



The Degree of Bachelor of Science (BSc)

See also General Course and Examination Regulations.

** Subject to Universities New Zealand CUAP approval, due December 2016.

Note: In certain course regulations the Degree of Bachelor of Science is referred to as "the ordinary Degree of Bachelor of Science" to distinguish it from the Degree of Bachelor of Science with Honours.

1. Requirements of the Degree Course

Each student must complete a Bachelor of Science Degree with a minimum of 360 credits (3 EFTS).

2. Structure of the Degree

The Bachelor of Science Degree is structured as follows:

- (a) a minimum of 360 credits.
- (*) a minimum of 255 credits, 360 credits.
- (b) The Bachelor of Science Degree is structured as follows:
 - (i) a minimum of 105 credits, 360 credits.
 - (ii) a minimum of 225 credits, 100-300 credits.
 - (iii) a minimum of 90 credits, 300-360 credits.
 - (iv) a minimum of 60 credits, 90 credits.

3. Subject Majors and Endorsements of the Degree**

- (a) Subject Majors:
 - A: Agriculture; B: Business; B.S: Business Science;
 - C: Computing; C.T: Computing Technology; E: Engineering;
 - E.S: Engineering Science; F: Finance; F.A: Financial Analysis;
 - E.P: Engineering Practice; G: Games; G.A: Games Analysis;
 - L: Law; M: Mathematics; M.A: Mathematics Analysis;
 - P: Psychology; P.S: Psychology Science.

- (*) a minimum of 255 credits, 360 credits.
- (b) The Bachelor of Science Degree is structured as follows:
 - (i) a minimum of 105 credits, 360 credits.
 - (ii) a minimum of 225 credits, 100-300 credits.
 - (iii) a minimum of 90 credits, 300-360 credits.
 - (iv) a minimum of 60 credits, 90 credits.

* Not open to new enrolments in 2017.

Note: The course and programme requirements are given in the Schedule of Endorsements for the Award elsewhere in the degree regulations.

4. Workload

Each student must complete a Bachelor of Science Degree with a minimum of 150-175 credits, 150-175 credits.

Note: Students should seek advice from the College office as to the recommended GPA for such a course of study.

5. Direct Entry into 200-level Courses

Students may be eligible for direct entry into 200-level courses. (NCEA) students may be eligible for direct entry into 200-level courses.

- (a) Students may be eligible for direct entry into 200-level courses.
- (*) Students may be eligible for direct entry into 200-level courses.

300-level

R, : ENVR 301, GEOG 309, a | | |
60 - a, | a, a, |
t, a, | a, .

F, a, .

100-level

R, : (STAT 101, MSCI 110), MATH 102, a,
(ACCT 102, ACIS 102).

S, : ECON 104, MATH 103.

200-level

R, : FINC 201 a, FINC 203.

R, : FINC 205 a, ECON 213,

30 - 200- , S, a, .

300-level

R, : FINC 331 a, a t, , 45 - |
300- , F, a, .

Award Regulations

100-level
 15-30-100-
 T. 15-30-100-
 E. a-
 a-
 t. P. a | C.

Ma, a | S

This subject will be discontinued. No new enrolments will be accepted into this major or minor. Students continuing in this subject should contact the College of Science Student Advisor.

100-level

R: MSCI 101; STAT 101, MSCI 110.
 R: 15-30-100- Ma, -
 a. : MGMT 100, ECON 104 a, ECON 105.

200-level

R: A, 30-, 200-, MSCI.

300-level

R: A, 60-, 300-, MSCI.

Ma., | a.

100-level

R: MATH 103, MATH 109, MATH 199.

200-level

R: 45-, MATH 201, MATH 202, MATH 203, MATH 220 a, MATH 240 (, MATH 201 a, a, MATH 202, MATH 203).

Note: EMTH 210 may replace MATH 201, and, EMTH 211 may replace MATH 203.

300-level

R: 60-, MATH 301 394.
 R: A, a 30-, MATH 301 394, STAT 301 394, a-
 a-
 R: : MATH 343.

Rec218.2677 129.6137ints of 300-level MSCI.

Award Regulations

ASTR 324	S. a T.	15	S2	P: (1) 22, PHYS 221-PHYS 224, ASTR 211, ASTR 212; (2) MATH 103, MATH 109, a.
ASTR 325	T. S. a E. Ga a	15	NO	P: (1) 30, PHYS 201-203, ASTR 211-212; a. (2) MATH 103, MATH 109, EMTH 119, MATH 201. R: PHYS 325, ASTR 425 RP: MATH 202 EQ: PHYS 325
ASTR 326	S. a T.	15	S1	P: (1) 22, PHYS 221 - PHYS 224, ASTR 211, ASTR 212; (2) MATH 109, a; (3) E. H. D. .
ASTR 381	A. a. E. P. a. A.	15	S2	P: (1) PHYS 285; (2) 30, PHYS 201-206, PHYS 202, PHYS 205). (3) MATH 103, EMTH 119. R: PHYS 381 RP: MATH 201 EQ: PHYS 381
ASTR 391	E. A. R. a.	15	SU2 S1 S2	P: (1) MATH 103, MATH 109, a. (2) 44, PHYS 200, ASTR 200 (3) E. a. H. D. . a a. R: ASTR 392, ASTR 393

B. |

Course Code	Course Title	Pts	2017	P/C/R/PP/EQ
BCHM 112	S. a R. C. a. B.	15	S2	P: (1) NCEA: a. 14, NCEA 3 C. . (2) CIE: a. D. a, CIE AL C. . A. a, CIE ASL C. . (3) IB: a. G a, 4, IB HL C. . G a, 6, IB SL C. . (4) CHEM 114, a. B G a, BRDG 022. R: CHEM 112 EQ: CHEM 112
BCHM 202	F. a. M. a B.	15	S1	P: BIOL 111, ENCH 281. R: BIOL 230, BIOL 231, ENCH 480 RP: CHEM 112, BCHM 112 EQ: BIOL 231
BCHM 206	O. a. C.	15	S2	P: CHEM 212, BCHM 212 R: CHEM 242 EQ: CHEM 242
BCHM 207	S. a T.	15	S1 W	P: E. a. C. . B. .
BCHM 212	C. a R. C.	15	S1	P: CHEM 112, BCHM 112, ENCH 241 R: CHEM 212 EQ: CHEM 212
BCHM 222	BIOCHEMISTRY B - M. a.	15	S2	P: BCHM 221 R: BCHM 201, ENCH 323
BCHM 253	C. B.	15	S1	P: 1) BIOL 111, ENCH 281 a. 2) 15, CHEM a. 100 R: BIOL 253 EQ: BIOL 253
BCHM 281	P. a B.	15	S2	P: CHEM 111, CHEM 112, BCHM 112, CHEM 114. R: CHEM 281
BCHM 301	B. 3	30	W	P: (1) E., BCHM 201, BCHM 221 a. BCHM 222; (2) BCHM 202, BIOL 231. R: BIOL 331 EQ: BIOL 331

Award Regulations

BCHM 302	B. S. C.	30	W	P: E. (1) 30, BCHM 206, BCHM 212, CHEM 212, CHEM 242; (2) BCHM 221, BCHM 222 a, BCHM 212, CHEM 212. R: CHEM 325 EQ: CHEM 325
BCHM 303	S. T.	15	W	P: E. a, C, B.
BCHM 304	S. T.	15	W	P: E. a, C, B.
BCHM 335	B. S. E.			

CHEM 281	P. ... a C, ...	15	51	P: CHEM 111, CHEM 112, BCHM 112 R: BCHM 281
CHEM 321	A ... a, ... l a F. a, T281, ... a_o T2 (...)14, F, P)16			(a, ... -15.9 ()0.01 T)T 0.0a 0 1204.713 351.4633 ... 0 0 16.675 0 SQ 330C

Award Regulations

COSC 264	...	15	S2	P: (1) COSC 121; (2) COSC 122; (3) STAT 101, EMTH 119 R: COSC 227, COSC 231
COSC 265	...	15	S2	P: COSC 121, INFO 125 R: COSC 205, COSC 226
COSC 362	...	15	S2	P: COSC 264, INFO 333. R: COSC 332, ACIS 323, AFIS 323 RP: ... COSC 362 a, COSC 364, ...
COSC 363	...	15	S1	P: (1) ENCE 260, (2) 30, ..., 200-, C, S, (3) 15-, 100-, MATH/STAT/EMTH (MATH 120), MATH 101-, ...
COSC 364	...	15	S1	P: COSC 264, ENCE 260 R: COSC 331
COSC 366	...	15	SU2	P: (1) 45-, 200-, C, S, (2) 30, ..., M, S, E, (3) 15-, MATH 120, ... RP: COSC 110 OR COSC 101, ENCE 260, COSC 261, COSC 262, SENG 201
COSC 367	...	15	S1	P: COSC 262 R: COSC 329
COSC 368	...	15	S2	P: (1) 45-, (2) 30-, C, S, (3) 15-, ENCE 260, EMTH, MATH/STAT (MATH 120), MATH 101-, ... R: COSC 225 RP: COSC 110 OR COSC 101, COSC 263 OR SENG 201
COSC 371	...	15	NO	P: S, H, D, ...
COSC 372	...	15	NO	P: S, H, D, ...
ENCE 260	...	15	S2	P: COSC 121, ..., D, E, BE(H, ...) R: ENEL 206; COSC 208/ENCE 208 a, COSC 221/ENCE 221
ENCE 360	...	15	S2	P: ENCE 260. R: COSC 321 RP: COSC 110, COSC 101, COSC 262.
ENCE 361	...	15	S1	P: ENCE 260 R: ENEL 353, ENEL 323, COSC 361, ELEC 361, ENEL 340
SENG 201	...	15	S1	P: (1) COSC 121; (2) COSC 122; (3) 15-, M, S, E, MATH 120/STAT 101 a, ... R: COSC 263, COSC 324
SENG 301	...	15	S1	P: SENG 201. R: COSC 314, COSC 324 RP: COSC 110 OR COSC 101, ENCE 260.
SENG 302	...	30	W	P: SENG 201. C: SENG 301 R: COSC 325, COSC 314 RP: COSC 110 OR COSC 101, ENCE 260, COSC 368, COSC 265.
SENG 365	...	15	S2	P: COSC 265, (INFO 223, INFO 253, INFO 263). R: COSC 365 RP: SENG 201-, ...

