: Subject to approval of the Programme Director
ebS`FCD?BK i 2:U;2 i z¢-w2kws¥2:e©2s¡v2eD;

ebS`2HKB2 _S2fzw¦{¦
1.0000 EFTS
P: Subject to approval of the Head of School.
ebS`HKB?BKS2:U;2 e§s¥§¦?S¡¬§{ w
Note: Part-time enrolment (0.65 EFTS) is available on approval.

ebS`2IKB2 e£s¡{¦z2bzV
1.0000 EFTS
P: Subject to approval of the Head of School
ebS`IKB?BKS2:U;2 e§s¥§¦?S¡¬§{ w
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 Therapguin ϖ ʒ] p ɓ Ǝ

Course Catalogue

efSf?EKD? e£wu{s~?f¢£{u
14 points 0.1167 EFTS
efSfEKD?BKeC?:U;? ew w¦§w¥?C
efSfEKD?BKeD?:U;? ew w¦§w¥?D

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.

efSf?FBG? T{¢{¡x¢¥ s§{u¦
0.1250 EFTS
P: Subject to approval of the Head of Department.
efSfFBG?BKeC?:U;? ew w¦§w¥?C
efSfFBG?BKeD?:U;? ew w¦§w¥?D

efSf?FFB? b¥¢tst{~{§¬?fzw¢¥¬
0.1250 EFTS
P: Subject to approval of the Head of Department.
efSfFFB?BKeC?:U;? ew w¦§w¥?C
efSfFFB?BKeD?:U;? ew w¦§w¥?D

efSf?FFG? _¨~§{©s¥{s§w?s¡v?X{¡s¡u{s~?f{ w? ew¥{w¦
0.1250 EFTS
P: Subject to approval of the Head of Department
efSfFFG?BKeC?:U;? ew w¦§w¥?C
efSfFFG?BKeD?:U;? ew w¦§w¥?D

efSf?FFH? Yw¡w¥s~{¦wv?^{¡ws¥?_¢vw~¦
0.1250 EFTS
P: Subject to approval of the Head of Department
efSfFFH?BKeC?:U;? ew w¦§w¥?C
efSfFFH?BKeD?:U;? ew w¦§w¥?D

efSf?FFK? b¥¢|wu§
0.2500 EFTS
P: Subject to approval of the Head of Department.
efSfFFK?BK i ?:U;? i z¢~w?kws¥?:eC?s¡v?eD;

efSf?FGB? Sv©s¡uwv?e§s§{¦§{us~?_¢vw~{¡y
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.
efSfFGB?BKeC?:U;? ew w¦§w¥?C
efSfFGB?BKeD?:U;? ew w¦§w¥?D

efSf?FGC? e¨¥©{©s~?s¡v?U¢¨ ¡§{¡y?b¥¢uw¦¦? _w§z¢v¦
0.1250 EFTS
P: Subject to approval of the Head of Department.
efSfFGC?BKeC?:U;? ew w¦§w¥?C
efSfFGC?BKeD?:U;? ew w¦§w¥?D

efSf?FGD? S£{~{wv?e§s§{¦§{u¦
0.1250 EFTS
P: Subject to approval of Head of Department
efSfFGD?BKeC?:U;? ew w¦§w¥?C
efSfFGD?BKeD?:U;? ew w¦§w¥?D

efSf?FGE? _s§zw s§{us~?e§s§{¦§{u¦
0.1250 EFTS
P: Subject to approval of the Head of Department.
efSfFGE?BKeC?:U;? ew w¦§w¥?C
efSfFGE?BKeD?:U;? ew w¦§w¥?D

efSf?FGF? S¡s~¬¦{¦?¢x?^¢¡y{§¨v{¡s~?vs§s
0.1250 EFTS
P: Subject to approval of the Head of Department.
efSfFGF?BKeC?:U;? ew w¦§w¥?C
efSfFGF?BKeD?:U;? ew w¦§w¥?D

efSf?FGG? es £~{¡y?_w§z¢v¦
0.1250 EFTS
P: Subject to approval of the Head of Department.
efSfFGG?BKeC?:U;? ew w¦§w¥?C
efSfFGG?BKeD?:U;? ew w¦§w¥?D

efSf?FGH? f{ w?ew¥{w¦?s¡v?e§¢uzs¦§{u? b¥¢uw¦¦w¦
0.1250 EFTS
P: Subject to approval of the Head of Department.
efSfFGH?BKeC?:U;? ew w¦§w¥?C
efSfFGH?BKeD?:U;? ew w¦§w¥?D

efSf?FGI? `¢¡£s¥s w§¥{u?_w§z¢v¦
0.1250 EFTS
P: Subject to approval of the Head of Department.
efSfFGI?BKeC?:U;? ew w¦§w¥?C
efSfFGI?BKeD?:U;? ew w¦§w¥?D

efSf?FGJ? S££~{wv?e§¢uzs¦§{u?_¢vw~{¡y
0.1250 EFTS
P: Subject to approval of the Head of Department.
efSfFGJ?BKeC?:U;? ew w¦§w¥?C
efSfFGJ?BKeD?:U;? ew w¦§w¥?D

