



## 8. Progression

T a a a G a R a U

- (a) A a 30 BS, (H ) a a a a  
A Ma a, P a a E D a S a a a
- (b) A a a 30 a a

## 9. Honours, Distinction and Merit

T a a a G a R a U a a a

## 10. Exit and Upgrade Pathways to other Qualifications

- (a) A a BS, (H ) a a a a  
A Ma a, P a a E D a S a a Ma  
S a a a
- (b) A a a BS, (H ) U Ca a a  
A Ma a, P a a E D a S a a Ma S a  
a BS, (H ) a a G a R a U
- (c) A BS, (H ) a a a a a a  
a D a S a a A Ma a, P a a E  
D a S a a a D a a

Sc S: S b C C D Bac Sc c  
H

F a a a a /

G 1: S Ma

## M tai K k rangi | Astronomy

ASTR480 ( SCIE481 a SCIE482), ASTR422, ASTR423 ASTR425 ASTR426, PHYS415, a  
PHYS411 460, MDPH403, MDPH406, a a PHYS440 460.

N a a a

P:

- (1) 90 300- ASTR PHYS, PHYS310, PHYS311 PHYS313; a  
(2) 30 300- MATH

## M tai Mat Koirora | Biochemistry

BCHM480 ( SCIE481 a SCIE482), a 90 BCHM455 (BIOL455),

BCHM456 (BIOL456), BCHM457 (BIOL457), BCHM459, BCHM460 (BIOL460), BCHM461 (BIOL461), BCHM462  
(BIOL462), BCHM420, a CHEM430 433 a Ka , M a Ma K a D

B : BCHM407 409, BIOL429 462, BIOL481, BIOL496.

P:

- (1) BCHM305, BCHM306, BCHM338, BCHM339 a BCHM381; a  
(2) a 15 CHEM335, 337, 340, BIOL313, 330, 351 352.

## M tai P taiao Koirora | Biological Sciences

C a a a 120 BIOL411 a BIOL412 a a (BIOL480 SCIE481 a  
SCIE482). A a 45 a BIOL 400- T a  
a T K a P a a K a S B a S Ka Ta  
T a F Y a C a

P:

- (1) 60 300- BIOL ; a  
(2) BIOL309 GEOG309 PSYC344 15 300- STAT.

### Biotechnology

C a a a 120 BIOL411, BIOL412, BIOL496 a a (BIOT480 SCIE481 a SCIE482). A a 30 BIOL429, BIOL455 457 (BCHM455 457), BIOL459 462 (BCHM459 462), a BIOL463. T a a a a T K a P a a K a S, B a S, Ka, Ta T a F, Y a C a.

P: A a 60 BCHM301, BCHM305; BCHM306; BIOL309, BIOL313, BIOL333, BIOL334, BIOL335, BIOL351, BIOL352 a a a, a a a, a a a.

RP: BIOL309

### Cellular and Molecular Biology

C a a a 120 BIOL411 a, BIOL412 a a (CEMB480 SCIE481 a, SCIE482). A a 45 a BIOL455 456 (BCHM455 456), BIOL459 462 (BCHM459 462) a, BIOL496. T a a a a a T K a P a a K a S, B a S, Ka, Ta T a F, Y a C a.

P: A a 60 BCHM301, BCHM305, BCHM306, BIOL309, BIOL313, BIOL330, BIOL333, BIOL334, BIOL335, BIOL351, BIOL352.

RP: BIOL309

### M tai Mat | Chemistry

CHEM480 ( SCIE481 a, SCIE482), CHEM430 a, CHEM431, a CHEM432 CHEM437.

P: CHEM211, CHEM212 BCHM212, a 30 CHEM251, (CHEM242 BCHM206); a CHEM281 BCHM281; a a a 60 CHEM321 343, BCHM338 a, BCHM339; a a a CHEM381 a, CHEM382.

RP: A a 30, Ma a , S a ENGR101.