STAT 101	STAT 101	15	SU2 S1 S2	R: STAT 111, STAT 112 EQ: STAT 111, STAT 112
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Note: ENVR 201 and ENVR 301 will be available from 2018 and 2019 respectively.

F, a, p, i

Course Code	Course Title	Pts	2017	P/C/R/PP/EQ
FINC 101	FINC 101	15	S1	
FINC 201	FINC 201	15	S1	P: (1) ACCT 102, MATH 103; a, (2) STAT 101, MSCI 110; a, (3) A, 45, BC, BS R: FINC 202, AFIS 204 RP: S, a, NCEA L, 2, MATH 101, EQ: AFIS 204
FINC 203	FINC 203	15	S1	P: (1) STAT 101, MSCI 110; a, (2) A, 60, BC, BS R: AFIS 214 EQ: AFIS 214
FINC 205	FINC 205	15	S2	P: (1) MATH 102, MATH 108, MATH 199; a, (2) STAT 101, MSCI 110. RP: MATH 103
FINC 301	FINC 301	15	S2	P: (1) FINC 201 a, FINC 203; a, (2) MATH 101, MATH 102, MATH 108, MATH 199 R: FINC 354, AFIS 304
FINC 302	FINC 302	15	NO	P: (1) FINC 201 a, FINC 203; a, (2) MATH 101, MATH 102, MATH 108, MATH 199
FINC 305	FINC 305	15	S1	P: (1) FINC 201, FINC 203 a, (MATH 101, MATH 102, MATH 199); (2) FINC 201 a, MATH 103 R: FINC 316
FINC 308	FINC 308	15	S2	P: FINC 201 a, FINC 203 R: FINC 394 a, AFIS 314
FINC 311	FINC 311	15	S1	P: (1) FINC 201, FINC 203 a, (MATH 101, MATH 102, MATH 199); (2) FINC 201 a, MATH 103 R: FINC 364, AFIS 314
FINC 312	FINC 312	15	S1	P: (1) FINC 201, FINC 203 a, (MATH 101, MATH 102, MATH 199); (2) FINC 201 a, MATH 103 R: FINC 612
FINC 316	FINC 316	15	S2	P: (1) FINC 201 a, FINC 203; a, (2) MATH 102, MATH 199 RP: FINC 205
FINC 323	FINC 323	15	NO	P: (1) ECON 213; a, (2) ECON 202, ECON 207, FINC 205; a, (3) MATH 102 R: STAT 317, ECON 323 EQ: ECON 323, STAT 317
FINC 331	FINC 331	15	S1	P: ECON 207, FINC 201, MATH 102; R: ECON 331 RP: FINC 205, MATH 103 EQ: ECON 331
FINC 344	FINC 344	15	S2	P: ECON 206, FINC 201, FINC 203 R: FINC 315, ECON 344, ECON 210 RP: 15, MATH, Y, a 13 Ma. Ca EQ: ECON 344

Award Regulations

F. .

Course Code	Course Title	Pts	2017	P/C/R/EP/EQ
FORE 102	F. . S. .	15	S1 S2	P: H. . D. . R: FORE 101, FORE 103, FORE 104, FORE 111, FORE 121
FORE 111	T. . F. . E. .	15	S1	R: FORE 101, FORE 102, FORE 103, FORE 104, FORE 105, FORE 121
FORE 218	F. . B. .	30	S1	P: 30 . . FORE 111, FORE 121, BIOL 111, BIOL 112, BIOL 113, S. . R: BIOL 270, FORE 202
FORE 219	F. . S. .	15	S2	P: BIOL 112 a. BIOL 113, . FORE 111, 131 a. 141. R: PAMS 202, BIOL 252, FORE 214

G. . a. .

Course Code	Course Title	Pts	2017	P/C/R/EP/EQ

Award Regulations

GEOG 311	Geography	15	S1	P: 30-credit, 200-credit, Geography, GEOG 201, D-credits.
GEOG 312	Geography	15	S2	P: 30-credit, 200-credit, Geography, GEOG 201, D-credits.
GEOG 321	Environmental Geography	30	S2	P: 0-credit; (a) 15-credit, Geography, A-credits; (b) 15-credit, EURO 200-credit, B-credits; (c) 30-credit, EURO 200-credit, 45-credit, A-credits, 200-credit, R: EURO 210, EURO 310, EURA 210, EURA 310 EQ: EURA 310
GEOG 322	Geography	30	S1	P: 30-credit, 200-credit, Geography, HLTH 201, HLTH 202, D-credits.
GEOG 323	Geography	15	S2	P: 30-credit, 200-credit, Geography, GEOG 205, D-credits.
GEOG 324	Geography GIS	15	S1	P: 30-credit, 200-credit, Geography, GEOG 205, D-credits.
GEOG 340	Geography	15	NO	P: 30-credit, 200-credit, Geography, GEOG 201, D-credits.
GEOG 350	Geography	30	S1 S2	P: A 1-credit, Geography, S-credits, R: GEOG 211
GEOG 351	Geography	15	S2	P: A 30-credit, 200-credit, Geography, D-credits, R: GEOG 212
ARTS 395	Arts	30	SU2	P: S-credits, D-credits, R: S-credits, UC Credits, CV Credits, R: S-credits

Geography

Course Code	Course Title	Pts	2017	P/C/R/RP/EQ
GEOL 111	Geology	15	SU1 S1	R: ENCI 271
GEOL 113	Geology	15	S2	
GEOL 115	Geology	15	S2	R: GEOL 112 RP: GEOL 111
GEOL 237	Geology	15	S1 S2	P: S-credits, D-credits
GEOL 240	Geology	15	S1	P: (1) GEOL 111, (2) GEOL 113, GEOL 115 C: 15-credit, D-credits, GEOL 242-246, R: S-credits
GEOL 241	Geology	15	S2	P: (1) GEOL 111, (2) GEOL 113, GEOL 115 C: 15-credit, D-credits, GEOL 242-246, R: S-credits R: GEOL 231
GEOL 242	Geology	15	S1	P: (1) GEOL 111, (2) GEOL 113, GEOL 115

GEOL 243	D. , . , a E. , , , - a	15	S1	P: (1) GEOL 111, a, (2) GEOL 113, GEOL 115
GEOL 244	S. , a G. , a G. , a	15	S2	P: (1) GEOL 111, a, (2) GEOL 113, GEOL 115
GEOL 246	S. , a T. , :E. . S. a, D, a	15	S2	P: GEOL 111 a, , GEOL 113, GEOL 115. RP: GEOG 109; 100- , . . . ,
GEOL 331	P. , Ba, A, a	15	S1	P: GEOL 243 a, a, a 15- , GEOL 242-246. RP: GEOL 242, GEOL 244.
GEOL 336	Ma a S. , a V. , a	15	S2	P: GEOL 232, GEOL 242- , a, a, GEOL 243-GEOL 246.
GEOL 337	G. , a a O, E, a	15	S1	P: GEOL 242 a, 15- , GEOL 243-246.
GEOL 338	E. , a M. , G. ,	15	S2	P: GEOL 242 a, GEOL 246
GEOL 339	S. , a T. ,	15	S1	P: S. , a, a, H, a, D. ,
GEOL 340	S. , a T. ,	15	S1 S2	P: S. , a, a, a, H, a, D. ,
GEOL 342	S. , a T. ,	15	S1	P: S. , a, a, a, H, a, D. ,
GEOL 343	S. , a T. ,	15	S1 S2	P: S. , a, a, a, H, a, D. ,
GEOL 351	A a, F, T. ,	15	S1	P: (1) GEOL 240 a, GEOL 241. a, (2) GEOL 243 (3) 30 - , GEOL 200- . . . C: 15- , GEOL 331-357,

LING 104	E, a, La, a, E, a, B,	15	S2	R: EULC 104, EURO 104, EURA 104 EQ: EURA 104
LING 210	La, a, Va, a, A, S, a, T,	15	S2	P: LING 101, ENLA 101, LING 102, ENLA 102 R: LING 203, ENLA 210
LING 215	T, S, S,	15	S1	P: LING 101, LING 111, ENGL 123, ENGL 112 R: CMDS 231
LING 216	S, W, a, S, La, a,	15	S2	P: LING 101, LING 111, ENGL 123, ENGL 112 R: LING 207, LING 302
LING 217	S, S,	15	S1	P: LING 101, LING 111, ENGL 123, ENGL 112 R: LING 201, LING 206, LING 211
LING 218	T, E, M, a, La, a,	15	NO	P: LING 101, LING 111, ENGL 123, ENGL 112, a, 15 PHIL R: LING 202, PHIL 251 EQ: PHIL 251
LING 219	La, a, A,	15	NO	P: LING 101, LING 111, ENGL 123, ENGL 112, a, a, EDUC, EDED, PSYC R: CMDS 221, LING 205
LING 220	T, H, E,	15	NO	P: A, 30, a, 100, R: ENGL 240, ENGL 241, LING 204, LING 214
LING 225	F, L,	15	S1	P: 30, a, 100, a, (15)T T P: 30, a, 100,)711, LING 205,

Award Regulations

MATH 170	Mathematical Methods I Calculus	15	NO	R: MATH 171, EMTH 171 RPL: , , EMTH 171

