# Faculty of Law

## LLB

### Statute for the Degree of Bachelor of Laws

This statute is to be read in conjunction with the Personal Courses of Study Statute.

### General Requirements

1.  The personal course of study of a candidate for the LLB degree shall, except as provided in section 3 below and the Credit Transfer Statute, consist of courses worth at least 482 points as specified in section 2. Each candidate shall participate in the Moot Court programme of the Faculty of Law, LAWS 299, and complete the compulsory Legal Research and Writing programme, LAWS 298, to the satisfaction of the Dean of the Faculty of Law.

2.  (a) The course of study for the LLB degree shall, except as provided in (c), include:

    **Part 1:** 90 points selected from the schedules of other first degrees of this University;

    **Part 2:** LAWS 121, 122, 123;

    **Part 3:** LAWS 211, 212, 213, 214;

    **Part 4:** LAWS 301 and twelve electives selected from LAWS 300-397.

    (b) In general, Part 2 shall be completed before enrolment in Part 3, and Part 3 shall be completed before enrolment in Part 4.

    (c) A graduate of a New Zealand university (or another approved university) shall receive credit for 90 non-law points and be exempted from Part 1.

### Cross-crediting

3.  At the discretion of the Student Administration Manager:

    (a) a candidate completing an LLB degree combined with another undergraduate degree or conjoint degree programme may have up to 160 points subtracted from the total points required to complete both separately; and

    (b) a candidate completing an LLB degree combined with a double degree programme may have up to 240 points subtracted from the total points required to complete all three degrees separately.

    In either case, the overall course of study for the LLB and the other programme shall satisfy the requirements of section 2 of this statute and section 11 of the Personal Courses of Study Statute.

    *Note: Students who have passed LAWS 101 may substitute LAWS 101 under Part 2 for LAWS 121, 122 and 123, provided that Part 1 includes 108 points selected from the schedules of other first degrees of this University.*

## Schedule to the LLB Statute

| Course | Title | Pts | Prerequisites (P), Corequisites (C) and Restrictions (X) |
|---|---|---|---|
| LAWS 121 | Introduction to New Zealand Legal System | 18 | X LAWS 101 |
| LAWS 122 | Introduction to Case Law | 18 | P LAWS 121; X LAWS 101 |
| LAWS 123 | Introduction to Statute Law | 18 | P LAWS 121; X LAWS 101 |
| LAWS 211 | The Law of Contract | 32 | P either LAWS 121, 122, 123 or LAWS 101 |
| LAWS 212 | The Law of Torts | 32 | P either LAWS 121, 122, 123 or LAWS 101 |
| LAWS 213 | Public Law | 32 | P either LAWS 121, 122, 123 or LAWS 101 |
| LAWS 214 | Criminal Law | 32 | P either LAWS 121, 122, 123 or LAWS 101 |
| LAWS 298 | Legal Research and Writing | 0 | |
| LAWS 299 | Mooting | 0 | |
| LAWS 301 | Property Law | 30 | P LAWS 211; X LAWS 314 |
| LAWS 302 | Advanced Torts | 15 | P LAWS 212 |
| LAWS 303 | Advanced Contract | 15 | P LAWS 211 |
| LAWS 304 | Restitution | 15 | P LAWS 211, 212, 213, 214, 301 |
| LAWS 305 | Equitable Obligations | 15 | |
| LAWS 306 | Remedies | 15 | |
| LAWS 307 | Sentencing and Penal Policy | 15 | X CRIM 312, 513 |
| LAWS 308 | Advanced Criminal Law | 15 | P LAWS 214 |
| LAWS 309 | The Criminal Justice System | 15 | X CRIM 215, 311 |
| LAWS 313 | Māori Customary Law | 15 | |
| LAWS 314 | Property Law (Transitional) | 15 | X LAWS 301 |
| LAWS 315 | Advanced Real Property | 15 | P LAWS 301 |
| LAWS 316 | Māori Land Law | 15 | P LAWS 301 |
| LAWS 317 | Natural Resources Law | 15 | C LAWS 301 |
| LAWS 318 | Resource Management Law | 15 | C LAWS 301 |
| LAWS 319 | Trusts | 15 | C LAWS 301 |
| LAWS 320 | Advanced Public Law | 15 | |
| LAWS 321 | Administrative Law | 15 | P LAWS 213 |
| LAWS 322 | Judicial Review | 15 | |
| LAWS 323 | Legislation | 15 | P LAWS 213 |
| LAWS 324 | Welfare Law | 15 | |
| LAWS 325 | Advanced Environmental Law | 15 | P LAWS 212; C LAWS 301 |
| LAWS 326 | Australian Public Law | 15 | P LAWS 213 |
| LAWS 327 | Civil Liberties | 15 | |
| LAWS 328 | Law of Privacy | 15 | P LAWS 212 |
| LAWS 329 | Legal History | 15 | |
| LAWS 330 | Jurisprudence | 15 | |
| LAWS 331 | Bill of Rights | 15 | P LAWS 213; X LAWS 393 in 1997-2002 |
| LAWS 332 | Feminist Legal Theory | 15 | P LAWS 211, 212, 213, 214 |
| LAWS 333 | Law and Sexuality | 15 | P LAWS 211, 212, 213, 214 |
| LAWS 334 | Ethics and the Law | 15 | |
| LAWS 335 | Law and Economics | 15 | X ECON 330 |
| LAWS 340 | International Law | 15 | P LAWS 213 |
| LAWS 341 | International Institutions | 15 | P LAWS 340 |
| LAWS 342 | International Environmental Law | 15 | C LAWS 301, 340 |
| LAWS 343 | International Human Rights | 15 | C LAWS 340 |
| LAWS 345 | Comparative Law | 15 | |
| LAWS 347 | Pacific Legal Studies | 15 | |

| LAWS 350 | Introduction to Commercial Law | 15 | X COML 301 |
|---|---|---|---|
| LAWS 351 | Maritime Law | 15 | |
| LAWS 352 | Banking Law | 15 | |
| LAWS 353 | Intellectual Property | 15 | P LAWS 211, 212, 301 |
| LAWS 354 | International Trade Law | 15 | |
| LAWS 355 | Employment Law | 15 | P LAWS 211; X COML 302 |
| LAWS 356 | Competition Law | 15 | X COML 304 |
| LAWS 357 | Consumer Law | 15 | |
| LAWS 358 | Insurance Law | 15 | |
| LAWS 360 | Business Associations | 15 | X COML 303 |
| LAWS 361 | Advanced Company Law | 15 | |
| LAWS 362 | Insolvency Law | 15 | P LAWS 301 |
| LAWS 363 | Securities Regulations | 15 | |
| LAWS 364 | Sales and Sales Finance | 15 | |
| LAWS 365 | Elements of Taxation | 15 | |
| LAWS 366 | Entity Taxation | 15 | X LAWS 366 before 2006 |
| LAWS 367 | Business Planning | 15 | |
| LAWS 368 | Issues in Taxation | 15 | |
| LAWS 370 | Introduction to Family Law | 15 | |
| LAWS 371 | Child Law | 15 | |
| LAWS 372 | Relationship Property and Succession | 15 | C LAWS 301 |
| LAWS 375 | Conflict of Laws | 15 | P LAWS 211, 212, 213, 214; C LAWS 301; |
| LAWS 379 | Dispute Resolution | 15 | X LAWS 391 in 1999-2002 |
| LAWS 380 | Evidence | 15 | C LAWS 214 |
| LAWS 381 | Civil Procedure | 15 | |
| LAWS 382 | Criminal Procedure | 15 | |
| LAWS 383 | Negotiation and Mediation | 15 | |
| LAWS 384 | Legal Services Clinical Programme | 15 | |
| LAWS 391-97 | Special Topics | 15 | |

# LLB(Hons)

## Statute for the Degree of Bachelor of Laws with Honours

This statute is to be read in conjunction with the Personal Courses of Study Statute.

### General Requirements

1.  The personal course of study of a candidate for the LLB(Hons) degree shall, except as provided in section 4 below and the Credit Transfer Statute, consist of courses selected from the schedules to the statutes for this degree, the LLM and any first degrees at this University. The courses shall be worth at least 516 points and include:
    (a)  at least 90 points in non-LAWS courses;
    (b)  LAWS 121, 122, 123, 211, 212, 213, 214;
    (c)  LAWS 301 and 10 electives from LAWS 300-399;
    (d)  LAWS 489 and two approved courses from LAWS 430-470; and
    (e)  one approved course from LAWS 500-528.

Each candidate shall comply with all legal writing and mooting requirements as specified in LAWS 298 and LAWS 299.

2. Each candidate shall, no later than 1 September in the first year of enrolment in the LLB(Hons), present for LAWS 489 a supervised research essay undertaken on a topic approved by the Honours Coordinator of the Faculty of Law.

3. A candidate shall normally complete the courses specified in section 1(d) and (e) over a two-year period. This period may be varied by the Honours Coordinator.

## Cross-credits

4. At the discretion of the Honours Coordinator:
   (a) a candidate completing an LLB(Hons) degree combined with another undergraduate degree or conjoint degree programme may have up to 160 points subtracted from the total points required to complete both separately; and
   (b) a candidate completing an LLB(Hons) degree combined with a double degree programme may have up to 240 points subtracted from the total points required to complete all three degrees separately.

   In either case, the overall course of study for the LLB(Hons) and the other programme shall satisfy the requirements of sections 1 and 2 of this statute and section 11 of the Personal Courses of Study Statute.

## Award of Honours

5. (a) The LLB(Hons) may be awarded with Honours as described in sections 19 and 20 of the Personal Courses of Study Statute.
   (b) To be eligible for the award of Honours a candidate shall complete the courses specified in section 1(d) and (e) within three years of first enrolment for the LLB(Hons) degree.
   (c) The class of Honours to be awarded shall be determined by the candidate's performance in the courses prescribed in section 1(c)-(e) of this statute and in any *viva voce* examination which may be held. Honours will not normally be awarded if a candidate has failed any course included in the assessment of Honours, unless the Dean is satisfied that the candidate is worthy of such an award on their performance as a whole.
   (d) A candidate whose work is of a standard lower than that required for Honours, or who has not met the requirement stated in (b), may be required to transfer to an LLB degree, receiving such points as determined by the Honours Coordinator.

   *Note: Students who have passed LAWS 101 may substitute LAWS 101 under section 1(b) for LAWS 121, 122 and 123, provided that the courses completed under section 1(a) include 108 points selected from the schedules of other first degrees of this University.*

**Courses of Study**

## Schedule to the LLB(Hons) Statute

### Part A

Courses from the LLB Schedule

### Part B

| Course | Title | Pts |
|---|---|---|
| LAWS 430-470 | Special Topics | 8 |
| LAWS 489 | Research Essay | 8 |

# LLM

## Statute for the Degree of Master of Laws

This statute is to be read in conjunction with the Personal Courses of Study Statute.

### Entry Requirements

1. (a) Before enrolment, a candidate for the LLM degree shall have:
     (i) completed an LLB(Hons) or LLB degree; and
     (ii) been accepted by the Director of Postgraduate Studies for the Faculty of Law as capable of proceeding with the proposed course of study.
   (b) Requirement (a)(i) may be waived by the Director for a candidate who has had extensive practical, professional or scholarly experience of an appropriate kind.

### General Requirements

2. Except as provided in section 5 of this statute, the course of study for the LLM shall consist of either:
   (a) a Master's thesis LAWS 591, together with any additional advanced legal study specified by the Director; or
   (b) a coherent programme approved by the Director and including:
     (i) LAWS 581;
     (ii) one course from LAWS 501-528; and
     (iii) 70 further points from LAWS 501-589; or
   (c) a combination of coursework and dissertation including:
     (i) LAWS 581;
     (ii) LAWS 592; and
     (iii) 20 further points from LAWS 501-589.