efSf?FGK? U¢ £¨§s§{¢¡s~?e§s§{¦§{u¦
0.1250 EFTS
P: Subject to approval of the Head of Department.
efSfFGK?BKeC?:U;? ew w¦§w¥?C
efSfFGK?BKeD?:U;? ew w¦§w¥?D

efSf?FHB? W«§¥w w?hs~¨w?e§s§{¦§{u¦
0.1250 EFTS
P: Subject to approval of the Head of Department
efSfFHB?BKeC?:U;? ew w¦§w¥?C
efSfFHB?BKeD?:U;? ew w¦§w¥?D

efSf2FHC2 Ts¬w¦{s¡2[¡xw¥w¡uw
0.1250 EFTS
P: Subject to approval of the Head of Department
efSfFHC?BKeC2:U;2 ew w¦§w¥2C
efSfFHC?BKeD2:U;2 ew w¦§w¥2D

efSf2FHD2 Vs§s2_{i{¡y
0.1250 EFTS
P: Subject to approval of the Head of Department
efSfFHD?BKeC2:U;2 ew w¦§w¥2C
efSfFHD?BKeD2:U;2 ew w¦§w¥2D

efSf2FHE2 _¨-§{©s¥{s§w2e§s§{¦§{us-2_w§z¢v¦
0.1250 EFTS
P: Subject to approval of the Head of Department.
efSfFHE?BKeC2:U;2 ew w¦§w¥2C
efSfFHE?BKeD2:U;2 ew w¦§w¥2D

efSf2FHF2 e§s§{¦§{us-2[¡xw¥w¡uw
0.1250 EFTS
P: Subject to approval of the Head of Department.
efSfFHF?BKeC2:U;2 ew w¦§w¥2C
efSfFHF?BKeD2:U;2 ew w¦§w¥2D

efSf2FIB2 e£wu{s-2f¢£{u2{¡2e§s§{¦§{u¦
0.1250 EFTS
efSfFIB?BKeC2:U;2 ew w¦§w¥2C
efSfFIB?BKeD2:U;2 ew w¦§w¥2D

efSf2FIC2 e£wu{s-2f¢£{u2{¡2e§s§{¦§{u¦
0.1250 EFTS
efSfFIC?BKeC2:U;2 ew w¦§w¥2C
efSfFIC?BKeD2:U;2 ew w¦§w¥2D

efSf2FID2 e£wu{s-2f¢£{u2{¡2e§s§{¦§{u¦
0.1250 EFTS
efSfFID?BKeC2:U;2 ew w¦§w¥2C
efSfFID?BKeD2:U;2 ew w¦§w¥2D

efSf2FIF2 e£wu{s-2f¢£{u2{¡2e§s§{¦§{u¦
0.1250 EFTS
efSfFIF?BKeC2:U;2 ew w¦§w¥2C
efSfFIF?BKeD2:U;2 ew w¦§w¥2D

efSf2FIG2 [¡vw£w¡vw¡§2U¢¨¥¦w2¢x2e§¨v¬
0.1250 EFTS
efSfFIG?BJegD2:U;2 e¨ w¥2:`¢©2BJ;
efSfFIG?BKegC2:U;2 e¨ w¥2:\s¡2BK;
efSfFIG?BKeC2:U;2 ew w¦§w¥2C
efSfFIG?BKi2:U;2 iz¢-w2kws¥2:e2s¡v2eD;
efSfFIG?BKeD2:U;2 ew w¦§w¥2D

efSf2FKC2 e¨ w¥2dw¦ws¥uz2b¥¢|wu§
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.
efSfFKC?BJegD2:U;2 e¨ w¥2:`¢©2BJ;

efSf2HKB2 _eu2fzw¦{¦
1.0000 EFTS
PES ubjeAct to a Dprovalof the Head of Department.

or with prior learning and ability by permission of Head of School.
R: MAOR 325, MAOR 350, MAOR 360
` A 360
fdWaEHB?BK i ?:U;? i z¢-w?kws¥?:eC?s¡v?eD;

fdWa?EJD? _sz{?s?dwz{s?Sv©s¡uwv?_s¢¥{?
bw¥x¢¥ {¡y?S¥$¡
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
` A 3 2
fdWaEJD?BKeC?:U;? ew w¡§w¥?C

Theatre and Film Studies

College of Arts

fSXe?CBC? bw¥x¢¥ s¡uw
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.
fSXeCB?BKeC?:U;? ew w¡§w¥?C

fSXe?CBD? U¢¡§w £¢¥s¥¬? i ¢¥-v?U{¡w s
18 points 0.1500 EFTS
This course looke ld F

fSXe2DDB2 e£wu{s~2f¢£{uL2dw£¥w¦w¡§{¡y2§zw2 Z¢~¢us¨¦§2{¡2fzws§¥w2s¡v2X{~
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
fSXeDDB?BKe¢2:a;2 ew w¦§w¥2¢

fSXe2DDC2 e£wu{s~2f¢£{uL2fzw2bw¥x¢¥ s¡uw2 ¢x2§zw2T¢v¬2{¡2fzws§¥w2s¡v2X{~
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
fSXeDDC?BKeD2:a;2 ew w¦§w¥2D

fSXe2EBC2 fzw¢¥¬2s¡v2b¥su§{uw2¢x2_¢vw¥¡2 fzws§¥w
56 points 0.4667 EFTS
`¢§2axxw¥wv2{¡2DBBK
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.