MATH 343	MATH 343	15	S1	P: MATH 201, MATH 202, MATH 203, MATH 240, MATH 270, EMTH 210, EMTH 211, EMTH 271.
MATH 353	MATH 353	15	S1	P: MATH 201, MATH 202, MATH 203, MATH 240, MATH 270, EMTH 211, EMTH 271. W: MATH 201, MATH 210, MATH 211, MATH 212, MATH 213, MATH 214, MATH 215, MATH 216, MATH 217, MATH 218, MATH 219, MATH 220, MATH 221, MATH 222, MATH 223, MATH 224, MATH 225, MATH 226, MATH 227, MATH 228, MATH 229, MATH 230, MATH 231, MATH 232, MATH 233, MATH 234, MATH 235, MATH 236, MATH 237, MATH 238, MATH 239, MATH 240, MATH 241, MATH 242, MATH 243, MATH 244, MATH 245, MATH 246, MATH 247, MATH 248, MATH 249, MATH 250, MATH 251, MATH 252, MATH 253, MATH 254, MATH 255, MATH 256, MATH 257, MATH 258, MATH 259, MATH 260, MATH 261, MATH 262, MATH 263, MATH 264, MATH 265, MATH 266, MATH 267, MATH 268, MATH 269, MATH 270, MATH 271, MATH 272, MATH 273, MATH 274, MATH 275, MATH 276, MATH 277, MATH 278, MATH 279, MATH 280, MATH 281, MATH 282, MATH 283, MATH 284, MATH 285, MATH 286, MATH 287, MATH 288, MATH 289, MATH 290, MATH 291, MATH 292, MATH 293, MATH 294, MATH 295, MATH 296, MATH 297, MATH 298, MATH 299, MATH 300. R: EMTH 414
MATH 363	MATH 363	15	S2	P: MATH 201, EMTH 210, MATH 202, MATH 203, MATH 240, MATH 270. R: EMTH 415
MATH 365	MATH 365	15	S2	P: MATH 201, MATH 240; MATH 202, MATH 203, MATH 240, MATH 270. R: MATH 342
MATH 380	MATH 380	15	S1	P: MATH 201, MATH 202, MATH 203, MATH 240, MATH 270, EMTH 210, EMTH 211, EMTH 271. W: MATH 201, MATH 210, MATH 211, MATH 212, MATH 213, MATH 214, MATH 215, MATH 216, MATH 217, MATH 218, MATH 219, MATH 220, MATH 221, MATH 222, MATH 223, MATH 224, MATH 225, MATH 226, MATH 227, MATH 228, MATH 229, MATH 230, MATH 231, MATH 232, MATH 233, MATH 234, MATH 235, MATH 236, MATH 237, MATH 238, MATH 239, MATH 240, MATH 241, MATH 242, MATH 243, MATH 244, MATH 245, MATH 246, MATH 247, MATH 248, MATH 249, MATH 250, MATH 251, MATH 252, MATH 253, MATH 254, MATH 255, MATH 256, MATH 257, MATH 258, MATH 259, MATH 260, MATH 261, MATH 262, MATH 263, MATH 264, MATH 265, MATH 266, MATH 267, MATH 268, MATH 269, MATH 270, MATH 271, MATH 272, MATH 273, MATH 274, MATH 275, MATH 276, MATH 277, MATH 278, MATH 279, MATH 280, MATH 281, MATH 282, MATH 283, MATH 284, MATH 285, MATH 286, MATH 287, MATH 288, MATH 289, MATH 290, MATH 291, MATH 292, MATH 293, MATH 294, MATH 295, MATH 296, MATH 297, MATH 298, MATH 299, MATH 300. R: MATH 301, MATH 433, HAPS 405
MATH 391	MATH 391	15	S1	P: MATH 201, MATH 202, MATH 203, MATH 240, MATH 270, EMTH 210, EMTH 211, EMTH 271.
MATH 392	MATH 392	15	S2	P: MATH 201, MATH 202, MATH 203, MATH 240, MATH 270, EMTH 210, EMTH 211, EMTH 271.
MATH 393	MATH 393	15	S1	P: MATH 201, MATH 202, MATH 203, MATH 240, MATH 270, EMTH 210, EMTH 211, EMTH 271.
MATH 394	MATH 394	15	S2	P: MATH 201, MATH 202, MATH 203, MATH 240, MATH 270, EMTH 210, EMTH 211, EMTH 271.
MATH 395	MATH 395	15	SU2 A	P: MATH 201, MATH 202, MATH 203, MATH 240, MATH 270, EMTH 210, EMTH 211, EMTH 271. R: MATH 305

P.

Course Code	Course Title	Pts	2017	P/C/R/RP/EQ
PHIL 110	PHIL 110	15	S1	R: HAPS 110 EQ: HAPS 110
PHIL 111	PHIL 111	15	NO	
PHIL 132	PHIL 132	15	S2	R: PHIL 101
PHIL 133	PHIL 133	15	S2	
PHIL 137	PHIL 137	15	S1	R: DIGI 102 EQ: DIGI 102
PHIL 138	PHIL 138	15	NO	R: PHIL 132 (2006), MATH 130, PHIL 134/MATH 134
PHIL 139	PHIL 139	15	S1	
PHIL 203	PHIL 203	15	S1	P: PHIL 101, PHIL 102, PHIL 103, PHIL 104, PHIL 105, PHIL 106, PHIL 107, PHIL 108, PHIL 109, PHIL 110, PHIL 111, PHIL 112, PHIL 113, PHIL 114, PHIL 115, PHIL 116, PHIL 117, PHIL 118, PHIL 119, PHIL 120, PHIL 121, PHIL 122, PHIL 123, PHIL 124, PHIL 125, PHIL 126, PHIL 127, PHIL 128, PHIL 129, PHIL 130, PHIL 131, PHIL 132, PHIL 133, PHIL 134, PHIL 135, PHIL 136, PHIL 137, PHIL 138, PHIL 139, PHIL 140, PHIL 141, PHIL 142, PHIL 143, PHIL 144, PHIL 145, PHIL 146, PHIL 147, PHIL 148, PHIL 149, PHIL 150, PHIL 151, PHIL 152, PHIL 153, PHIL 154, PHIL 155, PHIL 156, PHIL 157, PHIL 158, PHIL 159, PHIL 160, PHIL 161, PHIL 162, PHIL 163, PHIL 164, PHIL 165, PHIL 166, PHIL 167, PHIL 168, PHIL 169, PHIL 170, PHIL 171, PHIL 172, PHIL 173, PHIL 174, PHIL 175, PHIL 176, PHIL 177, PHIL 178, PHIL 179, PHIL 180, PHIL 181, PHIL 182, PHIL 183, PHIL 184, PHIL 185, PHIL 186, PHIL 187, PHIL 188, PHIL 189, PHIL 190, PHIL 191, PHIL 192, PHIL 193, PHIL 194, PHIL 195, PHIL 196, PHIL 197, PHIL 198, PHIL 199, PHIL 200. R: PHIL 223, PHIL 303
PHIL 208	PHIL 208	15	S1	P: PHIL 101, PHIL 102, PHIL 103, PHIL 104, PHIL 105, PHIL 106, PHIL 107, PHIL 108, PHIL 109, PHIL 110, PHIL 111, PHIL 112, PHIL 113, PHIL 114, PHIL 115, PHIL 116, PHIL 117, PHIL 118, PHIL 119, PHIL 120, PHIL 121, PHIL 122, PHIL 123, PHIL 124, PHIL 125, PHIL 126, PHIL 127, PHIL 128, PHIL 129, PHIL 130, PHIL 131, PHIL 132, PHIL 133, PHIL 134, PHIL 135, PHIL 136, PHIL 137, PHIL 138, PHIL 139, PHIL 140, PHIL 141, PHIL 142, PHIL 143, PHIL 144, PHIL 145, PHIL 146, PHIL 147, PHIL 148, PHIL 149, PHIL 150, PHIL 151, PHIL 152, PHIL 153, PHIL 154, PHIL 155, PHIL 156, PHIL 157, PHIL 158, PHIL 159, PHIL 160, PHIL 161, PHIL 162, PHIL 163, PHIL 164, PHIL 165, PHIL 166, PHIL 167, PHIL 168, PHIL 169, PHIL 170, PHIL 171, PHIL 172, PHIL 173, PHIL 174, PHIL 175, PHIL 176, PHIL 177, PHIL 178, PHIL 179, PHIL 180, PHIL 181, PHIL 182, PHIL 183, PHIL 184, PHIL 185, PHIL 186, PHIL 187, PHIL 188, PHIL 189, PHIL 190, PHIL 191, PHIL 192, PHIL 193, PHIL 194, PHIL 195, PHIL 196, PHIL 197, PHIL 198, PHIL 199, PHIL 200. R: PHIL 225, PHIL 246, PHIL 346, PHIL 308, MATH 208, MATH 308

Award Regulations

PHIL 303	Q a , Q a a a D a : T , P . S	15	S1	P: 15- a 200 , P. R: PHIL 203
PHIL 305	Pa a , r	30	S2	P: A 15- a 200 , P. Ma , a , e , C S , a , a , H , a , D - a . R: PHIL 315, PHIL 444
PHIL 308	T , B a , G : A , H . , S . , L .	15	S1	P: 15- a 200 , P . , Ma , a , e , C S , E , L . a , a , H , a , D - a . 15- a R: PHIL 225, PHIL 246, PHIL 346, PHIL 208, MATH 208, MATH 308
PHIL 30915	L(a ,)-(PHIL 30915)T 1.944 0 T (S1008, 30 (MA)42.1 , TH 208, 7 -1.677TH 208, PHIL 309 ()04.1 (9(S1) T 0 T8,)20E!			
PHIL 305				