3. A full-time candidate shall normally complete the degree within one year of first enrolling in it, and a part-time candidate shall normally complete it within three years of first enrolment. The Director may vary these periods in special cases.

   *Note: The minimum and maximum enrolment periods for Master's degrees are under review at the time of printing. Please check the University website for current regulations.*

4. A candidate who has failed any course shall re-enrol for the degree only with the permission of the Director.

## Substitution of Courses

5. A candidate may, with the permission of the Director, replace LAWS 581 with an appropriate 500-level LAWS course, or substitute in section 2(b)(iii) up to 40 points worth of 400/500-level courses offered for other VUW programmes. (See Part 2 of the Personal Courses of Study Statute for the general provisions concerning the substitution of courses.)

## Award of Distinction or Merit

6. The LLM may be awarded with Distinction or Merit as described in sections 19 and 21 of the Personal Courses of Study Statute.

## Schedule to the LLM Statute

| Course | Title | Pts |
| --- | --- | --- |
| LAWS 501 | Competition Law | 40 |
| LAWS 502 | Intellectual Property | 40 |
| LAWS 503 | Comparative Law | 40 |
| LAWS 504 | International Trade | 40 |
| LAWS 505 | Public Law | 40 |
| LAWS 506 | Criminal Law | 40 |
| LAWS 507 | Family Law | 40 |
| LAWS 508 | Energy and Natural Resources | 40 |
| LAWS 509 | International Law | 40 |
| LAWS 510 | Jurisprudence | 40 |
| LAWS 511 | Property Law | 40 |
| LAWS 512 | Corporations and Other Organisations | 40 |
| LAWS 513 | Law and Medicine | 40 |
| LAWS 514 | Commercial Law | 40 |
| LAWS 515 | Indigenous Peoples Law | 40 |
| LAWS 516 | Taxation | 40 |
| LAWS 517 | Law of Torts | 40 |
| LAWS 518 | International and Comparative Labour Law | 40 |
| LAWS 519 | Administrative Law | 40 |
| LAWS 520-529* | Special Topics | 40 |
| LAWS 530-576* | Special Topics | 20 |
| LAWS 577-579 | Special Topics | 10 |
| LAWS 580 | Introduction to the Common Law | 10 |
| LAWS 581 | Advanced Legal Study | 10 |
| LAWS 582 | Masters Legal Writing | 30 |
| LAWS 591 | Thesis | 120 |
| LAWS 592 | Dissertation | 90 |

*\* To be prescribed by the Dean of Law. Approval will not normally be given for candidates to take any of LAWS 520-580 where the same or substantially similar courses have been taken as part of another degree.*

# GCertLaw

## Statute for the Graduate Certificate in Law

This statute is to be read in conjunction with the Personal Courses of Study Statute.

### Entry Requirements

1.  (a) Before enrolment, a candidate for the GCertLaw shall have:
       (i) completed an LLB(Hons) or LLB; and
       (ii) been accepted by the Director of Postgraduate Studies for the Faculty of Law as capable of proceeding with the proposed course of study.
    (b) Requirement (a)(i) may be waived by the Director for a candidate who has adequate training and an ability to proceed with the proposed course of study.

### General Requirements

2.  (a) The course of study for the GCertLaw shall be a coherent programme of study approved by the Director and consisting of courses at 200- to 500-level , with a total value of no less than 60 points and including at least 40 points at 300-level or above. Except as provided in section 4, these courses shall be chosen from the LLB, LLB(Hons) or LLM schedules.
    (b) The course of study may include up to two courses passed for a Certificate of Proficiency before enrolment for the GCertLaw.

3.  A candidate shall normally be enrolled for at least one trimester and shall complete the GCertLaw within three years of first enrolling in it. The Director may extend the maximum period in special cases.

### Substitution of Courses

4.  A candidate may include up to two approved courses from other university programmes.

# DipLaw

## Statute for the Diploma in Law*

*The Diploma in Law is no longer available to new students. Students who enrolled before 2008 may complete under the regulations as specified in the 2007 Calendar.*

# Law Profession Admission Programme

The requirement for candidates seeking admission as barristers and solicitors is satisfactory completion of a professional legal studies course. These courses are taught and administered by the Institute of Professional Legal Studies, PO Box 5649, Wellington, and by the College of Law, PO Box 5047, Wellesley Street, Auckland.

# Faculty of Science

## BSc

### Statute for the Degree of Bachelor of Science

This statute is to be read in conjunction with the Personal Courses of Study Statute.

### General Requirements

1.  (a) The personal course of study of a candidate for the BSc degree shall, except as provided in (b) or in section 5 below or the Credit Transfer Statute, consist of courses from the BSc schedule or the schedules of other first degrees of this University having a total value of at least 360 points, of which:
    (i) at least 270 points shall be from courses listed in the BSc schedule (except that up to 48 points from other degree schedules may be included in this total where they are taken to satisfy a major subject requirement as specified in section 2);
    (ii) at least 180 points shall be from courses numbered 200-399, including 120 points from courses in the BSc schedule; and
    (iii) at least 72 points shall be from courses numbered 300-399 in the BSc schedule.
    (b) With the permission of the Associate Dean (Students) of the Faculty of Science, a candidate may include courses from the BSc(Hons) schedule. For the purposes of this statute, such courses shall be regarded as if they were numbered in the range 300-399 and listed in the BSc schedule. However, they may not be used to satisfy any requirement that specifies a particular course at 300-level or courses numbered within a range narrower than 300-399.

### Major Subject Requirements

2.  A candidate shall satisfy the requirements for at least one major subject as listed below, with these provisos:
    (a) no course numbered 300-399 may be counted towards more than two major subjects;
    (b) no more than 30 points in courses numbered 300-399 may be counted towards more than one major subject.

    #### Applied Statistics
    (a) STAT 193 or QUAN 102; 18 further 100-level MATH, STAT or QUAN points
    (b) STAT 291, 338, 392
    (c) 22 further 200-level STAT, OPRE or MATH points, or one of (BIOL 222, 242, ENVI 214, 222, GEOL 242, GEOG 215, LING 211, 325, MAOR 211, 222, MGMT 206, PSYC 325, PUBL 306, QUAN 201, 202, 203, SOSC 203, 212, SPOL 205, 207, STAT 339)

    #### Biology
    (a) BIOL 111, 113, 114
    (b) At least 60 200-level BIOL points
    (c) At least 60 300-level BIOL points

**Courses of Study**

### Biotechnology
(a)  BIOL 111, BTEC 101, CHEM 103, 104, COML 111, STAT 193
(b)  BIOL 241, 262, BTEC 201, CHEM 201, 204, PHIL 228, at least 12 points from CHEM 205, 206, BIOL 261
(c)  BTEC 301, TECH 302, at least 18 points from BIOL 361, 362, CHEM 305, 306

*Note:  Specific course advice will be given in the School of Biological Sciences Prospectus relating to recommended selections of courses identified as appropriate to accompany the core requirements of the major and any prerequisite courses.*

### Cell and Molecular Bioscience
(a)  BIOL 111, 113, 114, CHEM 104
(b)  BIOL 239, 240, 241, 252, 261, 262
(c)  BIOL 339, 340, 361, 362, at least one course from BIOL 334, 335, 341, 342

### Chemistry
(a)  CHEM 201, 202, 203, 204, 205, 206
(b)  Any four of CHEM 301, 302, 303, 305, 306

### Chemistry and Technology
(a)  CHEM 201, 202, 203, 204, 205, 206
(b)  CHEM 303, 306, any two of CHEM 301, 302, 305

### Computer Science
(a)  Three of COMP 201-206
(b)  60 300-level COMP points
(c)  MATH 114, one of STAT 131, 193, QUAN 102
(d)  One of (MATH 214, 207, OPRE 251, STAT 231) or 22 points in approved courses above 100-level

### Development Studies
(a)  GEOG 112, 212, 312, 316
(b)  Five further approved courses with significant relevance to development studies and/or development studies content, comprising:
    (i)   one regional-based course and one subject-based course at 100-level
    (ii)  one regional-based course and one subject-based course at 200-level
    (iii) one 300-level course

*Note:  A list of approved courses is included in the Development Studies Prospectus and Course Catalogue.*

### Ecology and Biodiversity
(a)  BIOL 111, 113, 114; STAT 193
(b)  BIOL/ENVI 222, BIOL 227, 228, 241, 242; STAT 291
(c)  BIOL 327, 328, 329

### Electronic and Computer Systems
(a)  PHYS 340, 341
(b)  Two of COMP 305, 306, 310
(c)  One further approved course from PHYS 300-399 or COMP 300-399

### Environmental Studies
(a)  ECON 130; STAT 193 or an equivalent background in statistics
(b)  18 points from BIOL 132, CHEM 100-199, ESCI 111, 112, 132, PHYS 131
(c)  One course from (ESCI 201, GEOG 218, 219, MAOR 214, 215, PUBL 207) or an approved course in environmental law or political science
(d)  ENVI/GEOG 314, BIOL/ENVI 222, one of BIOL 327, 328, 371

**Geography**
(a)  48 points from GEOG 300-399
(b)  At least 44 further 200/300-level GEOG points

**Geology**
(a)  ESCI 204, 301, 302
(b)  ESCI 340 or (ESCI 341, 342)
(c)  ESCI 303 or 305

**Geophysics**
(a)  MATH 206, 207, PHYS 209, 215, GPHS/MATH 323
(b)  Either:
     (i)  *Solid Earth Geophysics:* ESCI 112, 305, GEOL/GPHS 344, 22 further 200/300-level MATH or PHYS points, or
     (ii) *Meteorology:* MATH 322 and one of MATH 301, OPRE 352, PHYS 304, 305, STAT 331

**Interdisciplinary Science**
72 points in 300-level courses approved by the Associate Dean from the BSc schedule

**Linguistics**
(a)  LING 221, 325, one further course from LING 321-399
(b)  One approved course* in logic or computer science (excluding COMP 101 and 130) or a language other than English

*  *A candidate whose language in the home or school is not English will be exempted from this requirement.*

**Management Science**
(a)  OPRE 251, 351, 352
(b)  One of MGMT 314, 315, 316
(c)  At least 22 further points from MGMT 200-399

**Marine Biology**
(a)  BIOL 111, 113, 114, STAT 193
(b)  BIOL/ENVI 222, 227, 228, 241, 271, 272, STAT 291
(c)  BIOL 329, 371, 372

**Mathematics**
(a)  MATH 113, 114; one course from COMP 102, STAT 131, 193, QUAN 102
(b)  At least 92 points from MATH 200-399 (excluding MATH 371), including at least 48 points numbered 300-399

**Operations Research**
(a)  OPRE 251; 22 points from MATH 200-269 or STAT 200-289
(b)  OPRE 351, 352

**Physics**
(a)  PHYS 304, 305, 307, 309
(b)  One of (PHYS 339, 340, 341) or, with the permission of the Head of School, MATH 301 or 322
(c)  PHYS 214, 215 and two further courses from PHYS 200-299

**Psychology**
(a)  66 200-level PSYC points
(b)  72 300-level PSYC points

### Statistics
(a) STAT 231, 331
(b) 24 further points from STAT 300-399.

## Cross-crediting

3. At the discretion of the Associate Dean:
   (a) a candidate completing a BSc degree combined with another undergraduate degree or conjoint degree programme may have up to 160 points subtracted from the total points required to complete both separately;
   (b) a candidate completing a BSc degree combined with a double degree programme may have up to 240 points subtracted from the total points required to complete all three degrees separately.

   In either case, the overall course of study for the BSc and the other programme shall satisfy the requirements of sections 1 and 2 of this statute and section 11 of the Personal Courses of Study Statute.