### Computational and Applied Mathematical Sciences

CAMS449 ( SCIE481 a, SCIE482), a 90 MATH401 490 a, STAT401 490 ( a MATH449 STAT449). W a a Ka, H a, a P a a, C a, a a a a a a a 30 a a a a a.

P: M a a BS, (H ), Ma a, S a a, a.

### Computer Science

COSC470 ( SCIE481 a, SCIE482), COSC469 a, 75 COSC401 449, COSC462 468, COSC471 474, COSC477 479, SENG401, SENG403 499, DATA430 439. U 15 75 a a a a a a a a, N a a a a a.

P:

- (1) 90 COSC301 399, SENG301 399, ENCE360 361, DATA301; a
- (2) a a 5.0 GPA a a COSC301 399, SENG301 399, ENCE360 361, DATA301; a
- (3) 60 COSC201 299, SENG201 299, ENCE260; a
- (4) 30 MATH, EMTH, STAT, MATH101 a, MATH110.

### M tauranga Raraunga | Data Science

DATA480 ( SCIE481 a, SCIE482), COSC469, a a 75 ( a a Ka a H a, a P a D ) COSC (COSC401 449, COSC462 468, COSC471 474, COSC477 479), DATA (DATA420 440), MATH (MATH401 448, 450 490), STAT (STAT401 448, 450 490), a SENG (SENG401, 403 490). A a 30 MATH a, a COSC a, SENG, a a a a 30 MATH a, STAT a.

P: A 300- Ba a S, Da a S, a Ba, Da a S,

**Ecology**

C. a a a 120 BIOL411 a BIOL412 a (ECOL480 SCIE481  
 a SCIE482). A a 45 a BIOL423 429 a BIOL438. T a  
 a T K a P a a K a S B a S Ka Ta  
 T a F Y a C a

P:

- (1) 60 BIOL370 384; a
- (2) BIOL309 15 300- STAT

**Economics**

ECON680 ( SCIE481 a SCIE482), a ECON601 679. A a a  
 B+ 300- E S a a  
 a a a A a ECON680 a

P:

- (1) ECON206 ECON325; a
- (2) ECON213 STAT202 STAT213; a
- (3) ECON207 a ECON208; a
- (4) 60 300- E ECON321, ECON324, ECON326 ( a a  
 a T a Ta H a D a ).

**M tai P taiao Aronukurangi | Environmental Science**

ENVR480, ENVR411 a ENVR415 60 a ANO o 10 4; a



**M tai Aronuku | Geology**

GEOL470 ( SCIE481 a, SCIE482) a, a 90. GEOL400-  
 a, a, a, T a, K a, T K a A a, H a, S, Ea a, E,  
 P a, a a, a, a, a, a, a, a, GEOL400-

P:

- (1) F. : GEOL351 a, GEOL352 ( a, ); a,
- (2) 60 GEOL300- a,
- (3) a a 60 a a a a a

RP: A a a 30 a GEOL300- a a a

**P ngarau | Mathematics**

MATH449 ( SCIE481 a, SCIE482) a, 90. MATH401 490 a, STAT401 490 ( a, a,  
 MATH449 STAT449) a, a 400- a, A a 60.  
 MATH,

P:

- (1) 45 MATH201 EMTH210, MATH202, MATH203 EMTH211, MATH220 a, MATH240  
 (, MATH201 a, a a MATH202 MATH203); a,
- (2) 60 MATH301 394; a,
- (3) a a a 30 MATH301 394 STAT301 394 a.

**Mathematical Physics**

MAPH480 ( SCIE481 a, SCIE482) a, a 90. 30 45 a,  
 MATH401 443 a, a, PHYS411 430, ASTR421 425.

P:

- (1) PHYS203, PHYS205, PHYS206; a,
- (2) MATH201 203; a,
- (3) 60 PHYS300- PHYS311, 313, 326; a, 60 MATH302, 303, 321, 343,  
 363, 365, a a T a, K a H a S,

**Medical Physics**

MDPH480 ( SCIE481 a, SCIE482) a, 90. MDPH401 410.

P: 90 a 300- a, T a, K a H a S.