Award Regulations

PHYS 101	E., , , . P. - e. A: M., . a., e., Wa., . E., . a., . T., . a. P. - e.	15	S1 S2	P: (1) a) PHYS 111, NCEA 14, (18), (91578), 3 P. - e., a., MATH 101 , 14 C., (18), (91578), 3 Ma., (91578), A., (91578), 2) Cal., D., A., a., AS P. - e., Ma., 3) IB: 4., HL, 6., SL, H., D., R: PHYS 113, PHYS 112 EQ: PHYS 113
PHYS 102	E., . P. - e. B: E., . a., . M., . P. - e. a., H., T., - W.,	15	SU2 S2	P: PHYS 101. T., R: PHYS 114, PHYS 115 EQ: PHYS 114
PHYS 109	T., C., - . Bt., a., E.,	15	NO	R: (1) ASTR 109. (2) S., ASTR 112, PHYS 109. EQ: ASTR 109
PHYS 111	H., . P. - e., P. - e. S., . a., E.,	15	S1	R: S., PHYS 101, PHYS 102, PHYS 113, PHYS 114, PHYS 111.
PHYS 203	R., . a., Q., . P. - e.	15	S2	P: (1) PHYS 102, (PHYS 101 a., CHEM 211); (2) MATH 102 , EMTH 118. T., a., 3 NCEA P. - e. a., Ma., R: PHYS 222 RP: MATH 103, EMTH 119.
PHYS 205	Wa., . O., a., M., a., e.	15	S1	P: (1) PHYS 102; (2) MATH 102, EMTH 118. T., a., 3 NCEA P. - e., a., Ma., t., Ca., D., R: PHYS 201, PHYS 202 RP: (1) MATH 103, EMTH 119; (2) EMTH 171, COSC 121.
PHYS 206	E., . a., . Ma., a.,	15	S2	P: (1) PHYS 102, (PHYS 101 + CHEM 211); (2) MATH 102. T., a., 3 NCEA P. - e., a., Ma., t., Ca., D., R: PHYS 202, PHYS 314 RP: MATH 103, EMTH 119.
PHYS 208	S., a T.,	15	S1	P: a., D.,
PHYS 209	S., a T.,	15	S2	P: a., D.,
PHYS 285	T., . a., P., . a S., - , P. - e.	15	S1	P: (1) PHYS 102; (2) MATH 102, EMTH 118 (3) MATH 170 , EMTH 171, COSC 121, MATH 280, MATH 282, T., a., 3 NCEA P. - e., a., Ma., t., Ca., D., R: PHYS 281, PHYS 282 RP: MATH 103, EMTH 119.

Award Regulations

Award Regulations

PSYC 213	H., ., S. a .	15	S1	P: PSYC 105 a, PSYC 106 R: PSYC 332
PSYC 333	B., . a .	30	S1	P: PSYC 206. RP: 15 . PSYC 200/300.
PSYC 334	L., a . a . B., a . A., a .	30	W	P: PSYC 206
PSYC 335	A., a .	30	W	P: PSYC 206. RP: PSYC 207, PSYC 211
PSYC 336	L., . a . O., a . a . a .	15	S1	P: PSYC 206. RP: PSYC 211, 15 . PSYC 200
PSYC 339	H., . . a . B., a . C., a .	30	S1	P: PSYC 206
PSYC 340	C., ., . a .	15	S2	P: PSYC 208
PSYC 341	E., . a .	15	S2	P: PSYC 206, OR 30-, 100-, . PLUS 15-, . a . a . a . a . H., a . D., . RP: A., BIOL 112, GEOG 106, GEOG 107, GEOG 108
PSYC 342	S., a T., .	30	W	P: PSYC 206
PSYC 343	. a ., . A., . D., .	30	NO	P: EITHER . PSYC 206 - PSYC 211: OR PSYC 105 a, PSYC 106 PLUS 15-, a . a . . H., a . D., .
PSYC 344	R., a . M., .	30	S2	P: PSYC 206
PSYC 346	J., . a . D., ., Ma.,	15	S1	P: PSYC 206, . a . .
PSYC 348				

WATR 203	F, S	15	SU1	P: A, H
WATR 301	Wa, R, Ma	15	S1	P: 45, 200

For full course information, go to www.canterbury.ac.nz/courses

Required courses
 T. a B. a
 B. a Sp. a, 360, BS.

Award Regulations

100-level
 BIOL 111 C a B, B.
 (15) or
 BIOL 112 E, E, a C, .
 (15) or
 BIOL 113 D, L, (15) and
 CHEM 114 F, C. (15) or
 BCHM 112 S, a R, C.
 a B. (15)
 STAT 101 S, .
Total 100-level points required: 75 points

200-level
 BIOL 209 H, B, a A, a --
 (15) or
 STAT 201 A, S, . (15) or
 STAT 202 R, M, . (15) and
 BIOL 231 F, M, a B.
 (15)
 BIOL 270 E, . (30)
 BIOL 271 E, . (15)
 BIOL 273 N, Z, a B, . a B, .
 . (15)
 BIOS 201 L, N, Z, a B, .
 (15)
Total 200-level points required: 105 points

300-level
 BIOL 332 G, . a E, . l, a, S, .
 . (15)
 BIOL 377 G, a C, a, a B, .
 (15) and

BIOL 215 P at. D ... a. S ... | ta. e.

FORE 218 F ... B ...

ANTA 201 A ... a a a ... G ... a C. a ...

POLS 206 P ... P ... : A ...

300 Level

BIOL 305 Preri2 (oduc)-10 (tion)TTJ / (ytico 0930 (y)id r(ta 1 Tx Bysi1_0 IOL 309 Ex8 F)8 3 Mic y:p-10

ANDLE 309 B ... (BS, ...) ... a iT B ...

Award Regulations

200-level

- BIOL 209 B. a Da. a A. a
- BIOL 253 C. B. 1 OR
- BIOL 254 P. a. D. a B.
- BIOL 213 M. a. G.
- BIOL 231 F. a. M. a B.
- BIOL 271 E.
- BIOL 215 P. a. D. a S. a OR
- BIOL 273 NZ B. a B.
- BCHM 281 P. a. B.
- P. a. a.

300-level

- BIOL 313 A. a. M. a a. l. a
- M.
- BIOL 330 A. a. C. a. G.
- BIOL 333 M. a. G. (15-)
- BIOL 334 E. a. G. (15-)
- BIOL 332 G. a. E. l. a.
- S.
- BIOL 371 E. a. E.
- P. a. a.

Plant Biotechnology

100-level

- BIOL 211 I., ... B., ...
- BIOL 212 Ma., ... B., ...
- BIOL 214 D., ... A., ... (2009)
- BIOL 215 P., ... D., ...
- BIOL 272 P., ... A., ... a B., ... a
- BIOL 273 N., ... Z., ... a a., ... B., ... t., ... a., ... B., ...
- GEOG 205 I., ... t., ... t., ... G., ... a., ... t., ... a., ...

300-level

- FORE 444 S., ... a., ... Na., ... B., ... t., ...
- P., ... t., ... La., ...
- GEOG 323 G., ... t., ... a., ... A., ... a., ... t., ... S., ... p., ... a., ... a., ...
- E., ... t., ... t., ... a., ... S., ... p., ...

E., ... t., ... a., ... S., ... p., ... *

* Not open to new enrolments in 2017.

- T., ... p., ... a., ... a., ... t., ... t., ... a., ... E., ... t., ... t., ... a., ...
- S., ... p., ... a., ... t., ... t., ... a., ... B., ... t., ... t., ... C., ... t., ...
- G., ... a., ... G., ... t., ... a., ... a., ... t., ... t., ...
- 360 t., ... t., ... t., ... t., ... t., ... Ba., ... t., ... S., ... p., ...
- O., ... t., ... 360 t., ... t., ... t., ... t., ... t., ...
- t., ... t., ... t., ... t., ... t., ... t., ... t., ...
- S., ... t., ... a., ... B., ... t., ...

A: Core knowledge and skills for all BSc students endorsed in Environmental Science

Required courses (60 points):

- K., ... t., ... t., ... t., ... t., ... t., ... BIOL 112
- E., ... t., ... t., ... a., ... C., ... t., ... t., ...
- K., ... t., ... t., ... a., ... t., ... t., ... t., ... t., ...
- t., ... t., ... GEOG 106 G., ... t., ... a., ... E., ... t., ... t., ... a., ... C., ... a., ...
- GEOG 113 E., ... t., ... t., ... a., ... G., ... t., ... a., ...
- S., ... t., ... GIS: GEOG 205 I., ... t., ... t., ... t., ... GIS
- S., ... t., ... a., ... t., ... a., ... t., ... t., ... 100
- t., ... t., ... t., ... STAT, MATH, BIOL 209 I., ... t., ...
- t., ... t., ... t., ... B., ... t., ... a., ... A., ... a., ...

Recommended courses (15 points):

- K., ... t., ... t., ... t., ... t., ... t., ... M., ... t., ...
- : SCIM 101 S., ... t., ... t., ... M., ... t., ... a., ... t., ... t., ...
- K., ... t., ... t., ...

B: Core knowledge and skills for BSc students endorsed in Environmental Science to the following majors

Biological Sciences

Required courses (45 points):

- K., ... t., ... t., ... t., ... t., ... t., ... t., ...
- C., ... t., ... t., ... t., ... t., ... 100-
- S., ... t., ... t., ... t., ... t., ... t., ... : BIOL270 E., ...

Chemistry

Required courses (45 points):

- R., ... t., ... a., ... t., ... t., ... : CHEM 281 P., ... t., ... C., ... t., ...
- R., ... t., ... t., ... t., ... t., ... t., ... : CHEM 382 I., ... t., ...
- l., ... t., ... a., ... M., ... t., ...
- E., ... t., ... t., ... a., ... t., ... t., ... : CHEM 324 A., ... t., ... a., ...
- a., ... E., ... t., ... t., ... a., ... C., ... t., ...

Geography

Required (15 points):

- S., ... t., ... t., ... t., ... t., ... t., ... : GEOG 211 E., ...
- t., ... t., ... a., ... P., ... t., ... t., ... R., ... t., ... a., ... P., ... t., ...

Recommended (15 points):

- K., ... t., ... t., ... t., ... t., ... t., ...
- C., ... t., ... t., ... t., ... t., ... 100,

Geology

Required (30 points):

- S., ... t., ... t., ... t., ... t., ... t., ... t., ... GEOG
- 240 F., ... t., ... t., ... A., ... GEOG 241 F., ... t., ... t., ... B
- K., ... t., ... t., ... t., ... t., ... t., ... t., ...
- C., ... t., ... t., ... t., ... t., ... 100,

Award Regulations

2. Structure of the Degree

Details

7. BSLP(Hons) with Honours

Tertiary Education Review, Science and Learning Panel Report: Honours (BSLP(Hons))
 Details
 The Honours programme is a two-year programme of study that provides students with an opportunity to undertake advanced study in their discipline. The programme is designed to provide students with a high level of academic achievement and to prepare them for further study or professional work. The programme is available in a range of disciplines, including Science, Engineering, and Business. The programme is a full-time programme of study that requires students to complete a minimum of 120 credits over two years. The programme is a highly competitive programme and students must meet certain entry requirements to be eligible for admission. The programme is a highly valued programme and students who complete the programme are well-prepared for further study or professional work.

and D (1, 2).