## Schedule to the BSc Statute

| Course | Title | Pts | Prerequisites (P), Corequisites (C), Double-labellings (D) and Restrictions (X) |
|---|---|---|---|
| ARCH 181 | Architectural Technologies | 18 | |
| ARCH 222 | Sustainable Architecture | 20 | P 72 pts; X ARCH 282 in 1998-2000 |
| BIOL 111 | Cell Biology | 18 | |
| BIOL 113 | Biology of Plants | 18 | |
| BIOL 114 | Biology of Animals | 18 | X BMSC 114 |
| BIOL 116 | Human Reproduction, Evolution and Sexuality | 15 | X BMSC 116 |
| BIOL 132 | Biodiversity and Conservation | 18 | |
| BIOL 219 | New Zealand Flora and Fauna | 15 | P 72 pts |
| BIOL 221 | Human Nutrition | 22 | P 72 pts |
| BIOL 222 | Physical and Biological Processes in Ecology | 22 | P STAT 193; 36 pts from (BIOL 111, 113, 114, 132, ENVI/GEOG 114, ESCI 111, 112, GEOG 111, GEOL 113); D ENVI 222; X BIOL/GEOL 214 |
| BIOL 227 | Plants and Algae: Function and Diversity | 22 | P BIOL 113 |
| BIOL 228 | Animal Diversity | 22 | P BIOL 114; X BIOL 218 |
| BIOL 231 | Science and Society | 22 | P 72 pts; X SCED 201 |
| BIOL 234 | Special Topic | 15 | P 72 approved pts |
| BIOL 236 | Environmental Microbiology | 15 | P 72 pts from (BIOL, BMSC or BTEC 100-399, ESCI 112, GEOL 113) |
| BIOL 239 | Proteins and Enzymes | 18 | P CHEM 103 or 104; D BMSC 239; X BMSC 209 |
| BIOL 240 | Metabolism | 18 | P BIOL 111; CHEM 103 or 104; D BMSC 240; X BMSC 210 |
| BIOL 241 | Heredity and Gene Expression | 18 | P BIOL 111; D BMSC 241; X BIOL 311, BMSC 211 |
| BIOL 242 | Field Ecology and Landscape Evolution | 11 | P 36 pts from BIOL, GEOG, GEOL, ENVI, or ESCI 100-199; C BIOL 222; D GEOL 242 |
| BIOL 243 | Physiology and Pharmacology | 18 | P BIOL 111, 114; CHEM 103 or 104; D BMSC 243; X BMSC 213 |

| BIOL 252 | Cell and Developmental Biology | 18 | P BIOL 111, 114; D BMSC 252; X BMSC 212 |
| BIOL 261 | Laboratory Techniques for the Molecular Biosciences 1 | 12 | P CHEM 103 or 104; BIOL 111; D BMSC 261 |
| BIOL 262 | Laboratory Techniques for the Molecular Biosciences 2 | 12 | P CHEM 103 or 104; BIOL 111; D BMSC 262 |
| BIOL 271 | Introductory Marine Biology | 11 | P 72 pts |
| BIOL 272 | Field Marine Biology | 11 | P BIOL 113 (or 114), 271, STAT 291 |
| BIOL 327 | Population and Community Ecology | 30 | P BIOL/ENVI 222 (or BIOL/GEOL 214) |
| BIOL 328 | Behaviour and Conservation Ecology | 30 | P BIOL/ENVI 222 (or BIOL/GEOL 214); X BIOL 318, 321 |
| BIOL 329 | Evolution | 24 | P 240 pts, including at least 30 pts at 300-level in the biological sciences, earth sciences or philosophy |
| BIOL 334 | Cell and Immunobiology | 9 | P BIOL 252 or equivalent background; D BMSC 334; X BIOL/BMSC 304 |
| BIOL 335 | Advanced Physiology | 18 | P BIOL 243; D BMSC 335; X BIOL/BMSC 305 |
| BIOL 336 | Special Topic | 30 | |
| BIOL 337 | Special Topic | 15 | |
| BIOL 339 | Cellular Regulation | 18 | P BIOL 239, 240; D BMSC 339; X BIOL/BMSC 309 |
| BIOL 340 | Genes and Genomes | 18 | P BIOL 241; D BMSC 340; X BIOL/BMSC 310; |
| BIOL 341 | Genetics | 9 | P BIOL 241; D BMSC 341; X BIOL 311, BMSC 312 |
| BIOL 342 | Human Molecular Genetics | 9 | P BIOL 341; C BIOL 340; D BMSC 342; X BIOL 311, BMSC 353 |
| BIOL 361 | Laboratory Techniques for the Molecular Biosciences 3 | 18 | P BIOL 261, 262; D BMSC 361; X BIOL 303, 304, 305, 309, 310, 311 |
| BIOL 362 | Laboratory Techniques for the Molecular Biosciences 4 | 18 | P BIOL 261 or (CHEM 205 and BIOL 239); D BMSC 362; X BIOL 303, 304, 305, 309, 310, 311 |
| BIOL 371 | Marine Ecology | 30 | P BIOL/ENVI 222 (or BIOL/GEOL 214), BIOL 272; X BIOL 313, 323 |
| BIOL 372 | Marine Animal Resources | 30 | P BIOL 228, 271 |

*For BMSC courses see BBmedSc schedule*

| BTEC 101 | Introduction to Biotechnology | 18 | |
| BTEC 201 | Molecular Biotechnology | 18 | P BIOL 111 |
| BTEC 301 | Biotechnological Techniques and Processes | 30 | P BTEC 201 |
| CHEM 103 | Concepts of Chemistry | 18 | |
| CHEM 104 | Principles of Chemistry | 18 | |
| CHEM 191 | Introductory Chemistry | 18 | X CHEM 103, 104 |
| CHEM 201 | Organic Chemistry | 18 | P CHEM 103, 104 |
| CHEM 202 | Inorganic and Materials Chemistry | 18 | P CHEM 103, 104 |
| CHEM 203 | Physical and Process Chemistry | 18 | P CHEM 103, 104 |
| CHEM 204 | Spectroscopy and Structural Analysis | 11 | P CHEM 103, 104 |
| CHEM 205 | Chemical Synthesis – Laboratory Component | 15 | P CHEM 103, 104 |
| CHEM 206 | Chemical Methods and Processes – Laboratory Component | 15 | P CHEM 103, 104 |
| CHEM 225 | Analytical Chemistry | 11 | P CHEM 103, 104 |
| CHEM 301 | Organic Chemistry | 18 | P CHEM 201, 204; X CHEM 371 |

**Courses of Study**

| | | | |
|---|---|---|---|
| CHEM 302 | Inorganic and Materials Chemistry | 18 | P CHEM 202, 204; X CHEM 372 |
| CHEM 303 | Physical and Process Chemistry | 18 | P CHEM 203; C CHEM 201; X CHEM 365, 372 |
| CHEM 305 | Chemistry Synthesis Laboratory | 18 | P CHEM 201, 204, 205 |
| CHEM 306 | Chemical Materials and Methods Laboratory | 18 | P CHEM 202, 204, 206 |
| COMP 101 | Introduction to Dynamic Web Development | 18 | X INET 101 |
| COMP 102 | Intro to Computer Program Design | 18 | |
| COMP 103 | Introduction to Data Structures and Algorithms | 18 | P COMP 102 |
| COMP 202 | Introduction to Formal Methods | 22 | P COMP 103, MATH 114 |
| COMP 203 | Computer Organisation | 22 | P COMP 103, MATH 114 |
| COMP 205 | Software Design and Engineering | 22 | P COMP 103 |
| COMP 206 | Program and Data Structures | 22 | P COMP 103; X COMP 201 |
| COMP 301 | Software Engineering Principles | 15 | P COMP 205 (or 201) |
| COMP 302 | Database Systems | 15 | P COMP 205, 206 (or 201), MATH 114 |
| COMP 303 | Design and Analysis of Algorithms | 15 | P COMP 202; one of COMP 201, 205, 206; MATH 214 |
| COMP 304 | Programming Languages | 15 | P COMP 202; COMP 205 or 206 (or 201); MATH 114 |
| COMP 305 | Operating Systems | 15 | P COMP 203, 206 (or 201), MATH 114 |
| COMP 306 | Computer Networks | 15 | P COMP 203 (or 204), 206 (or 201); MATH 114 |
| COMP 307 | Introduction to Artificial Intelligence | 15 | P COMP 205 or 206 (or 201); MATH 114 |
| COMP 308 | Computer Graphics | 15 | P COMP 205, 206 (or 201); MATH 114 |
| COMP 310 | Concurrent Programming | 15 | P COMP 203, 206 (or 201); MATH 114 |
| COMP 311 | User Interface Design | 15 | P COMP 205 (or 201) |
| COMP 312 | Simulation and Stochastic Models | 15 | P COMP 205 or 206 (or 201); STAT 131; MATH 114; X COMP 349 in 1998-2003, OPRE 352 |
| COMP 348-49 | Special Topics | 15 | P permission of Head of School |
| COMP 389 | Software Engineering Project | 15 | P COMP 301 |
| ENVI 114 | Environment and Resources: The Foundations | 18 | D GEOG 114 |
| ENVI 214 | Environment and Resources: NZ Perspectives | 22 | P ENVI/GEOG 114, GEOG 111; D GEOG 214 |
| ENVI 222 | Physical and Biological Processes in Ecology | 22 | P STAT 193; 36 pts from (BIOL 111, 113, 114, 132, ESCI 111, 112, ENVI 114, GEOL 111, 113); D BIOL 222; X BIOL/GEOL 214 |
| ENVI 314 | Advanced Environment and Resources: Global Issues | 24 | P ENVI 214; D GEOG 314 |
| ESCI 111 | Earth Systems and Global Change | 18 | X GEOL 111 |
| ESCI 112 | Fundamentals of Geology | 18 | X GEOL 113 |
| ESCI 132 | Antarctica: Unfreezing the Continent | 18 | X GEOL 132 |
| ESCI 201 | Climate Change and NZ's Future | 22 | P 36 pts |
| ESCI 202 | Sedimentology and Palaeontology | 22 | P ESCI 111, 112 (or GEOL 113); X GEOL 221 |
| ESCI 203 | Earth Structure and Deformation | 22 | P ESCI 111, 112 (or GEOL 113); X GEOL 223 |
| ESCI 204 | Petrology and Microscopy | 22 | P ESCI 111, 112 (or GEOL 113); X GEOL 224 |
| ESCI 301 | Global Change: Earth Processes and History | 24 | P ESCI 202 or GEOL 221; C ESCI 340 (or 341 or 342); X GEOL 361 |