**Microbiology**

C a a a 120 BIOL411, BIOL412, BIOL455 (BCHM455), BIOL456 (BCHM456) a,  
 a (MBIO480 SCIE481 a, SCIE482). A a 15 a, BIOL457 (BCHM457), BIOL459  
 (BCHM459), BIOL460 (BCHM460), BIOL463 a, BIOL496. T a, 15 a a a a  
 T K a P a a K a S, B a, S, Ka, Ta T a F Y a C a

P:

- (1) BIOL313; a,
- (2) A a 30 BCHM301, BCHM305, BCHM306, BIOL331, BIOL330, BIOL333, BIOL335,  
 BIOL351.

RP: BIOL309

**M tai Ahup ngao | Physics**

PHYS480 ( SCIE481 a, SCIE482) a, 90. PHYS411 460, ASTR421 425, MDPH403,  
 MDPH406. A a 30 PHYS440 460.

P:

- (1) 90 300- PHYS ASTR, PHYS310, PHYS311, PHYS313; a,

(2) 30 300- MATH.

### M tai Hinengaro | Psychology

PSYC460, PSYC470 ( SCIE481 a, SCIE482) a, a 75 PSYC404 441 a, PSYC452 499.

P:

- (1) PSYC105 a, PSYC106 ( a ); a
- (2) A a 60 200- PSYC, PSYC206 ( a ); a
- (3) A a 75 300- PSYC, PSYC375 ( a ); B a

OR

OPTION 2: C a Ba a a a P a a a a a a PSYC105 a PSYC106 ( a ), a 120 P a a 100- PSYC206 a PSYC375 ( a ). A 300- a a Ba a a 60 PSYC375 a

### Tatauranga | Statistics

STAT449 ( SCIE481 a, SCIE482) a 90 STAT401 490 a, MATH401 490 ( a, STAT449 MATH449) a a 400- a A a 60. STAT, O, STAT461 STAT464 a, STAT213 STAT314 ( a )

P: MATH103 MATH199; a

- 45 STAT 201 294; a
- 60 STAT 301 394; a
- A a a 30 MATH 301 394 STAT 301 394 a

G ● 2: D ● b Ma



### Finance and Statistics

E :

- (a) FINC680 ( SCIE481 a, SCIE482) 90. FINC601 660 STAT401 490 ( STAT449),  
a a 30. FINC a a 45. STAT
- (b) STAT449 ( SCIE481 a, SCIE482) 90. FINC601 660 STAT401 490 ( STAT449),  
a a 45. FINC a a a 30. STAT

P:

- (1) A a a BS, S a a a FINC201,  
FINC203, FINC205, a, FINC331; a a a 30 a a  
300- FINC
- (2) A a a BC BS, F a a a  
45 STAT201 294; a a a 45 a a STAT301 394.

### Mathematics and Philosophy

E :

- (a) MATH449 ( SCIE481 a, SCIE482) 90. PHIL401 499 ( PHIL480) MATH401  
490 ( MATH449), a a 30. PHIL a a a 30  
MATH
- (b) PHIL480 ( SCIE481 a, SCIE482) 90. PHIL401 499 ( PHIL480) MATH401 490  
( MATH449), a a 30. PHIL a a a 30 MATH

P:

- (1) 45 MATH201 294; a
- (2) 60 MATH301 394; a
- (3) 45 PHIL208, PHIL209, PHIL233, HAPS201, HAPS202, MATH230; a
- (4) 45 PHIL301 399, HAPS302, MATH308, MATH309, MATH336.

### Mathematics and Statistics

MATH449 STAT449 ( SCIE481 a, SCIE482) 90. MATH401 490 a STAT401 490  
( a, MATH449 STAT449). A a 45. MATH a a a 45.  
STAT.

P:

- (1) 45 MATH201, MATH202, MATH203, MATH220 a, MATH240, MATH201 a a a  
(MATH202 MATH203); a
- (2) 45 STAT201 294; a
- (3) 105 MATH301 394 a, STAT301 394, a a 45 a, MATH  
a, STAT

Q a P ca P a P R a P