8. Full-time and Part-time Enrolment

- (a) A student may enrol in a full-time programme of study for a minimum of 120 credits per year. A student may also enrol in a part-time programme of study for a minimum of 60 credits per year. A student may also enrol in a combination of full-time and part-time study.
- (b) A student may enrol in a full-time programme of study for a minimum of 120 credits per year. A student may also enrol in a part-time programme of study for a minimum of 60 credits per year. A student may also enrol in a combination of full-time and part-time study.

Science, Engineering, Business, and Learning Panel Report: Honours

For full course information, go to www.canterbury.ac.nz/courses

Key Information

A student may enrol in a full-time programme of study for a minimum of 120 credits per year. A student may also enrol in a part-time programme of study for a minimum of 60 credits per year. A student may also enrol in a combination of full-time and part-time study.

Additional Information:

Course Code	Course Title	Pts	2017	P/C/R/PP/EQ
CMDS 113	Chemistry, Cell and Molecular Biology	15	S1	R: CMDS 111 and CMDS 112
CMDS 161	Advanced Physics and Materials	15	SU2	
CMDS 162	Nanotechnology, Surface and Colloid Chemistry	15	S2	R: CMDS 667
LING 101	Teaching Language	15	SU2 S1	R: ENGL 123, ENLA 101
PSYC 105	Biological Psychology - Behavioural and Cognitive	15	S1	R: PSYC 103, PSYC 104
PSYC 106	Biological Psychology - Sensory and Developmental	15	S2	R: PSYC 103, PSYC 104
STAT 101	Statistics 1	15	SU2 S1 S2	R: STAT 111, STAT 112 EQ: STAT 111, STAT 112

Programme of Study:

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The Programme for this Certificate

All courses are compulsory.

Course Code	Course Title	Pts	2017	P/C/R/RP/EQ
CMDS 420	Physical Science 1	15	S1	P: CMDS 222 R: CMDS 672
CMDS 451	Physical Science 2	15	S1	R: CMDS 662
CMDS 461	Chemistry 1	15	S2	P: CMDS 320, CMDS 369, CMDS 363 R: CMDS 675
CMDS 468	Physical Science 2	15	S2	P: CMDS 368 R: CMDS 676
CMDS 482	Chemistry 2	15	SU2 S1	P: CMDS 381, CMDS 382;
CMDS 484	Chemistry 3	30	SU2	P: CMDS 381, CMDS 382;

Practical Courses:

Course Code	Course Title	Pts	2017	P/C/R/RP/EQ
CMDS 490	Research Project	30	W	P: Science, Health and Society, Health, Diet and Nutrition
CMDS 491	Case Study Project	15	S1	P: CMDS 263 and Environmental Science 3 or Physical Science 1 or Health, BSLP(Health)

Certificate in Science (CertSc)

See also General Course and Examination Regulations.

The Programme for this Certificate

1. The Structure of the Programme

(a) (i)

Transfer to Bachelor of Science

5. With the approval of the Dean of Science:

- (a) A student who has completed a Certificate in Science with a minimum average of 65% and a minimum of 120 credit points, including a minimum of 60 credit points in Science, may be eligible for transfer to a Bachelor of Science program.

- (b) A student who has completed a Certificate in Science with a minimum average of 65% and a minimum of 120 credit points, including a minimum of 60 credit points in Science, may be eligible for transfer to a Bachelor of Science program.

Graduate Diploma in Science (GradDipSc)

See also General Course and Examination Regulations.

1. Subjects in Which the Diploma May be Awarded

The Graduate Diploma in Science may be awarded in the following subjects: **Applied Science, Biological Sciences, Chemistry, Earth and Environmental Science, Engineering, Food Science, Geology, Life Sciences, Materials, Physics, and Professional Studies.**

2. Qualifications Required to Enrol in the Diploma

- (a) A student who has completed a Certificate in Science with a minimum average of 65% and a minimum of 120 credit points, including a minimum of 60 credit points in Science, may be eligible for enrolment in the Graduate Diploma in Science.
- (b) A student who has completed a Certificate in Science with a minimum average of 65% and a minimum of 120 credit points, including a minimum of 60 credit points in Science, may be eligible for enrolment in the Graduate Diploma in Science.

3. Structure of the Diploma

The Graduate Diploma in Science is a two-year program consisting of 120 credit points. It is designed to provide students with a strong foundation in science and technology. The program includes a variety of subjects, including Applied Science, Biological Sciences, Chemistry, Earth and Environmental Science, Engineering, Food Science, Geology, Life Sciences, Materials, Physics, and Professional Studies.

4. Award of Diploma with Distinction

The Graduate Diploma in Science may be awarded with Distinction to students who achieve a minimum average of 75%.

5. Exemption of Prerequisites

Students who have completed a Certificate in Science with a minimum average of 65% and a minimum of 120 credit points, including a minimum of 60 credit points in Science, may be eligible for exemption of prerequisites for the Graduate Diploma in Science.

6. Part-time Enrolment

The Graduate Diploma in Science may be completed on a part-time basis.

7. Repeating of Courses

A student who fails a course may be eligible to repeat the course. A student who fails a course may be eligible to repeat the course.

Award Regulations

The Degree of Bachelor of Science With Honours (BSc(Hons))

See also General Course and Examination Regulations.

1. BSc(Hons) Programme of Study

The BSc(Hons) program is a four-year program consisting of 240 credit points. It is designed to provide students with a strong foundation in science and technology. The program includes a variety of subjects, including Applied Science, Biological Sciences, Chemistry, Earth and Environmental Science, Engineering, Food Science, Geology, Life Sciences, Materials, Physics, and Professional Studies.

The BSc(Hons) program is a four-year program consisting of 240 credit points. It is designed to provide students with a strong foundation in science and technology. The program includes a variety of subjects, including Applied Science, Biological Sciences, Chemistry, Earth and Environmental Science, Engineering, Food Science, Geology, Life Sciences, Materials, Physics, and Professional Studies.

2. Subjects in which the Degree may be Awarded

The BSc(Hons) degree may be awarded in the following subjects: **Applied Science, Biological Sciences, Chemistry, Earth and Environmental Science, Engineering, Food Science, Geology, Life Sciences, Materials, Physics, and Professional Studies.**

+ Not open to new enrolments in 2017.

Geography, Geology, Mathematics, Mathematics and
Physics, Mathematics and Physics, Mathematics and
Mathematics, Physics, Pathways, Education, Health,
Science, Zephyrus (Pathways, Research, 9,
College Honours)

3. Qualifications Required to Enrol in the Degree

Enrolment in the Tertiary Education Review (TER) - Bachelor of Science (Honours) is available to:

- (a) students who have completed a Bachelor of Science (Honours) -

- (1) 60-, 300-, BIOL, a;
- (2) BIOL 309, GEOG 309, PSYC 206, STAT 201, STAT 202.

Biotechnology*

C., a., 120-, BIOL 411, BIOL 412 a, BIOL 496 a, (BIOT 480). A., 30-, BIOL 429, BIOL 455-456, a, BIOL 459-461. T., a., a., B., a S., F., Y, a C., P.

- (1) BIOL 252, BIOL 254; a;
- (2) BIOL 352; a;
- (3) A., 30-, BIOL 313, BIOL 330, BIOL 331, BIOL 333, BIOL 335.

N., a, BIOL 309, BIOL 333 a, BIOL 335 a, 15-

Cellular and Molecular Biology*

C., a., 120-, BIOL 411 a, BIOL 412 a, (CEMB 480). A., 30-, BIOL 455 456 (BCHM 455 456), BIOL 459-462 (BCHM 459 462) a, BIOL 496. T., a, a, a, B., a S., F., Y, a C., P.

- P: A., 60-, BCHM 301, BIOL 313, BIOL 330, BIOL 331, BIOL 333, BIOL 334, BIOL 335, BIOL 351, BIOL 352.

Note: students will normally be expected to take BIOL 309.

Chemistry

CHEM 480 a, a, CHEM 421 424.

Note: With the approval of the Head of Department, one of the courses CHEM 421–424 may be replaced by Honours 400-level courses from another subject with a total EFTS of at least the same value.

- P.
- (1) CHEM 211, CHEM 212, BCHM 212, a, 45-, CHEM 241 243, BCHM 206; 60-, CHEM 211 223 a, CHEM 271 273, BCHM 205 a, BCHM 206; a;
- (2) 30-, CHEM 281 282, BCHM 281, a, CHEM 381 382; a;
- (3) a., 60-, CHEM 321 373; a;
- (4) a., CHEM 381 a, CHEM 382.

P. RP: A., 30-, Ma., a, S., ENGR 101.

Computational and Applied Mathematical Sciences

CAMS 449 a, MATH 401 490 a, STAT 401 490 (MATH 449, STAT 449). W., a, a, P., a, C., a, a, a, a, a, a, a, P. M., a, BS(H), Ma., a, S., a, HOS a, a, a, a.

Computer Science*

COSC 461, COSC 469 a, a, 90-, (0.75 EFTS), H., D., a, COSC 401-439, 462 474 a, a SENG 400-, SENG 402. N., a, a, a, a, a, a, P.

- (1) a., 60-, 200-, COSC (ENCE 260); a;
- (2) a., 30-, MATH a, STAT (187 18 40a), SH226373; a;
- (3) (6 (OSC)-10) 3 40(1-439,3 4)8 (2)6 (73),336CHM 20, 360



- (1) ECON 206, ECON 325; a,
 - (2) ECON 213, STAT 202, STAT 213; a,
 - (3) ECON 203, (ECON 207 a, ECON 208); a,
 - (4) 60-, 300-, ECON 321, ECON 324, ECON 326
(, a, a, a, H, a,
D.-a.).
- A., a., at., a a-t., t.
a G a, D. a E., a G a,
D. a S., a E., ECON 321,
ECON 324 a, ECON 326.