| | | | |
|---|---|---|---|
| ESCI 302 | Tectonics and Structural Geology | 24 | P ESCI 203 or GEOL 223; C ESCI 340 (or 341 or 342); X GEOL 362 |
| ESCI 303 | Petrology and Geochemistry | 24 | P ESCI 204 or GEOL 224; X GEOL 363, 370 |
| ESCI 304 | Petroleum Geology | 24 | P ESCI 301 or GEOL 361; X GEOL 364 |
| ESCI 305 | Exploration Geophysics | 24 | P 18 pts from (ESCI 112, GEOL 113, MATH 113, PHYS 114, 115); 22 pts from (ESCI 203, GEOL 223, 200-level PHYS or MATH); X GEOL/GPHS 367, 368 |
| ESCI 306 | Special Topic | 24 | P 22 ESCI 200-level pts or other approved pts |
| ESCI 340 | Field Geology | 18 | P GEOL 241, ESCI 202/GEOL 221, ESCI 203/GEOL 223; X ESCI 341, 342,GEOL 341, 342 |
| ESCI 341 | Field Geology A | 9 | P permission of Head of School; X ESCI 340, GEOL 341 |
| ESCI 342 | Field Geology B | 9 | P permission of Head of School; X ESCI 340, GEOL 342 |
| GEOG 111 | Fundamentals of Geography | 18 | |
| GEOG 112 | Development in the Asia Pacific | 18 | |
| GEOG 114 | Environment and Resources: the Foundations | 18 | D ENVI 114 |
| GEOG 212 | Worlds of Development | 22 | P GEOG 112 or approved course |
| GEOG 214 | Environment and Resources: NZ Perspectives | 22 | P GEOG 111, 114; D ENVI 214 |
| GEOG 215 | Introduction to GIS and Spatial Analysis | 22 | P 72 100-level pts |
| GEOG 216 | Urban and Population Geography | 22 | P GEOG 111; GEOG 112 or 114 or 115 |
| GEOG 218 | Landform Development and Coastal Processes | 22 | P GEOG 111; GEOG 114 or 18 approved pts; C GEOG 223; X GEOG 213 |
| GEOG 219 | Climatic and Hydrological Processes | 22 | P as for GEOG 218; C GEOG 223; X GEOG 213 |
| GEOG 223 | Physical Environmental Processes: Field Methods | 11 | P GEOG 111; GEOG 114 or 18 100-level BIOL, ESCI or GEOL pts |
| GEOG 311 | Geography of New Zealand and Australia | 24 | P 44 200-level GEOG pts, or (22 200-level GEOG pts , 22 further approved pts) |
| GEOG 312 | Gender and Development | 24 | P (GEOG 212, 22 further 200-level GEOG pts,) or 44 approved 200-level pts |
| GEOG 314 | Advanced Environment and Resources: Global Issues | 24 | P GEOG 214; D ENVI 314 |
| GEOG 315 | Advanced Geographic Information Systems | 24 | P GEOG 215, 22 further approved 200-level pts |
| GEOG 316 | Geographies of Globalisation | 24 | P 22 200-level GEOG pts |
| GEOG 318 | Geomorphic Systems | 24 | P 44 200-level pts from GEOG 213, 218, 219, 223 or approved GEOL or BIOL courses; C GEOG 323 |
| GEOG 319 | Coastal Systems | 24 | P as for GEOG 318 |
| GEOG 323 | Advanced Physical Environmental Processes | 12 | P (GEOG 223 and one of GEOG 213, 218, 219,) or 33 200-level pts in a relevant field science |
| GEOL 241 | Introductory Field Geology | 11 | P 36 100-level ESCI or GEOL pts |
| GEOL 242 | Field Ecology and Landscape Evolution | 11 | P 36 pts from 100-level BIOL, GEOG, GEOL, ENVI or ESCI courses; C ENVI 222; D BIOL 242 |
| GEOL 343 | Volcanic Field Geology | 12 | P ESCI 203 (or GEOL 223), GEOL 241 |

**Courses of Study**

| | | | |
|---|---|---|---|
| GEOL 344 | Field Geophysics | 12 | P 22 200-level ESCI, GEOL, MATH or PHYS pts; D GPHS 344 |
| GPHS 323 | Mathematics for Earth Sciences | 24 | P MATH 206 and 11 further 200-level MATH pts; X MATH 323 |
| GPHS 344 | Field Geophysics | 12 | P as for GEOL 344; D GEOL 344 |
| LING 211 | Introduction to Linguistics | 22 | P 36 pts |
| LING 221 | Sociolinguistics | 22 | P 36 pts; X ENGL 245, LING 216,LING 312 |
| LING 223 | Language Learning Processes | 22 | P 36 pts; X LING 214 |
| LING 224 | Interpersonal Communication | 22 | P LALS 101 or 54 pts; D COMM 202 |
| LING 226 | Special Topic | 22 | P 36 pts |
| LING 321 | Discourse and Meaning | 24 | P LING 211 or 221; X ENGL 245, LING 216, LING 312 |
| LING 322 | New Zealand English | 24 | P LING 211 |
| LING 323 | Psycholinguistics | 24 | P LING 211 or PSYC 122 |
| LING 324 | Language Variation and Change | 24 | P LING 211; X LING 314 |
| LING 325 | Linguistic Analysis | 24 | P LING 211; X LING 220, 320 |
| LING 326 | Special Topic | 24 | P an approved 200-level LING course or an approved alternative 200-level course |
| MAOR 124 | The Science of the Māori: Te Pūtaiao o te Māori | 18 | P 18 100-level MAOR pts |
| MATH 103 | Introductory Calculus | 18 | X MATH 113; QUAN 103, 111 |
| MATH 104 | Introductory Algebra and Discrete Mathematics | 18 | X MATH 114 |
| MATH 113 | Calculus 1 | 18 | X the pair (MATH 114, QUAN 111) |
| MATH 114 | Algebra and Discrete Mathematics | 18 | X the pair (MATH 113, QUAN 111) |
| MATH 206 | Calculus 2 | 22 | P MATH 113, 114 (or QUAN 203) |
| MATH 207 | Linear Algebra | 22 | P MATH 114 (or QUAN 111, 203) |
| MATH 214 | Discrete Mathematics 2 | 22 | P MATH 114 |
| MATH 223 | Mathematical Modelling | 22 | P MATH 113, 114 (or QUAN 203); X MATH 209, (MATH 210 and 222) |
| MATH 301 | Calculus 3 | 24 | P MATH 206 or 209 or 222 or 223 |
| MATH 308 | Geometry | 12 | P MATH 113; C MATH 207 |
| MATH 309 | Mathematical Logic | 24 | P MATH 214 or 207 or COMP 202; X MATH 409 |
| MATH 311 | Algebra | 24 | P MATH 207 or 214; X MATH 302, 303 |
| MATH 312 | Analysis | 24 | P MATH 206, 207; X MATH 304, 305 |
| MATH 322 | Applied Mathematics | 24 | P MATH 206, 207 (or 209 or 210 or 223) |
| MATH 323 | Mathematics for Earth Sciences | 24 | P MATH 206, 207 (or 209 or 210 or 222 or 223); X GPHS 323 |
| MATH 324 | Coding and Cryptography | 24 | P MATH 207 or 214 |
| MATH 380 | Special Topic | 24 | P 22 approved 200-level MATH pts |
| MATH 381-82 | Special Topics | 12 | P as for MATH 380 |
| OPRE 251 | Operations Research | 22 | P STAT 131 or 193 or QUAN 102; one of (MATH 113, 114, QUAN 111) |
| OPRE 351 | Operations Research | 24 | P COMP 102, OPRE 251, 22 pts from (MATH 200-269, STAT 231, QUAN 203) |
| OPRE 352 | Simulation and Stochastic Models | 24 | P COMP 102; OPRE 251 or STAT 231 or 291 or QUAN 201 or 203; X COMP 312, (COMP 349 in 1998-2003) |
| OPRE 358-59 | Special Topics | 12 | P OPRE 251 or 22 approved 200/300-level pts; MATH 113 or QUAN 111 or a comparable background in calculus |
| PHIL 111 | Introduction to Logic | 18 | X PHIL 203 |
| PHIL 228 | Ethics and Genetics | 24 | P 36 PHIL/BIOL pts; X PHIL 328; PHIL 320 in 2001; PHIL 215/315 in 2002 |

| PHIL 234 | Logic and Computation | 22 | P PHIL 111 or 203 or 235 or 335 or MATH 114 or 309; X PHIL 211, 334 |
| PHIL 235 | Logic | 22 | P PHIL 111 or 203 or 234 or 334 or MATH 114 or 309; X PHIL 311, 335 |
| PHIL 316 | Philosophy of Mind | 24 | P 40 PHIL pts including 22 from PHIL 200-399 |
| PHIL 318 | Philosophy of Science | 24 | P as for PHIL 316 |
| PHIL 319 | The Evolution of Life and Mind | 24 | P as for PHIL 316 |
| PHIL 328 | Ethics and Genetics | 24 | P 40 PHIL pts including 22 from PHIL 200-399; X PHIL 228; PHIL 215/315 in 2002, PHIL 320 in 2001 |
| PHIL 334 | Logic and Computation | 24 | P PHIL 111 (with a pass of at least B) or 203 or 311 or 235 or 335 OR MATH 114 (with a pass of at least B) or 309; X PHIL 211, 234 |
| PHIL 335 | Logic | 24 | P PHIL 111 (with a pass of at least B) or 203 or 234 or 334 or MATH 114 (with a pass of at least B) or 309; X PHIL 235, 311 |
| PHYS 114 | Physics 1A | 18 | |
| PHYS 115 | Physics 1B | 18 | P PHYS 114 or a comparable background in physics |
| PHYS 130 | Introductory Physics | 18 | X PHYS 114, 115, 134 |
| PHYS 131 | Energy and the Environment | 18 | |
| PHYS 132 | Introductory Astronomy | 18 | |
| PHYS 134 | From Newton to Einstein and Beyond: An Introduction to Physics | 18 | X PHYS 114, 115, 130 |
| PHYS 209 | Physics of the Earth and Planets | 11 | P PHYS 114; MATH 113 |
| PHYS 214 | Physics 2A: Relativity, Quantum and Particle Physics | 22 | P PHYS 114 or a comparable background in physics; C MATH 113, 114 |
| PHYS 215 | Physics 2B: Electromagnetism, Optics and Thermal Physics | 22 | P PHYS 115, MATH 113, 114 |
| PHYS 217 | Computerised Data Acquisition and Analysis | 15 | P 36 100-level PHYS or CHEM pts; X PHYS 216; TECH 201, 203 |
| PHYS 234 | Digital Electronics | 11 | P PHYS 115 (or 130 or 134) or TECH 102; C MATH 114 |
| PHYS 235 | Analogue Electronics | 11 | P PHYS 115 or a comparable background in physics; MATH 104 or 114 |
| PHYS 304 | Electromagnetism | 15 | P PHYS 215; MATH 206 |
| PHYS 305 | Thermal Physics | 15 | P PHYS 215; MATH 206 |
| PHYS 307 | Quantum Physics | 15 | P PHYS 214; MATH 206 |
| PHYS 309 | Solid State and Nuclear Physics | 15 | P PHYS 214; MATH 113, 114 |
| PHYS 339 | Experimental Techniques | 15 | P one of PHYS 214, 215, 216, 217 |
| PHYS 340 | Microprocessor and Interface Electronics | 15 | P PHYS 234 |
| PHYS 341 | Analogue Electronics and Instrumentation | 15 | P PHYS 235, MATH 206 |
| PHYS 342 | Special Topic | 15 | P 22 approved 200-level PHYS pts |
| PSYC 101 | Popular Psychology | 15 | |
| PSYC 121 | Introduction to Psychology 1 | 18 | |
| PSYC 122 | Introduction to Psychology 2 | 18 | |
| PSYC 221 | Social Psychology | 18 | P PSYC 121 |
| PSYC 231 | Cognitive Psychology | 18 | P PSYC 122 |
| PSYC 232 | Research Methods in Psychology | 12 | P PSYC 121 or 122; STAT 193 (or 131) or QUAN 102 or approved equivalent; X PSYC 325 |