fSXe2ECC2 U{¡w s2s¡v2_¢vw¥¡{§¬
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
`§ 311
fSXeECC?BKe¢2:U;2 ew w¦§w¥2¢

fSXe2ECD2 V¢u¨ w¡§s¥¬2s¡v2§zw2W¦¦s¬2X{~
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
`§ 312
fSXeECD?BKeD2:U;2 ew w¦§w¥2D

fSXe2EDB2 e£wu{s~2f¢£{uL2dw£¥w¦w¡§{¡y2§zw2 Z¢~¢us¨¦§2{¡2fzws§¥w2s¡v2X{~
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
fSXeEDB?BKe¢2:a;2 ew w¦§w¥2¢

fSXe2EDC2 e£wu{s~2f¢£{uL2fzw2bw¥x¢¥ s¡uw2 ¢x2§zw2T¢v¬2{¡2fzws§¥w2s¡v2X{~
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.
fSXeEDC?BKeD2:a;2 ew w¦§w¥2D

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.

fSXe2FBC2 Vw§s{~wv2e§¨v¬2¢x2s2fzws§¥wAX{~ 2 V{¥wu§¢¥
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.
fSXeFBC?BKe¢2:U;2 ew w¦§w¥2¢

fSXe2FBD2 fzw2V{¦£~s¬2¢x2§zw2T¢v¬2{¡2 bw¥x¢¥ s¡uw
0.2500 EFTS
This course explores the presentation of the human body as it represents aesthetic, philosophical and cultural values.

fSXe2FBG2 e¨£w¥©{¦wv2dw¦ws¥uz
0.2500 EFTS
P: Subject to approval of the Head of Department.
fSXeFBG?BK i 2:U;2 i z¢-w2kws¥2:eC2s¡v2eD;
fSXeFBG?BKeC2:U;2 ew w¦§w¥2C
fSXeFBG?BKeD2:U;2 ew w¦§w¥2D

fSXe2FBH2 i ¢ w¡Afzw¢¥¬AX{-
0.2500 EFTS
This course investigates the changing place of women in fIm: 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
fSXeFBH?BKeC2:U;2 ew w¦§w¥2C

fSXe2FBI2 U{¡w s2s¡v2`s§{¢¡
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 fIm/video work is required.
P: Subject to approval of the Head of Department.
fSXeFBI?BKeC2:U;2 ew w¦§w¥2C

fSXe2FCB2 e£wu{s-2f¢£{u
0.2500 EFTS
P: Subject to approval of the Head of Department.
fSXeFCB?BK i 2:U;2 i z¢-w2kws¥2:eC2s¡v2eD;

fSXe2FCC2 e£wu{s-2f¢£{uL2bw¥x¢¥ {¡y2_s¢¥{
0.2500 EFTS
This course introduces students to performance ethnography. Fieldwork is required.
P: Subject to approval of the Head of Department.
fSXeFCC?BKeC2:U;2 ew w¦§w¥2C

fSXe2FCD2 e£wu{s-2f¢£{u
0.2500 EFTS
P: Subject to approval of the Head of Department.
fSXeFCD?BKeD2:U;2 ew w¦§w¥2D

fSXe2FJB2 b¥su§{us-2b¥¢|wu§L2V{¥wu§{¢¡2¢x2s2 b¥¢|wu§
0.2500 EFTS
Each student will be involved in producing and directing a stage or fIm pro ject. Pre-requisite: Ê Practical Project a pro ooc ooc P prs ct / A

performance; intervention criteria; deterioration models; rehabilitation and maintenance strategies and priorities.

P: Subject to approval of the Head of Department.

W`fdHBF?BKj?:U;? dwxw¥?§¢?ªwt¦{§w?x¢¥?vs§w¦

W`fd?HBI? e£wu{s-?f¢£{u?{¡?f¥s¡¦£¢¥§?
W¡y{¡ww¥{¡y
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

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Used for additional one-off courses or individualised study for a student. Refer to Director of Transportation Engineering regarding availability.

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Road and transport administration in NZ; Transport legislative environment in NZ; Communication/presentation skills; Public consultation; Traffc surveys; Transport assessment and economics; Demand management and tolling; Construction planning and contract management.

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Transport economics; Travel demand management; Transport policy objectives and instruments; Traffc management modelling.

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R: ENTR 601

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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.

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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.

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A written report on a research project approved by the Head of Department. The report must be completed and presented to the Registp mmm tp nt