Environmental Science

ENVR 410, ENVR 411, a, ENVR 480, a,
t. a a, a, 0.75,
E., a S., a,
F., (FORE), G., a, (GEOG), G., a
S., (GEOL a, ENGE), a, B., a S.,
(BIOL), a, a,
t., C., a, a, a, A., a,
S., (ANTA), B., (BCHM), C.,
(CHEM), C., a a, P., E., (ENCH),
C. E., (ENCI), a, Ma., a a,
S. a, (MATH a, STAT). T.,
a, a, a, a, a, a,
C.-a.

Note that normally all individual course prerequisites must be satisfied.

P: S., a,
200 a, 300-, a,
F., G., a, G., a S.,
B., a S., a,
a, a 90
a 300-, a, a,
a, a E., a S.,
400-.

Evolutionary Biology+

+ Not open to new enrolments in 2017.

C., a, a, 120,
BIOL 411 a, BIOL 412 a, a, (EVOL 480), a,
a, 30-, a, BIOL 423,
BIOL 429, BIOL 438, BIOL 456, BIOL 459 a, BIOL
460. A., a,
a, a S., B., a S., F.,
Y, a C., a,
P.

- (1) BIOL 271; a,
- (2) 60-, BIOL 330, BIOL 332, BIOL 334,
BIOL 335, BIOL 371, BIOL 373; a,
- (3) BIOL 309, a, a, a-

Finance and Mathematics

E., :
(a) FINC 680, a, a,
600-, FINC, 400-, MATH,
a, a, FINC a, a,
MATH:
(-) MATH 449, a, a,
600-, FINC, 400-, MATH,
a, a, FINC a, a, a,
MATH.

P:
(1) Ca., a, a, a, a,
BS, Ma., a a,
a, FINC 201, FINC 203, FINC 205 a, FINC
331; a, a, 30 a, a,
300-, FINC,
(2) Ca., a, a, a, a,
a, a, BC, BS, F, a,
a, a, 45-, MATH 201,
MATH 202, MATH 203, MATH 270; a, a, a,
45 a, a, MATH 301 394.

Finance and Statistics

E., :
(a) FINC 680, a, a, a,
600-, FINC, 400-, STAT, a,
a, a, FINC a, a, a,
STAT;
(-) STAT 449, a, a, a,
600-, FINC, 400-, STAT, a,
a, a, FINC a, a, a,
STAT.

P:
(1) Ca., a, a, a, a,
BS, S. a, a,
a, FINC 201, FINC 203, FINC 205, a, FINC
331; a, a, 30 a, a,
300-, FINC,
(2) Ca., a, a, a, a,
BC, BS, F, a,
a, a, 45-, STAT 201 294;
a, a, 45 a, a, STAT
301 394.

Financial Engineering

STAT 470 a, a, FINC 621, FINC
629, a, H., a,
CAMS 449, FINC 680, STAT 449. W., a, a

Award Regulations

COSC 401, ECON 615, ECON 641, ECON 642, ECON 643/FINC 643, FINC 610, FINC 613, FINC 616, FINC 621, FINC 622, FINC 623, FINC 624, FINC 628, FINC 629, MATH 407, MATH 408, MATH 412, STAT 445 a, STAT 460. O. STAT 456/ECON 614. STAT 317/ECON 323

P.

- (1) At. A. BS. F. a. a E. ; a.
- (2) A. 90. a. 300. S. B. BS. F. a. a E.

Geography

A R. a. P. (GEOG 420) a. a. 1.0 EFTS. GEOG 401 419 a. GISC 403 413, H. a. D. a. NINC 624va6l C 624vantses spewithes13,-161ed witFinanel f-1651



Award Regulations

4. Duration of the Programme

A programme of 120 credits, normally completed over 24 months full-time. A minimum of 5 credits must be completed in the first year.

(A minimum of 5 credits must be completed in the first year.)

5. Requirements for the Programme

(a) Candidates must complete the programme in the period of 24 months full-time. A minimum of 5 credits must be completed in the first year.

(b) A candidate who has completed the programme in the period of 24 months full-time and who has achieved a minimum of 5 credits in the first year is eligible for a Bachelor of Science (Hons) in Applied Mathematics.

Note: Entry into Year 1 of the Master of Audiology is limited. Candidates must submit an enrolment application and a separate application form to the Head of the Department of Communication Disorders by 1st October. Late applications will be considered subject to the availability of places in the programme. Selection is based on academic merit, a statement of interest and an interview with Departmental Representatives.

2. Full-time and Part-time Study

Applicants are advised to apply for a full-time or part-time enrolment. A full-time enrolment is available for students who wish to complete the MA in 2 years. A part-time enrolment is available for students who wish to complete the MA in 3 years. The fee for a full-time enrolment is 2.00 EFTS.

3. Structure of the Degree

Applicants to the MA are advised to apply for a full-time or part-time enrolment. The structure of the degree is as follows:

- (a) Year 1 (CMDS 651, CMDS 652, CMDS 653, CMDS 655, CMDS 656, CMDS 657), 1 year
- (b) Year 2 (CMDS 654, CMDS 658), 1 year
- (c) Year 3 (CMDS 690), 1 year

4. Repeating of Courses

Applicants are advised to apply for a full-time or part-time enrolment. The structure of the degree is as follows:

- (a) Year 1 (CMDS 651, CMDS 652, CMDS 653, CMDS 655, CMDS 656, CMDS 657), 1 year
- (b) Year 2 (CMDS 654, CMDS 658), 1 year
- (c) Year 3 (CMDS 690), 1 year

5. Supervision of Theses

(a) Applicants are advised to apply for a full-time or part-time enrolment.

Applicants are advised to apply for a full-time or part-time enrolment. The structure of the degree is as follows:

- (a) Year 1 (CMDS 651, CMDS 652, CMDS 653, CMDS 655, CMDS 656, CMDS 657), 1 year
- (b) Year 2 (CMDS 654, CMDS 658), 1 year
- (c) Year 3 (CMDS 690), 1 year

6. Examination of Theses

(a) Applicants are advised to apply for a full-time or part-time enrolment.

- (i) Year 1 (CMDS 651, CMDS 652, CMDS 653, CMDS 655, CMDS 656, CMDS 657), 1 year
- (ii) Year 2 (CMDS 654, CMDS 658), 1 year
- (iii) Year 3 (CMDS 690), 1 year

7. MAud with Distinction

Applicants are advised to apply for a full-time or part-time enrolment. The structure of the degree is as follows:

- (a) Year 1 (CMDS 651, CMDS 652, CMDS 653, CMDS 655, CMDS 656, CMDS 657), 1 year
- (b) Year 2 (CMDS 654, CMDS 658), 1 year
- (c) Year 3 (CMDS 690), 1 year

Note: The award of Distinction normally requires a grade point average of 7.00 or greater.

Award Regulations

Science, Research, Design, and Assessment

For full course information, go to www.canterbury.ac.nz/courses

Year 1



The Degree of Master of Financial Engineering (MFEng)*

* Subject to Universities New Zealand CUAP approval, due December 2016.

See also General Course and Examination Regulations.

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a a a .S. ... A. ... E. ...

3. Structure of the Degree

T. ... a l l ... M.A., GIS

GIS Courses

For full course information, go to www.canterbury.ac.nz/courses

Part 1

- (a) GISC 401 Fundamentals of GIS (0.125 EFTS)
- (b) GISC 402 GIS Applications (0.125 EFTS)
- (c) GISC 403 Cartography (0.125 EFTS)
- (d) GISC 404 GIS and the Environment (0.125 EFTS)

Group A

- (a) GISC 405 GIS Professional Practice (0.125 EFTS)
- (b) GISC 406 Remote Sensing and Earth Observation (0.125 EFTS)

Group B

- (a) GISC 410 GIS 2.0 (0.125 EFTS) (Geographic Information Systems)

- (c) GISC 411 GIS History (0.125 EFTS)
- (d) GISC 412 Spatial Analysis and Planning (0.125 EFTS)
- (e) GISC 413 Spatial Data Analysis (0.125 EFTS)
- (f) GISC 415 GIS Applications (0.125 EFTS)
- (g) GISC 416 Spatial Modelling (0.125 EFTS)

- (h) GISC 417 GIS and the Environment (0.125 EFTS)

3. Structure of the Degree

The award of the Degree of Master of Science (MSc) is granted to students who have completed the following requirements:

(a) Completion of six (6) semesters of study, including the following:

- (*) 0.5 EFTS; and
- (*) (HAZM 691).

4. Full-time and Part-time Enrolment

A student may enroll on a full-time or part-time basis. The full-time programme is completed within six (6) semesters, and the part-time programme is completed within twelve (12) semesters. The student must complete the programme within the specified duration.

5. Duration of the Programme

The full-time programme is completed within six (6) semesters, and the part-time programme is completed within twelve (12) semesters. The student must complete the programme within the specified duration.

(a) The student must complete the programme within the specified duration.

6. Requirements for Courses

(a) The student must complete the following courses:

- HAZM 401, HAZM 403, HAZM 408 (including GIS) and 0.125 EFTS; and
- HAZM 410; and
- 0.5 EFTS; and
- 0.5 EFTS (HAZM 691).

(*) Completion of the following courses:

- MS, Ha a a a D, Ma, a |

(*) Completion of the following courses:

- MS, Ha a a a D, Ma, a |

(*) Completion of the following courses:

- MS, Ha a a a D, Ma, a |

Note: Practical and fieldwork may be required as part of any course.

7. Award of Master with Distinction or Merit

The award of Distinction or Merit is granted to students who achieve a grade point average of 7.0 or greater, or 6.0-6.9, respectively.

Note: The award of Distinction indicates a grade point average of 7.0 or greater; the award of Merit indicates a grade point average of 6.0-6.9.

8. Requirements for the Dissertation (HAZM 691, 0.5 EFTS)

The student must complete the dissertation (HAZM 691, 0.5 EFTS) as part of the programme requirements. The dissertation must be submitted by the deadline and must meet the quality standards set by the university.