**Courses of Study**

| PSYC 233 | Brain and Behaviour | 18 | P PSYC 122; X PSYC 231 before 2002 |
|---|---|---|---|
| PSYC 234 | Developmental Psychology | 18 | P PSYC 121; X PSYC 324 before 2003 |
| PSYC 321 | Abnormal Psychology | 24 | P PSYC 232, STAT 193; 18 further pts from PSYC 200-299 |
| PSYC 322 | Memory | 24 | P PSYC 231 (or 233), 232, STAT 193 |
| PSYC 325 | Advanced Research Methods in Psychology | 24 | P as for PSYC 321 |
| PSYC 326 | Language, Thought and Social Behaviour | 24 | P as for PSYC 321 |
| PSYC 327 | Neuropsychology | 24 | P PSYC 231 (or 233), 232, STAT 193 |
| PSYC 331 | Visual Perception | 24 | P as for PSYC 327 |
| PSYC 332 | Behaviour Analysis | 24 | P as for PSYC 327 |
| PSYC 333 | Applied Social Psychology | 24 | P PSYC 221, 232, STAT 193 |
| PSYC 334 | Industrial and Organisational Psychology | 24 | P as for PSYC 321 |
| PSYC 335 | Psychology, Crime and Law | 24 | P as for PSYC 321; X CRIM 321 |
| PSYC 337 | Family Psychology | 24 | P PSYC 232, 234, STAT 193 |
| PSYC 338 | Cross-cultural Psychology | 24 | P as for PSYC 321 |
| PSYC 339 | Special Topic | 24 | |
| QUAN 102 | Statistics for Business | 18 | X STAT 193 |
| QUAN 201 | Introduction to Econometrics | 22 | P 18 100-level ECON pts; QUAN 102 (or STAT 131 or 193); QUAN 111 (or 103) or one of MATH 103-114; X the pair (QUAN 203, STAT 231) |
| QUAN 202 | Business and Economic Forecasting | 22 | P one of QUAN 102, STAT 131, 193; one of QUAN 103, 111, MATH 103-114; X QUAN 302 |
| QUAN 203 | Quantitative Methods | 22 | P QUAN 102 or STAT 131 or 193; QUAN 111 (or MATH 113 or 114); X the pair (QUAN 201, STAT 231) |
| QUAN 301 | Econometrics | 24 | P ECON 201 or 202; QUAN 201; QUAN 203 or STAT 231 |
| QUAN 303 | Applied Econometrics | 24 | P ECON 201 or 202; QUAN 203 or STAT 231 or 291 |
| QUAN 304 | Financial Econometrics | 24 | P ECON 201 or 202 or MOFI 201 or 202; QUAN 203 or STAT 231 |
| QUAN 371 | Financial Mathematics | 24 | P MATH 113 or QUAN 111; 44 200-level MATH, OPRE, STAT, ECON, MOFI or QUAN pts; X FINM 371 |
| SCIE 101 | Special Topic | 15 | |
| SCIE 201 | Special Topic | 15 | P permission of relevant Head of School |
| SCIE 202 | Special Topic | 18 | P as for SCIE 201 |
| SCIE 203 | Special Topic | 22 | P as for SCIE 201 |
| SCIE 301 | Directed Individual Study | 24 | P as for SCIE 201 |
| SCIE 302 | Special Topic | 15 | P as for SCIE 201 |
| SCIE 303 | Special Topic | 18 | P as for SCIE 201 |
| SCIE 304 | Special Topic | 24 | P as for SCIE 201 |
| SCIE 305 | Special Topic | 30 | P as for SCIE 201 |
| SCIE 306 | Directed Individual Study | 15 | P as for SCIE 201 |
| SCIE 307 | Directed Individual Study | 18 | P as for SCIE 201 |
| SCIE 308 | Directed Individual Study | 30 | P as for SCIE 201 |
| STAT 131 | Probability and Decision Modelling | 18 | |
| STAT 193 | Statistics for Natural and Social Sciences | 18 | X QUAN 102, STAT 231 |

| STAT 231 | Statistics | 22 | P either MATH 113, 114, STAT 131 or a comparable background in mathematics and statistics; X the pair (QUAN 201, 203) |
|---|---|---|---|
| STAT 291 | Applied Statistics | 22 | P STAT 193 or a comparable background in statistics |
| STAT 331 | Statistics | 24 | P MATH 206, 207, STAT 231 |
| STAT 333 | Probability and Random Processes | 24 | P MATH 206, STAT 231 |
| STAT 334 | Special Topic | 24 | P 22 approved 200/300-level pts |
| STAT 338 | Multivariate Statistics | 24 | P STAT 291 |
| STAT 339 | Special Topic | 24 | P 22 approved 200/300-level pts |
| STAT 392 | Sample Surveys | 24 | P STAT 193 (or equivalent); 44 approved 200/300-level pts; X STAT 439 |
| TECH 101 | Nanotechnology and Smart Materials | 18 | |
| TECH 102 | Foundations of Digital Technology | 18 | X ENGR 101 |
| TECH 302 | Technology Development and Management | 24 | P 36 200-level pts in PHYS, CHEM, BTEC or TECH courses; X TECH 301 |

# Conjoint BCA/BSc

## Conjoint Bachelor of Commerce and Administration and Bachelor of Science Programme

> *Note:  For details of this programme refer to the Statute under the Faculty of Commerce and Administration.*

# Conjoint BSc/BTeach

## Statute for the Conjoint Bachelor of Science and Bachelor of Teaching Programme

> *Note:  The BTeach degree is not offered separately.*

This statute is to be read in conjunction with the Personal Courses of Study Statute.

### Entry Requirements

1.  (a)  Admission to the conjoint BSc/BTeach programme normally occurs in a candidate's first year of study at university and requires that the candidate be accepted into the BSc degree and meet the College of Education entry requirements, which include the good character and fitness to teach requirements of the New Zealand Teachers Council. A candidate who has already completed the requirements of the BSc will not be admitted to the conjoint programme.

    (b)  A candidate taking the conjoint programme shall obtain permission to re-enrol for it each year after first admission to the programme. Such permission will normally be given if the student has achieved a B- average over the courses completed in the previous year of study.

### General Requirements

2.  The personal course of study of a candidate for the conjoint BSc/BTeach shall consist of courses from the schedules to first degrees of this University. Except as

provided in section 6 and the Credit Transfer Statute, these courses shall have a total value of at least 534 points, of which:

(a) at least 318 points shall be from courses numbered 200-399, including at least 120 from courses numbered 300-399;

(b) at least 244 points shall be from the BSc schedule, including at least 136 from courses numbered 200-399; and

(c) at least 244 points shall be from the BTeach schedule, including at least 136 from courses numbered 200-399.

A candidate taking the conjoint programme is normally expected to include courses from both the BSc and BTeach schedules in each year of enrolment.

3. The course of study of every candidate shall contain:

(a) enough courses to fulfil the BSc major requirements as set out in section 2 of the BSc Statute for at least one approved teaching subject and including one other approved teaching subject to at least 200-level; and

(b) courses from the BTeach schedule as follows:

CUST 131, 132, 136, 137, 138, 231, 232, 234, 235, 331, 332,

TEAP 131, 132, 231, 232, 253, 331,

either two of CUST 351-368 or (CUST 369, one of CUST 351-368 and one of CUST 377-383).

All current students will be permitted to complete under the new BTeach statutes, substituting CUST 136 for CUST 133, and CUST 234 and 235 for CUST 233 as appropriate.

4. Where in the opinion of the relevant Head of School or Programme Director a candidate has achieved in another course of study a standard equivalent to that required in any compulsory course and cannot obtain corresponding credit under section 6 of this statute or the Credit Transfer Statute, the candidate shall be exempted from that course and shall substitute an approved course of at least the equivalent number of points.

5. Courses from the BTeach schedule are excepted from the Aegrotat Pass provisions in the Assessment Statute. In the event that a candidate is prevented from completing such a course by one of the circumstances specified in section 4.5 of that statute, the candidate will be granted an extension to complete the assessment.

## Cross-crediting

6. At the discretion of the Associate Dean (Students) of the Faculty of Science, a candidate completing a conjoint BSc/BTeach combined with another undergraduate degree may have up to 160 points subtracted from the total points required to complete both separately. In any such case, the overall course of study for the conjoint BSc/BTeach and the other programme shall satisfy the requirements of sections 2 and 3 of this statute and section 11 of the Personal Courses of Study Statute.

# Schedule to the BTeach Statute

*Note:    See the Course of Study Statutes for the Faculty of Education.*

# BSc(Hons)

## Statute for the Degree of Bachelor of Science with Honours

This statute is to be read in conjunction with the Personal Courses of Study Statute.

### Entry Requirements

1. (a) Before enrolment, a candidate for the BSc(Hons) degree shall have:
   (i) completed a degree of this University or, at the discretion of the Associate Dean (Students) of the Faculty of Science, another university;
   (ii) satisfied the prerequisites listed in section 3 for the subject to be presented; and
   (iii) been accepted by the relevant Head of School as capable of proceeding with the proposed course of study.
   (b) Requirement (a)(i) may be waived by the Associate Dean for a candidate who has:
   (i) completed at least 240 points towards a degree at this University and attained a very high standard in the courses numbered 200-399 required by section 2 of the BSc statute; or
   (ii) completed all but 48 points of a Bachelor's degree at this University; or
   (iii) in exceptional cases, produced evidence to the satisfaction of the Associate Dean of extensive practical, professional or scholarly experience of an appropriate kind.

2. (a) If a candidate accepted under section 1(b)(i) fails in the examination for BSc(Hons), but nevertheless reaches a sufficient standard for the BSc, the candidate shall be deemed to have qualified for the BSc degree.
   (b) A candidate accepted under section 1(b)(ii) shall not be awarded a BSc(Hons) until a Bachelor's degree is completed.

3. The subjects for the BSc(Hons) and their prerequisites are as follows.

   **Applied Statistics**
   STAT 338, a further 24 points from OPRE 300-399, STAT 300-399, QUAN 301, 303

   **Biotechnology**
   BTEC 301, TECH 302; at least 18 points from BIOL 361, 362, CHEM 305 or 306

   **Cell and Molecular Bioscience**
   BIOL 361, 362, 45 points from BIOL 334, 335, 339, 340, 341, 342

   **Chemistry**
   CHEM 201, 202, 203, 204, 205, 206; at least 72 points in 300-level CHEM courses, including CHEM 305, 306 and any two of CHEM 301, 302, 303

   **Computer Science**
   60 points from COMP 301-399

   **Conservation Biology**
   60 points in approved courses from BIOL 300-399; STAT 193 or equivalent

   **Ecology and Biodiversity**
   60 points in approved courses from BIOL 300-399; STAT 193

**Courses of Study**

**Electronic and Computer System Engineering**
60 points in approved 300-level courses in PHYS and COMP

**Geography**
48 points in approved courses from GEOG 300-399

**Geology**
Either 90 points from ESCI 301-399, including ESCI 340 (or 341 and 342), or 84 points from GEOL 300-399, including 24 points from GEOL 341-344

**Geomicrobiology**
BIOL 236, BIOL/BMSC 361, BMSC 301; 15 points from ESCI 303, 341-343, GEOL 341-343, 351-352, 370; 30 points from BIOL 334 (or BMSC 304), BIOL 340 (or BMSC 310), BTEC 301

**Geophysics**
60 points in approved courses from ESCI, GEOL, GPHS, MATH or PHYS 301-399

**Logic and Computation**
48 points in approved courses from COMP or MATH 300-399

**Marine Biology**
60 points in approved courses from BIOL 300-399; STAT 193

**Mathematics**
48 points in approved courses from MATH 300-399, not including MATH 371

**Molecular Microbiology**
BIOL 340 (or BMSC 310), BIOL/BMSC 361, BMSC 301, BTEC 201; 20 points from BIOL 236, 334 (or BMSC 304), BTEC 301

**Physical Geography**
GEOG 323; GEOG 318 or 319; a further 24 approved 300-level points from the BSc schedule

**Physics**
(a)  PHYS 304, 305, 307, 309
(b)  One of PHYS 339, 340, 341, or, with the permission of the Head of the School of Chemical and Physical Sciences, one of MATH 301, 322

**Psychology**
At least 66 points from PSYC 201-299 and 72 points from PSYC 301-399

**Statistics and Operations Research**
At least 48 points from OPRE 351, 352, STAT 331, 333

## General Requirements

4.  A candidate for this degree shall normally be enrolled for two trimesters, though with the permission of the relevant Head of School a part-time student may extend the period to four trimesters.

5.  (a)  The personal course of study of a candidate for the BSc(Hons) shall satisfy the requirements for the subject to be presented as set out in section 6, or with such substitutions as may be approved under section 7. The amount of practical work in a subject shall be as determined by the relevant Head of School.

    (b)  A candidate enrolled in a course of study for MSc, who has complied with the statute for a Bachelor's degree with Honours, may be awarded the

appropriate Bachelor's degree with Honours in place of the MSc degree. For the purposes of this statute, a candidate transferring to BSc(Hons) shall be deemed to have commenced a course of study for that degree when first enrolling in the MSc in that subject.

## Subject Requirements

6. The personal course of study of each candidate shall satisfy the requirements for one of the subjects as listed below or with such substitutions as may be approved under section 7. The permission of the relevant Head of School is required before enrolment in any course. The subjects and their requirements are as follows.

### Applied Statistics
(a) APST 438

(b) A further 105 points including at least one of APST 487-489 and an approved combination of APST 400-489, COMP 421, ECON 408, 409, MOFI 405, OPRE 457, ORST 482,483, PSYC 434, PUBL 401, SACS 401, SOSC 403, STAT 400-479 or approved alternatives

### Biotechnology
BTEC 489, 435 and 75 points from BTEC 401-479, BIOL, CHEM or MBIO 400-480 to include at least 15 points from BTEC 401-479

### Cell and Molecular Bioscience
CBIO 489; 90 points in an approved combination from BIOL 430-440

### Chemistry
CHEM 480 and 489; 75 points in an approved combination from CHEM 401-441

### Computer Science
COMP 489; 90 points in an approved combination* from COMP 401-488

*  Up to 30 points may be replaced by approved 300-level courses.

### Conservation Biology
CONB 489; BIOL 420; 60 points in an approved combination from BIOL 403, 404, 421-424. With permission of the Head of School, an approved course may be substituted for one of BIOL 403, 404, 419, 421-424

### Ecology and Biodiversity
(a)  EBIO 489, BIOL 403, 422
(b)  30 points from BIOL 419, 420, 423, 425, 426

Note:   With permission of the Head of School, one of BIOL 404, 427, 428, 430, 440 may be substituted for one course from (b).

### Electronic and Computer System Engineering
ECSE 425, 430, 489; 60 points in an approved combination from ECSE 401-488

### Geography
GEOG 489; 90 points in an approved combination from GEOG 401-488, PHYG 401-488

### Geology
GEOL 489; 90 points in an approved combination from ESCI 401-488, PGEO 401

### Geomicrobiology
MBIO 434, 489; 30 points from BIOL 400-439, MBIO 440; 30 points from ENVI 503-508, ESCI 401-488

Courses of Study

### Geophysics

GPHS 489; 90 points in an approved combination from ESCI 407, 411, GPHS 401-488, MATH 468, PGEO 401, PHYG 404 or approved courses in the BSc(Hons) schedule

### Logic and Computation

120 points in an approved combination from COMP 401-489, MATH 401-489, PHIL 402, including at least 60 points from (COMP 425, 426, 432, MATH 409, 433-435, 439, PHIL 402); up to 30 points may be replaced by approved 300-level courses

### Marine Biology

(a)  BMAR 489, BIOL 422, 423
(b)  30 points from BIOL 403, 419, 420, 421, 425, 426

*Note:  With permission of the Head of School one of BIOL 404, 427, 428, 430 or 440 may be substituted for one course from (b)*

### Mathematics

120 points in an approved combination* from MATH 401-489

*\*  Up to 30 points may be replaced by approved 300-level MATH courses.*

### Molecular Microbiology

BIOL 430, MBIO 434, 489; 30 points from BIOL 400-429, 431-439, BMSC 401, MBIO 440

### Physical Geography

PHYG 489; 90 points in an approved combination from PHYG 404-488 or other approved courses; at least 30 points shall be from PHYG 404-488

### Physics

PHYS 490, 491; 90 points in an approved combination from PHYS 401-488

### Psychology

PSYC 489; 90 points in an approved combination from PSYC 401-488

*Note:  PSYC 451 and 452 are restricted to candidates accepted for the PGDipClinPsyc.*

### Statistics and Operations Research

120 points in an approved combination from OPRE 401-489, ORST 401-489, STAT 401-489, ECON 406-409, FINM 467, SOSC 403; up to 30 points may be replaced by approved 300-level STAT, OPRE, COMP, FINM, MATH or QUAN courses, and at least 60 points shall be from 400-level OPRE, STAT or ORST courses

## Substitution of Courses

7.  With the permission of the relevant Head of School, a candidate may replace up to 60 points' worth of optional courses with substitute courses chosen from those prescribed for postgraduate Honours or Master's degrees. (See the general provisions concerning the substitution of courses in Part 2 of the Personal Courses of Study Statute.)

**Award of Honours**

8. A candidate shall become eligible for the award of Honours in a subject by completing the requirements for the degree within two years of first enrolment for the degree in that subject. (See sections 19 and 20 of the Personal Courses of Study Statute for the general provisions covering the award of Honours.)

## Schedule to the BSc(Hons) Statute

| Course | Title | Pts | Prerequisites (P), Corequisites (C) and Restrictions (X) |
|---|---|---|---|
| APST 438 | Applied Statistics | 15 | P STAT 331 or 338; D STAT 438 |
| APST 439 | Sample Surveys | 15 | P STAT 193 or equivalent, 44 approved 200/300 level points; D STAT 439; X STAT 392 |
| APST 481 | Special Topic 1 | 15 | |
| APST 482 | Special Topic 2 | 15 | |
| APST 487 | Project | 15 | |
| APST 488 | Project | 15 | |
| APST 489 | Project | 30 | |
| BTEC 435 | Biotechnology | 15 | |
| BTEC 436 | Biotechnology/Business Development | 15 | |
| BTEC 440 | Directed Individual Study in Biotechnology | 30 | |
| BTEC 441 | Directed Individual Study in Biotechnology | 15 | |
| BTEC 489 | Research Project | 30 | |
| BIOL 403 | Evolution | 30 | P BIOL 311 or 329 or permission of Head of School |
| BIOL 404 | Environment and Conservation Management | 30 | |
| BIOL 419 | Principles of Marine Conservation | 30 | P 300-level marine biology, ecology or environmental studies or permission of Head of School |
| BIOL 420 | Conservation Ecology | 30 | P 300-level ecology or permission of Head of School |
| BIOL 421 | Human Ecology | 30 | P 60 pts from approved courses |
| BIOL 422 | Ecology | 30 | P as for BIOL 420 |
| BIOL 423 | Marine Biology | 30 | |
| BIOL 424 | New Zealand Conservation Practice | 30 | P 300-level ecology or permission of Head of School |
| BIOL 425 | Biodiversity | 30 | P BIOL 329 or permission of Head of School |
| BIOL 426 | Behavioural Ecology | 30 | P BIOL 328 or permission of Head of School |
| BIOL 427-28 | Special Topics | 30 | P 300-level ecology or permission of Head of School |
| BIOL 430 | Genetics and Molecular Biology | 30 | P 45 pts from BIOL 334-342 or an approved combination of 300-level BMSC courses; X BIOL 401, BCHM 403, BMSC 430 |
| BIOL 431 | Cell Biology | 30 | P as for BIOL 430; X BIOL 406, BMSC 431 |

**Courses of Study**

| | | | |
|---|---|---|---|
| BIOL 432 | Physiology and Pharmacology | 30 | P as for BIOL 430; X BIOL 407, BMSC 432, PHSI 405 |
| BIOL 433 | Human and Clinical Biochemistry | 30 | P as for BIOL 430; X BCHM 404, BMSC 433 |
| BIOL 436-37 | Special Topics | 30 | |
| BIOL 440 | Directed Individual Study | 30 | P permission of Head of School |
| BIOL 489 | Research Project | 30 | |
| BMAR 489 | Research Project | 30 | |
| CBIO 489 | Research Project | 30 | |
| CHEM 421 | Organic and Bio-organic Chemistry | 15 | P CHEM 301 |
| CHEM 422 | Inorganic Chemistry | 15 | P CHEM 302 |
| CHEM 423 | Physical Chemistry | 15 | P CHEM 303 |
| CHEM 424 | Advanced Aspects of Chemistry A | 15 | |
| CHEM 425 | Advanced Aspects of Chemistry B | 15 | |
| CHEM 426-27 | Special Topics | 15 | |
| CHEM 440 | Directed Individual Study | 30 | P permission of Head of School |
| CHEM 441 | Directed Individual Study | 15 | P permission of Head of School |
| CHEM 480 | Research Preparation | 30 | C CHEM 489; X CHEM 580 |
| CHEM 489 | Research Project | 30 | P CHEM 305 or 306 |
| COMP 413 | Distributed Systems | 15 | P two of COMP 305, 306, 310; X ECSE 431 |
| COMP 414 | Advanced Networking | 15 | P 30 pts from COMP 301-399 including COMP 306; X ECSE 432 |
| COMP 415 | Mobile Systems | 15 | P 30 pts from COMP 301-399 including COMP 306 or 310 |
| COMP 417 | Internet Technology | 15 | P COMP 413 |
| COMP 418 | Security | 15 | P COMP 305, 306 |
| COMP 421 | Machine Learning | 15 | P 30 pts from COMP 301-399 including COMP 307 |
| COMP 422 | Data Mining, Neural Networks and Genetic Programming | 15 | P as for COMP 421 |
| COMP 423 | Intelligent Agents | 15 | P as for COMP 421 |
| COMP 425 | Computational Logic | 15 | P 30 pts from COMP 301-399; MATH 309 or PHIL 234/334 (or 211) recommended; X ECSE 433 |
| COMP 426 | Formal Software Development | 15 | P COMP 202, MATH 214, 60 pts from COMP 301-399; MATH 309 or PHIL 234/334 (or 211) recommended |
| COMP 431 | Compiler Design | 15 | P 30 pts from COMP 301-399 including COMP 304 |
| COMP 432 | Functional Programming | 15 | P as for COMP 431 |
| COMP 440 | Directed Individual Study | 15 | P permission of Head of School |
| COMP 441 | Directed Individual Study | 15 | P permission of Head of School |
| COMP 442 | Issues in Databases and Information Systems | 15 | P 30 pts from COMP 301-399 including COMP 302 |
| COMP 443 | Distributed Object Databases | 15 | P as for COMP 442 |
| COMP 444 | Data Mining and Data Warehousing | 15 | P COMP 302, 307 |
| COMP 453 | Human Computer Interaction | 15 | P 30 pts from COMP 301-399 including COMP 311; X ECSE 434 |
| COMP 462 | Object Oriented Paradigms | 15 | P 30 pts from COMP 301-399 including COMP 301 or 304 |