9. Transfer from MSc in Hazard and Disaster Management

A student who has completed the requirements for the MSc in Hazard and Disaster Management may be eligible to transfer to the MSc in another discipline, subject to approval by the university.

The Degree of Master of Science (MSc)

See also h9 examination iminatoast f-oPart L, s Tw 9 o 0 9 212.5984 238.2161 Tm(9)-18 (. 9 examination/23minat0a1 o Td(T)45 (r)14 (ansf) wardedio.

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13. Examination of Theses

(a) W... a... a... a... a...
 a... a... a... a... G... a C...
 a... E al... ta... R... ta... Pa. L.

(b) A... a... a... a... a... a...
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(c) T... a... a... a... a... a...
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Forward Regulations

17. Transfer from MSc to PhD

W. a. a. D. a. P. a. t. a. S. a. a. H. a. D. a. / S. a. a. MSc Pa. II. a. 6. P. a. a. MS Pa. I. a. Pa. II. a. Ca. a. P. D. R. a. 3(). A. a. P. D. a. Pa. I. a. PGD -S. PGD -E. G. a. a. a.

18. Transfer from MSc to PGDipSc

A. a. MS Pa. II. a. a. t. a. D. a. S. a. PGD -S.

19. Award of PGDipSc or PGDipEngGeol Instead of Credit Towards MSc

A. a. Pa. I. t. D. M. S. R. a. 7(a). a. Pa. I. a. a. PGD -S. D. M. S.

S. A. R. t. D. M. S.

For full course information, go to www.canterbury.ac.nz/courses

* Subject to Universities New Zealand CUAP approval, due December 2016.

Antarctic Studies*

T. A. S. al MS Pa. II. a. a. 120.

Applied Psychology*

Pa. I. a. 120 (1.00 EFTS). APSY 601-619 a. PSYC 451, 460, 464, 473, a. PSYC 460. W. a. H. a. D. a. PSYC 400. Note: Not all courses may be offered in any one year.

Pa. II. APSY 660 D. a. (90) a. a. 30. Pa. I. P.

Award Regulations

T, D, M, S, (MS)

P: P a . I

(1) A B a a l a

(2) A B a a G a

(3) PSYC 206 R D S

S a a a

B a 300 a

P a . II: C P a . I

Computational and Applied Mathematical Sciences

P a . I: E a

MATH 401 490 a STAT 401 490

MATH 449 STAT 449) . W a

P C a a

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P a . II: A (CAMS 690).

T P a . I a II

P: M a

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Computer Science*

P a . I COSC 469 a

. COSC 401 439, 462 474, a

SENG 400

SENG 402.

F, P a . II, a (COSC 690)

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Award Regulations

300- ... Ha a D, Ma a ...

Hazard and Disaster Management+

+ Not open to new enrolments. Please refer to Disaster, Risk and Resilience.

T, Ha a D, Ma a ... MS (MSPH 690)

Mathematics

Pa. I: E. ... MATH 401-490 a, STAT 401-490 ... MATH 449, STAT 449. ... MATH 443 ... MATH 343 ...

Pa. II: A. ... (MATH 690).

T, ... Pa. I a, IL a ... 1:2. P: Pa. I:

- (1) 45 ... MATH 201, MATH 202, MATH 203, MATH 220 a, MATH 240, MATH 201 a, (MATH 202, MATH 203); a. (2) 60 ... MATH 301-394; a. (3) A, a ... a 30 ... MATH 301-394 a, STAT 301-394 ...

Medical Physics

Pa. I: S. ... MDPH 401-410 a, ... PHYS 410-460. W. ... Ha a D, ... Pa. II: A. ... (MDPH 690) ... Pa. II. P: 90 ... 300- ...

Pa. II: A. ... (MDPH 690) ... Pa. II. P: 90 ... 300- ...

Medical Physics (Clinical)

O. ... a M, ... a P. ... a A. ... a C. ... a E. ... a M. ...

Pa. I: S. ... MDPH 401-410 a, ... PHYS 410-460; ... Pa. II: A. ... (MATH 690).

a, ... a, H, a, D, a, ... P, ... a, ...

Pa. II: A. ... (MDPH 690) ... Pa. II.

P: 90 ... 300- ... H, a, ...

Microbiology*

Pa. I: C. ... a, ... 120 ... BIOL 411, BIOL 412, BIOL 455 (BCHM 455) a, BIOL 456 (BCHM 456). ... BIOL 457 (BCHM 457), BIOL 459 (BCHM 459), BIOL 460 (BCHM 460), BIOL 463 a, BIOL 496. ...

Pa. II: A. ... (MBIO 690). ... MS. ... Pa. I a, Pa. II a, ... 2:3. P.

- (1) BIOL 313; a. (2) a, ... 45 ... BCHM 301, BIOL 330, BIOL 331, BIOL 333, BIOL 335, BIOL 351, BIOL 352.

Note: Students will normally be expected to take BIOL 309.

Philosophy*

Pa. I: 120 ... PHIL 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 463, 464, 467, 468, 469, 470, 471, 472, 474, 475, 495, 498 (a, P, ... BA(H...)).

Pa. II: a. ... (PHIL 695). ... Pa. I a, Pa. II a, ... P: 60 ... 300- ...

Physics

Pa. I: PHYS 407, PHYS 480 a, ... PHYS 411, 460, ASTR 421-425, MDPH 403, MDPH 406. ... PHYS 440-460. ... Note: the choice of courses is subject to the approval of the Head of Department of Physics and Astronomy.

Pa. II: A. ... (PHYS 690) ... Pa. II.

Specialist, Bachelor, Research, Diploma, Masters, Specialist

For full course information, go to www.canterbury.ac.nz/courses

MSc Part II Thesis, Literature, Writing

The following time limits and weightings apply to all students who enrol in MSc Part II Thesis from 1 November 2013.

Structure of the Degree of Professional Master of Engineering Geology (PMEG)

Part I

- (a) WATR 401 *Mathematics for Engineers* (15 credits/0.125 EFTS)
- (b) WATR 402 *Differential Equations* (15 credits/0.125 EFTS)
- (c) WATR 403 *Wave Mechanics* (15 credits/0.125 EFTS)

Note: At Lincoln University the course codes are WATR 601, WATR 602 and WATR 603 respectively, and the courses are worth 20 points/0.167 EFTS.

- (d) WATR 404 *Wave Mechanics* (15 credits/0.125 EFTS)
- (e) GEOG 404 *Rock Mechanics* (15 credits/0.125 EFTS)
- (f) ENVR 410 *Computer Programming* (15 credits/0.125 EFTS)
- (g) ENVR 411 *Case Studies* (15 credits/0.125 EFTS)
- (h) MAST 603 (LU) *Mathematical Methods*

- (i) ERST 630 (LU) *Engineering Statistics* (16.7 EFTS)
 - (j) LWST 602 (LU) *Advanced Rock Mechanics* (16.7 EFTS)
 - (k) ERST 633 (LU) *Engineering Electromagnetics* (16.7 EFTS)
 - (l) ECON 606 (LU) *Natural Resource Economics* (16.7 EFTS)
 - (m) ERST 621 (LU) *Professional Engineering Practice* (20 credits)
 - (n) ERST 632 (LU) *Engineering Ethics* (20 credits)
- A student must complete a 400-level course in each of the following areas: *Mathematics*, *Physics*, *Engineering*, *Statistics*, *Geology*, *Environmental Science*, *Professional Practice*, *Engineering Ethics*, and *Engineering Electromagnetics*.

Part II

- WATR 690 *Wave Mechanics* (120 credits/1.000 EFTS)

The Degree of Professional Master of Engineering Geology (PMEG)

See also General Course and Examination Regulations.

1. Qualifications Required to Enrol in the Degree

- (a) *Engineering Geology (PMEG)*
 - (i) *Relevance of undergraduate studies to Engineering Geology and standard of achievement are the main criteria for approval. University of Canterbury students entering under Regulation 1(a)(i) will normally be required to have passed GEOL 351 and GEOL 352.*
 - (ii) *Relevance of undergraduate studies to Engineering Geology and standard of achievement are the main criteria for approval. University of Canterbury students entering under Regulation 1(a)(ii) will normally be required to have passed GEOL 351 and GEOL 352.*
 - (iii) *Relevance of undergraduate studies to Engineering Geology and standard of achievement are the main criteria for approval. University of Canterbury students entering under Regulation 1(a)(iii) will normally be required to have passed GEOL 351 and GEOL 352.*

- (b) *15 credits in MATH 100- and 15 credits in STAT 100- (Note: This requirement may be waived by the Head of Department if the student can demonstrate an existing suitably high level of ability in Mathematics and/or Statistics).*

Notes:

1. *Relevance of undergraduate studies to Engineering Geology and standard of achievement are the main criteria for approval. University of Canterbury students entering under Regulation 1(a)(i) will normally be required to have passed GEOL 351 and GEOL 352.*

Award Regulations

1. Qualifications Required to Enrol in the Diploma

- E.g. Bachelor of Science, Psychology Diploma, Certificate in Psychology
- (a) Successful completion of PSYC335 (Advanced Psychology) or equivalent 400/600-level course
- (-) Successful completion of Higher Diploma in Psychology or Certificate in Psychology (S, N, 1 & 2); or
- (b) a relevant area of study, BA(Hon), MA, A (Part 1), BS(Hon), MA, S (Part 1) or equivalent

2. Concurrent Enrolment in an MA or MSC

- (a) Concurrent enrolment in a Diploma in Psychology, MA, S (Part 1) or MA, A (Part 2) or MA, S (Part 2) or Diploma in Psychology
- (-) Concurrent enrolment in a Part 2 MA, A (Part 2) or MA, S (Part 2) or Diploma in Psychology, MA, MS, or equivalent
- (b) Concurrent enrolment in a Higher Diploma in Psychology, S, or a Part 2 MA, A (Part 2) or MA, S (Part 2)

(Note: This includes transfer to the PhD under 3(d) of the PhD Regulations.)