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|---|---|---|---|
| COMP 463 | Advanced Software Engineering | 15 | P 30 pts from COMP 301-399 including COMP 301 |
| COMP 466 | Advanced Software Requirements and Design | 15 | P as for COMP 463 |
| COMP 467 | Software Construction, Evolution and Quality | 15 | P as for COMP 463 |
| COMP 471-73 | Special Topics | 15 | |
| COMP 489 | Research Project | 30 | |
| CONB 489 | Research Project | 30 | |
| EBIO 489 | Research Project | 30 | |
| ECON 406 | Economic Dynamics A | 15 | P 48 approved 300-level ECON/QUAN/ OPRE pts |
| ECON 407 | Economic Dynamics B | 15 | P ECON 406 or an approved background in Economics and Mathematics |
| ECON 408 | Advanced Econometric Theory | 15 | P QUAN 301 or equivalent |
| ECON 409 | Advanced Applied Econometrics | 15 | P ECON 408 |
| ECSE 420 | Continuous-Time Signal Processing | 15 | P MATH 206; X TECH 420, PHYS 420 |
| ECSE 421 | Discrete-Time Signal Processing | 15 | P MATH 206; X TECH 421, PHYS 421 |
| ECSE 422 | Dynamic Systems and Controls | 15 | P MATH 206; X TECH 422, PHYS 422 |
| ECSE 423 | Electronic Design | 15 | P PHYS 340, 341; X TECH 423, PHYS 423 |
| ECSE 425 | Advanced Mechatronic Engineering 1: Hardware and Control | 15 | P PHYS 340 |
| ECSE 426-27 | Special Topics | 15 | |
| ECSE 430 | Advanced Mechatronic Engineering 2: Intelligence and Design | 15 | PHYS 340 |
| ECSE 431 | Distributed Systems Design | 15 | P two of COMP 305, 306, 310; X COMP 413 |
| ECSE 432 | Network Engineering | 15 | P 30 pts from COMP 301-399 including COMP 306; X COMP 414 |
| ECSE 433 | Design of Mobile Systems | 15 | P 30 pts from COMP 301-399 including COMP 306 or 310; X COMP 415 |
| ECSE 434 | Design of User Interfaces | 15 | P 30 pts from COMP 301-399 including COMP 311; X COMP 453 |
| ECSE 440 | Directed Individual Study | 30 | P permission of Head of School |
| ECSE 489 | Research Project | 30 | |
| ESCI 403 | Stratigraphy and Palaeontology | 15 | P ESCI 301 or GEOL 361; X GEOL 403 |
| ESCI 404 | Special Topic | 15 | P 48 300-level points |
| ESCI 406 | Petroleum Geology | 15 | P ESCI 304 or GEOL 364; X GEOL 406 |
| ESCI 407 | Tectonics | 15 | P ESCI 302 or GEOL 362 or 366; X GEOL 407 |
| ESCI 408-09 | Special Topics | 15 | P 24 pts from ESCI 301-399, GEOL 301-399 |
| ESCI 411 | Exploration Geophysics | 15 | P ESCI 305 or GEOL 367; X GEOL 411 |
| ESCI 412 | Quaternary Geology | 15 | P ESCI 301 or GEOL 365; X GEOL 412 |

**Courses of Study**

| | | | |
|---|---|---|---|
| ESCI 413 | Igneous Petrology | 15 | P ESCI 303 or GEOL 363; X GEOL 413 |
| ESCI 414 | Volcanology | 15 | |
| ESCI 415 | Quantitative Earthquake and Volcanic Hazard and Risk Assessment | 15 | P ESCI 414, GPHS 445 |
| ESCI 416 | Metamorphic Petrology | 15 | P ESCI 303 or GEOL 363; X GEOL 414 |
| ESCI 440 | Directed Individual Study | 30 | P permission of Head of School |
| ESCI 441 | Directed Individual Study | 15 | P permission of Head of School |
| FINM 467 | Actuarial Statistics | 15 | P MATH 206/207, STAT 231 |
| GEOG 404 | Geography of Development Studies | 30 | |
| GEOG 406 | Geography of Place, Power and Identity | 30 | |
| GEOG 409 | Contemporary Environmental Resource Management | 30 | X ENVI 502 |
| GEOG 410 | Urban Studies | 30 | |
| GEOG 411 | Special Topic | 30 | |
| GEOG 412 | Economic and Political Change in Europe | 30 | |
| GEOG 440 | Directed Individual Study | 30 | P permission of Head of School |
| GEOG 489 | Research Project | 30 | X GEOG 408 |
| GEOL 489 | Project | 30 | |
| GPHS 402 | Special Topic | 30 | |
| GPHS 420 | Introduction to Dynamical Meteorology | 15 | P MATH 323 |
| GPHS 421 | Mid-latitude Weather Systems | 15 | |
| GPHS 422 | Radiation and Thermodynamics for Meteorology | 15 | |
| GPHS 423 | Cloud Physics and Boundary Layer Meteorology | 15 | |
| GPHS 424 | Satellite Meteorology | 15 | |
| GPHS 425 | Numerical Weather Prediction | 15 | |
| GPHS 430-31 | Special Topics | 15 | |
| GPHS 439 | Directed Individual Study | 15 | P permission of Head of School |
| GPHS 440 | Directed Individual Study | 30 | P permission of Head of School |
| GPHS 441 | Origin and Evolution of the Solid Earth | 15 | X GPHS 405, PHYS 406, 441 |
| GPHS 445 | Introduction to Seismology | 15 | P MATH 323; X GPHS 409 |
| GPHS 446 | Advanced Seismology | 15 | P MATH 323; X GPHS 409 |
| GPHS 447 | Introduction to Geomagnetism | 15 | X GPHS 408, 442, PHYS 406, 442, 447 |
| GPHS 448 | Advanced Topics in Geomagnetism | 15 | X GPHS 408, 443, 444 |
| GPHS 489 | Project | 30 | |
| MATH 409 | Mathematical Logic | 15 | X MATH 309 |
| MATH 431 | Combinatorics 1 | 15 | |
| MATH 432 | Combinatorics 2 | 15 | |
| MATH 433 | Model Theory | 15 | |
| MATH 434 | Set Theory | 15 | |
| MATH 435 | Computability and Complexity | 15 | |
| MATH 436 | Algebra 1 | 15 | |
| MATH 437 | Algebra 2 | 15 | |
| MATH 439 | Category Theory | 15 | |
| MATH 440 | Directed Individual Study | 15 | P permission of Head of School |
| MATH 441 | Analysis 1 | 15 | |
| MATH 442 | Analysis 2 | 15 | |
| MATH 444 | Non-standard Analysis | 15 | |
| MATH 450 | Geometry 1 | 15 | |

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|---|---|---|---|
| MATH 451 | Geometry 2 | 15 | |
| MATH 452 | Topology 1 | 15 | |
| MATH 453 | Topology 2 | 15 | |
| MATH 460 | Directed Individual Study | 15 | P permission of Head of School |
| MATH 461 | Differential Equations | 15 | |
| MATH 462 | Chaotic Dynamics | 15 | |
| MATH 463 | Wavelets | 15 | |
| MATH 464 | Differential Geometry | 15 | P MATH 301 or equivalent mathematical background |
| MATH 465 | General Relativity and Cosmology | 15 | P MATH 464 |
| MATH 468 | Fluid Mechanics | 15 | |
| MATH 480-81 | Special Topics | 30 | |
| MATH 482 | Category Theory | 15 | |
| MATH 483 | Special Topic | 15 | |
| MATH 488 | Project | 15 | X MATH 489 |
| MATH 489 | Project | 30 | X MATH 488 |
| MBIO 434 | Microbiology | 30 | |
| MBIO 440 | Directed Individual Study in Microbiology | 30 | P permission of Head of School; X BIOL 440 |
| MBIO 489 | Research Project | 30 | |
| OPRE 440 | Directed Individual Study | 15 | P permission of Head of School |
| OPRE 454 | Operations Research Applications | 15 | P OPRE 352 or COMP 312 (or COMP 349 in 1998-2003) |
| OPRE 455 | Network Applications in OR | 15 | P OPRE 351 |
| OPRE 456 | Optimisation in OR | 15 | P OPRE 351 |
| OPRE 457 | Stochastic Models | 15 | P OPRE 352 or COMP 312 (or COMP 349 in 1998-2003) |
| OPRE 481 | Special Topic 1 | 15 | |
| OPRE 482 | Special Topic 2 | 15 | |
| ORST 440 | Directed Individual Study | 15 | P permission of Head of School |
| ORST 482 | Special Topic 1 | 15 | |
| ORST 483 | Special Topic 2 | 15 | |
| ORST 484-85 | Special Topics | 15 | |
| ORST 487 | Project 1 | 15 | |
| ORST 488 | Project 2 | 15 | |
| ORST 489 | Project | 30 | |
| PGEO 401 | Basin Analysis | 15 | P ESCI/GEOL 403, 407 |
| PHIL 402 | Logic | 30 | |
| PHYG 404 | Hydrology and Water Resources | 30 | |
| PHYG 414 | Natural Hazards and Risk: Physical and Human Dimensions | 15 | X PHYG 412 |
| PHYG 415 | Special Topic A | 15 | |
| PHYG 416 | Special Topic B | 15 | |
| PHYG 418 | Geomorphology and its Application | 15 | X PHYG 401 |
| PHYG 419 | Natural Hazards and Risk: Processes and Impacts | 15 | X PHYG 412 |
| PHYG 423 | Field Geomorphology | 15 | X PHYG 401 |
| PHYG 440 | Directed Individual Study | 30 | P permission of Head of School |
| PHYG 489 | Research Project | 30 | |
| PHYS 411 | Quantum Mechanics | 15 | X PHYS 403, 322 |
| PHYS 412 | Theoretical Physics | 15 | X PHYS 403 |
| PHYS 413 | Condensed Matter Physics A | 15 | X PHYS 404 |
| PHYS 414 | Condensed Matter Physics B | 15 | X PHYS 404 |

**Courses of Study**

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|---|---|---|---|
| PHYS 415 | Electromagnetism | 15 | X PHYS 410 |
| PHYS 416 | Relativity and Electrodynamics | 15 | X PHYS 410 |
| PHYS 417 | Astrophysics | 15 | |
| PHYS 418 | Special Topic | 15 | |
| PHYS 420 | Signal Processing A | 15 | X TECH 420; ECSE 420 |
| PHYS 421 | Signal Processing B | 15 | X TECH 421; ECSE 421 |
| PHYS 422 | Instrumentation | 15 | X TECH 422; ECSE 422 |
| PHYS 423 | Electronics | 15 | X TECH 423; ECSE 423 |
| PHYS 440 | Directed Individual Study | 15 | P permission of Head of School |
| PHYS 441 | Origin and Evolution of the Solid Earth | 15 | X PHYS 406, GPHS 405, 441 |
| PHYS 447 | Introduction to Geomagnetism | 15 | X PHYS 442, GPHS 408, 442, 447 |
| PHYS 460 | Directed Individual Study | 15 | P permission of Head of School |
| PHYS 490 | Research Project A | 15 | X PHYS 489 |
| PHYS 491 | Research Project B | 15 | X PHYS 489 |
| PSYC 401 | Theory and History of Psychology | 15 | |
| PSYC 402 | Social Psychology | 15 | |
| PSYC 404 | Abnormal Psychology | 15 | |
| PSYC 409 | Fundamentals of Behaviour Analysis | 15 | |
| PSYC 411 | Advanced Topics in Behaviour Analysis | 15 | P PSYC 332 or 409 |
| PSYC 412 | The Psychology of Criminal Conduct 1: Basic Concepts in Criminal Justice and Crime | 15 | |
| PSYC 413 | Cognitive Psychology | 15 | |
| PSYC 415 | Early Cognitive Development | 15 | |
| PSYC 417 | Cognitive Neuropsychology 1: Perception, Attention and Memory | 15 | |
| PSYC 418 | Language and Communication | 15 | |
| PSYC 421 | False Memories | 15 | P PSYC 322 |
| PSYC 422 | Drugs, Brain and Behaviour | 15 | P PSYC 233 |
| PSYC 423 | Culture and Social Behaviour | 15 | |
| PSYC 424 | Drug Addiction | 15 | P PSYC 233 |
| PSYC 425 | Personality and Motivation | 15 | |
| PSYC 426 | Social Psychology and Well-being | 15 | |
| PSYC 427 | Discursive Social Psychology | 15 | |
| PSYC 428 | Feminist Psychology | 15 | |
| PSYC 429 | Psychology of Superstition | 15 | |
| PSYC 430 | Political Psychology | 15 | |
| PSYC 431 | Culture and Human Development | 15 | |
| PSYC 432 | Applied Cross-cultural Psychology | 15 | P PSYC 338 |
| PSYC 433 | Current Issues in Cross-cultural Psychology | 15 | |
| PSYC 434 | Conducting Research across Cultures | 15 | |
| PSYC 435 | Traumatic Memories and Repression | 15 | P PSYC 322 |
| PSYC 436 | Autobiographical Memory | 15 | P PSYC 322 |
| PSYC 437 | Memory Errors | 15 | |
| PSYC 438 | Theories of Violent Offending | 15 | |
| PSYC 439 | Sexual Offending: Theories and Research | 15 | |
| PSYC 440 | Directed Study | 15 | |
| PSYC 441 | Family Psychology | 15 | P PSYC 337 |
| PSYC 442 | The Psychology of Criminal Conduct 2: Areas of Application | 15 | P PSYC 412 |
| PSYC 443 | Autism | 15 | |