3. Concurrent enrolment in a PhD

- Concurrent enrolment in a Diploma in Psychology or a Part 2 MA, A (Part 2) or MA, S (Part 2)
- (a) Concurrent enrolment in a Diploma in Psychology, S, or a Part 2 MA, A (Part 2) or MA, S (Part 2)

- P, D, a
- (-) Concurrent enrolment in a Diploma in Psychology, S, or a Part 2 MA, A (Part 2) or MA, S (Part 2)
- (b) PSYC 670 (Research Methods in Psychology) or P, D (Psychology Diploma) or P, A (Part 1) or N, 3 (National Certificate)

4. Programme of Study

- (a) Bachelor of Science in Psychology, Diploma in Psychology, S, or PSYC 670 (Research Methods in Psychology) or Certificate in Psychology, PSYC 670 (Research Methods in Psychology)
- (-) Bachelor of Science in Psychology, PSYC 670 (Research Methods in Psychology) or Diploma in Psychology, Certificate in Psychology
- (b) Bachelor of Science in Psychology, MA, A (Part 2) or MA, S (Part 2) or Diploma in Psychology, MA, A (Part 2) or MA, S (Part 2) or Diploma in Psychology, MA, MS, or equivalent

5. Repeating of Courses

A student may repeat a course up to two times (including the first attempt). Repeat (R) or Withdraw (W) are recorded on the transcript. A student may repeat a course up to two times (including the first attempt) if the student has not completed the course with a grade of C or better. A student may repeat a course up to two times (including the first attempt) if the student has not completed the course with a grade of C or better.

6. Examination for the Diploma

- (a) Concurrent enrolment in a Diploma in Psychology, S, or a Part 2 MA, A (Part 2) or MA, S (Part 2)
- (-) Concurrent enrolment in a Diploma in Psychology, S, or a Part 2 MA, A (Part 2) or MA, S (Part 2)

Award Regulations

... PSYC 670, ...

7. Award of the Diploma with Distinction

... Distinction ...

Note: Distinction indicates a grade point average of A- or better in those courses in the Schedule which are awarded with grades, plus an exceptional level of performance in the graduating examination.

Notes to the Regulations

1. Candidates must also consult the Clinical Psychology Handbook for admission criteria and information on planning courses. The Director of Clinical Training and the Head of Department will determine whether the candidate has completed an appropriate set of 300 and 400-level courses (which if taken at the University of Canterbury would be part of BSc(Hons), BA(Hons), Part I MSc, or Part 1 MA in Psychology.) The Handbook also provides information on recommended courses of study at both the undergraduate and the 400-level

2. Application for admission must be made by 30 September in the previous year.
3. As provided for in Regulation 3 above, concurrent enrolment in PhD and the internship will only be approved if it is expected that the candidate will complete the PhD by the end of the internship training. If approval is not given then a candidate must demonstrate satisfactory progress on the PhD before concurrent enrolment in the internship is approved.
4. Candidates who have
 - (a) been credited with PSYC 670, or PSYC 671 and PSYC 672, and PSYC 428 Forensic Psychology, and

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... D. ... :GIS ...
... B. ... a ... a ...
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... a ... a ... a ...
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8. Transfer from PGDipGIS to MGIS

... P. ... a ... D. ... a ...
... G. ... a ... S. ... a ...
... P. ... M. ... G. ...
... S. ... a ... a ...

(a) ... a ... a ... a ...
... M. ... G. ... a ... S. ...
... a ... a ... D. ... a ...
(*) ... M. ... G. ... a ...
... S. ... a ... M. ...
... R. ... 1(a) .

S. ... R. ... P. ... a ... D. ... a ...
G. ... a ... S. ...

For full course information, go to www.canterbury.ac.nz/courses

Compulsory courses

- A. ...
- (a) GISC 401 F. ... G. ... a ... (0.125 EFTS)
- (*) GISC 402 G. ... a ... S. ... R. ... a ... (0.125 EFTS)
- (b) GISC 403 C. ... a ... G. ... a ... (0.125 EFTS)
- (*) GISC 404 G. ... a ... A. ... (0.125 EFTS)

- (a) GISC 410 GIS 2.0 (0.125 EFTS) (G. ... V. ... a ... U. ... W. ...)
- (*) GISC 411 GIS. H. ... (0.125 EFTS)
- (b) GISC 412 S. ... a ... A. ... a ... P. ... a ... (0.125 EFTS)
- (*) GISC 413 S. ... a ... T. ... G. ... a ... D. ... a ... A. ... (0.125 EFTS)
- (*) GISC 415 G. ... a ... S. ... (GIS) ... (0.125 EFTS)
- (*) GISC 416 S. ... a ... T. ... (0.125 EFTS)

Group A

- A. ...
- (a) GISC 405 GIS P. ... a ... D. ... a ... (0.125 EFTS)
- (*) GISC 406 R. ... S. ... a ... E. ... O. ... a ... (0.125 EFTS)

A. ... 400- ... 0.25 EFTS) ... a ...
... a ... a ... D. ... :GIS.
A. ... a ... 1.0 ETS | ...

Group B

A. ...

Award Regulations

Postgraduate Diploma in Science (PGDipSc)

See also General Course and Examination Regulations.

1. Subjects in Which the Diploma May be Awarded

T. ... P. ... a ... D. ... a ... S. ...
a :A. ... | B. ... | B. ... a ... S. ...
B. ... C. ... a ... M. ... a ... B. ...
C. ... C. ... a ... F. ... | C. ...
S. ... E. ... a ... S. ...
E. ... a ... B. ... + F. ... G. ... G. ...
M. ... | M. ... a ... P. ... M. ...
P. ... P. ... P. ... B. ... + P. ...
S. ... Z. ... +

+ Not open to new enrolments in 2017.

2. Qualifications Required to Enrol in the Diploma

- (a) E. ... a ... P. ... a ... D. ... a ...
S. ... a ... D. ... a ...
... D. ... B. ... S. ...
... a ... a ... a ...
... a ... a ... a ...
... D. ... B. ... S. ... a ...
... D. ... P. ... a ...
S. ...
... a ... a ... a ...
... P. ... a ... D. ... a ...
S. ...

Mathematics

E: MATH 401 490 a, STAT 401 490 a, MATH 449, STAT 449).
 N: MATH 443 t, a, MATH 343, N: a, MATH

- (1) 45 MATH 201, MATH 202, MATH 203, MATH 220 a, MATH 240, MATH 201 a, (MATH 202 MATH 203); a
- (2) 60 MATH 301 394; a
- (3) A a 30 MATH 301 394 a, STAT 301 394, a

Medical Physics

S: MDPH 401 410 a, PHYS 410 460. W: a, H, D. Note: The choice of courses is subject to the approval of the Head of Department of Physics and Astronomy.

P: 90 a 300- H, D.

Microbiology*

C: BIOL 411, BIOL 412, BIOL 455 (BCHM 455) a, BIOL 456 (BCHM 456). A 30 a, BIOL 457 (BCHM 457), BIOL 459 (BCHM 459), BIOL 460 (BCHM 460), BIOL 463 a, BIOL 496.
 A: B, F, Y a C.

- (1) BIOL 313; a
- (2) A 45 BCHM 301, BIOL 330, BIOL 331, BIOL 333, BIOL 335, BIOL 351, BIOL 352.

Note: Students will normally be expected to take BIOL 309.

Philosophy*

120 PHIL 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 463, 464, 467, 468, 469, 470, 471, 472, 474 495, 498.

P: 60 a 300- a

Physics

E: PHYS 407, PHYS 480 a, PHYS 411 460, ASTR 421 425, MDPH 403,

MDPH 406, a a t, PHYS 440 460.

O: E: PHYS 401 460, ASTR 421 425, MDPH 403, MDPH 406, a a t, PHYS 440 460.

N: a a, W: a, a, H, D. Note: The choice of courses is subject to the approval of the Head of Department of Physics and Astronomy.

Note: The choice of courses is subject to the approval of the Head of Department of Physics and Astronomy.

P: 60 a 300- PHYS, a, H, D.

Plant Biology+

+ Not open to new enrolments in 2017.

C: BIOL 120 a, BIOL 411 a, BIOL 412, R: a, S: a, F: a, Y a C.

6. Repeating of Courses

- (a) Repeating of courses is allowed for students who have failed a course in the PGD-Wa, RM. The student must repeat the course within the same semester. The student must also repeat the course in the same semester as the original course. The student must also repeat the course in the same semester as the original course.
- (*) A student who has failed a course in the PGD-Wa, RM must repeat the course within the same semester. The student must also repeat the course in the same semester as the original course. The student must also repeat the course in the same semester as the original course.

7. Transfer from Postgraduate Diploma in Water Resource Management to Master of Water Resource Management

- Students who have completed the PGD-Wa, RM may apply for transfer to the Master of Water Resource Management. The student must have completed at least 12 credit hours in the PGD-Wa, RM. The student must also have a minimum GPA of 2.0. The student must also have completed the prerequisite courses for the Master of Water Resource Management. The student must also have completed the prerequisite courses for the Master of Water Resource Management.
- (a) Students who have completed the PGD-Wa, RM may apply for transfer to the Master of Water Resource Management. The student must have completed at least 12 credit hours in the PGD-Wa, RM. The student must also have a minimum GPA of 2.0. The student must also have completed the prerequisite courses for the Master of Water Resource Management. The student must also have completed the prerequisite courses for the Master of Water Resource Management.
- (*) Students who have completed the PGD-Wa, RM may apply for transfer to the Master of Water Resource Management. The student must have completed at least 12 credit hours in the PGD-Wa, RM. The student must also have a minimum GPA of 2.0. The student must also have completed the prerequisite courses for the Master of Water Resource Management. The student must also have completed the prerequisite courses for the Master of Water Resource Management.

Students who have completed the PGD-Wa, RM may apply for transfer to the Master of Water Resource Management.

- (a) WATR 401 A student who has completed the PGD-Wa, RM may apply for transfer to the Master of Water Resource Management. The student must have completed at least 12 credit hours in the PGD-Wa, RM. The student must also have a minimum GPA of 2.0. The student must also have completed the prerequisite courses for the Master of Water Resource Management. The student must also have completed the prerequisite courses for the Master of Water Resource Management.

Award Regulations