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|---|---|---|---|
| PSYC 444 | Behavioural Neuroscience | 15 | |
| PSYC 445 | Cognitive Neuroscience | 15 | P PSYC 233, 327, 444 |
| PSYC 446 | Cognitive Neuropsychology 2: Language and Higher Control | 15 | P PSYC 417 |
| PSYC 447-49 | Special Topics | 15 | |
| PSYC 451 | Clinical Assessment of Adults | 30 | P PSYC 231, 233, 234, 321, 327, 332; X PSYC 450 |
| PSYC 452 | Child and Family Clinical Assessment | 30 | P PSYC 231, 233, 321, 327, 332; X PSYC 450 |
| PSYC 489 | Research Project | 30 | *Note: From 2008, PSYC 325 will be a prerequisite.* |
| SCIE 401 | Special Topic | 15 | P permission of relevant Head of School |
| SCIE 402 | Special Topic | 30 | P as for SCIE 401 |
| SCIE 440 | Directed Individual Study | 30 | P as for SCIE 401 |
| SCIE 441 | Directed Individual Study | 15 | P as for SCIE 401 |
| SOSC 403 | Demography | 30 | |
| STAT 434 | Statistical Inference | 15 | P STAT 331; STAT 333 recommended |
| STAT 435 | Time Series | 15 | P STAT 331 or 333 |
| STAT 436 | Forecasting | 15 | P 48 approved 300-level OPRE, QUAN or STAT pts |
| STAT 437 | Probability | 15 | P STAT 333 |
| STAT 438 | Applied Statistics | 15 | P STAT 331 |
| STAT 439 | Sample Surveys | 15 | P STAT 193 (or equivalent); 44 further approved 200/300-level pts; X STAT 392 |
| STAT 440 | Directed Individual Study | 15 | P permission of Head of School |
| STAT 441 | Stochastic Processes | 15 | P STAT 331 or 333 |
| STAT 460 | Directed Individual Study | 15 | P permission of Head of School |
| STAT 481-82 | Special Topics | 15 | |

# MSc

## Statute for the Degree of Master of Science

This statute is to be read in conjunction with the Personal Courses of Study Statute.

### Entry Requirements

1. (a) Before enrolment, a candidate for the MSc degree shall have:
      (i)  completed a degree or relevant graduate or postgraduate diploma of this University or, at the discretion of the Associate Dean (Students) of the Faculty of Science, another university;
      (ii) satisfied the prerequisites listed in section 2 for the subject to be presented, or been granted exemption from those prerequisites by the relevant Head of School; and
      (iii) been accepted by the Head of School as capable of proceeding with the proposed course of study.
   (b) Requirement (a)(i) may be waived by the Associate Dean for a candidate who has had extensive practical, professional or scholarly experience of an appropriate kind.

2.  The subjects of examination and their prerequisites are as follows.

    **Applied Statistics**
    STAT 338; a further 24 points from OPRE 300-399, STAT 300-399, QUAN 301, 303

    **Biotechnology**
    BTEC 201, 301, TECH 302; at least 18 points from BIOL 361, 362, CHEM 305 or 306

    **Cell and Molecular Bioscience**
    BIOL 361 and 362; either 45 points from BIOL 334, 335, 339, 340, 341, 342 or an approved combination of 300-level BMSC courses

    **Chemistry**
    138 points in CHEM or other approved courses numbered 200-399, including at least 60 points at 300 level

    **Cognitive and Behavioural Neuroscience**
    BIOL/BMSC 114; at least 66 points from PSYC 201-299, including PSYC 231, 232 and 233; at least 72 points from PSYC 301-399, including PSYC 325 and 327

    **Computer Science**
    60 points from COMP 301-399

    **Conservation Biology**
    60 points in approved courses from BIOL 300-399; STAT 193 or equivalent

    **Cross-cultural Psychology**
    At least 66 points from PSYC 201-299 and 72 points from PSYC 301-399, including PSYC 325 or an equivalent

    **Ecological Restoration**
    60 points in approved courses from BIOL 300-399; STAT 193 or equivalent

    **Ecology and Biodiversity**
    60 points in approved courses from BIOL 300-399; STAT 193

    **Electronic and Computer System Engineering**
    60 points in approved 300-level courses in PHYS and COMP

    **Geography**
    48 points in approved courses from GEOG 300-399

    **Geology**
    Either 90 points from ESCI 301-399, including ESCI 340 (or 341 and 342); or 84 points from GEOL 300-399, including 24 points from GEOL 341-344

    **Geomicrobiology**
    BIOL 236, BIOL/BMSC 361, BMSC 301; 15 points from ESCI 303, 340-342; GEOL 341-343, 351-352, 370; 30 points from BIOL 334 (or BMSC 304), BIOL 340 (or BMSC 310), BTEC 301

    **Geophysical Hazard Monitoring**
    48 points in approved courses from ESCI, GEOL, GPHS, MATH or PHYS 301-399

    **Geophysics**
    60 points in approved courses from ESCI, GEOL, GPHS, MATH or PHYS 301-399

**Heritage Materials Science**
60 points in approved 300-level courses with the equivalent of 36 points in 100-level chemistry

**Logic and Computation**
48 points in approved 300-level MATH or COMP courses

**Marine Biology**
60 points in approved courses from BIOL 300-399; STAT 193

**Mathematics**
48 points in approved courses from MATH 300-399, excluding MATH 371

**Mathematics Education**
Completion of BSc(Hons) or BA(Hons) in Mathematics or Statistics and Operations Research

**Molecular Microbiology**
BIOL 340 (or BMSC 310), BIOL/BMSC 361, BMSC 301, BTEC 201; 20 points from BIOL 236, 334 (or BMSC 304), BTEC 301

**Petroleum Geoscience**
Either 90 points from ESCI 301-399, including ESCI 340 (or 341 and 342); or 84 points from GEOL 300-399, including 24 points from GEOL 341-344

**Physical Geography**
GEOG 318 or 319; GEOG 323; a further 24 approved 300-level points from the BSc schedule

**Physics**
(a) PHYS 304, 305, 307, 309
(b) One of PHYS 339, 340, 341, or, with the permission of the Head of School, MATH 301 or 322

**Psychology**
At least 66 points from PSYC 201-299 and 72 points from PSYC 301-399

**Science Education**
A BSc(Hons) degree

**Statistics and Operations Research**
At least 48 points from OPRE 351, 352, STAT 331, 333

**Stochastic Processes in Finance and Insurance**
48 points from MATH 312, STAT 331, 333; a further 24 points in approved 300-level MATH, STAT, OPRE, FINM, ECON or MOFI courses

## General Requirements

3. (a) Except as provided in (b) and (c) and in section 6, the course of study for the MSc shall consist of:

   **Part 1:** Approved courses worth at least 120 points from the BSc(Hons) or other schedules;

   **Part 2:** A Master's thesis (see Part 2 of the Personal Courses of Study Statute), or an approved combination of courses, thesis and research project(s).

   Parts 1 and 2 shall be as prescribed in section 5 with both parts being in the same subject, and shall include such practical work as may be determined by

the relevant Head of School. Each part shall contribute at least 40% of the total marks.

(b) A candidate who has completed a degree with Honours or other graduate study to an appropriate level may be admitted directly to Part 2 and need not then offer Part 1.

(c) With the permission of the relevant Head of School, a candidate may commence Part 2 before completing Part 1.

4. (a) A full-time candidate whose course of study includes both parts shall normally be enrolled for at least four trimesters and shall complete the degree within two and a half years of first enrolling in it. For a part-time candidate, the period may be extended pro rata to a maximum of five years.

(b) A full-time candidate shall normally be enrolled in Part 2 for at least two trimesters and shall complete it within one and a half years of first enrolling in it. For a part-time candidate, the latter period may be extended pro rata to a maximum of three years.

(c) The Associate Dean may extend the maximum period in (a) or (b) in special cases.

*Note: The minimum and maximum enrolment periods for Master's degrees are under review at the time of printing. Please check the University website for current regulations.*

## Subject Requirements

5. The requirements for each MSc subject are as follows.

### Applied Statistics
Part 1: (a) APST 438
(b) a further 105 points, including at least one of APST 487-489, and an approved combination from APST 400-489, COMP 421, ECON 408, 409, MOFI 405, OPRE 457, ORST 482, 483, PSYC 434, PUBL 401, SACS 401, SOSC 403, STAT 400-479 or approved alternatives.
Part 2: (a) Thesis (APST 591); or
(b) Thesis (APST 592) with the addition of 30 points from APST 501-3 or approved courses.

### Biotechnology
Part 1: BTEC 580, 435 and 75 points from BTEC 401-479, BIOL, CHEM or MBIO 400-480 to include at least 15 points from BTEC 401-479
Part 2: BTEC 591

### Cell and Molecular Bioscience
Part 1: CBIO 580; 90 points in approved courses from BIOL 430-440
Part 2: CBIO 591

### Chemistry
Part 1: CHEM 580; 90 points in approved courses from CHEM 401-488
Part 2: CHEM 591

### Cognitive and Behavioural Neuroscience
Part 1: CBNS 580; 90 points from PSYC 404, 417, 422, 424, 444, 445, 446, 448, BIOL/BMSC 432, BIOL/BMSC 433

*Note: Up to 30 points from approved 400-level PSYC, BIOL or BMSC courses may be substituted for the listed PSYC, BIOL or BMSC courses.*

Part 2: CBNS 591

## Computer Science

Part 1: 120 points in approved courses from COMP 401-489; up to 30 points may be replaced by approved 300-level courses

Part 2: COMP 591

## Conservation Biology

Part 1: BIOL 580; BIOL 420; 60 points in approved courses from BIOL 403, 404, 419, 421-424

Part 2: CONB 591

## Cross-cultural Psychology

Part 1: PSYC 433, 434, CPSY 580; at least 30 points from PSYC 423, 431, 432; a further 30 points from PSYC 401-448 or other approved courses.

*Note: With permission of the Head of School up to 60 points may be replaced by approved courses at the University of Hawaii or other approved institutions.*

Part 2: CPSY 591

## Ecological Restoration

Part 1: ERES 525, 526, 580; 30 points in an approved combination from BIOL 403, 404, 419, 421-440, ENVI 503-508, or other courses approved by the Head of School

Part 2: ERES 591

## Ecology and Biodiversity

Part 1: BIOL 580; 90 points in approved courses from BIOL 403, 404, 419-423, 425-428, 430, 440

Part 2: EBIO 591

## Electronic and Computer System Engineering

Part 1: ECSE 425, 430, 580; a further 60 points in an approved combination from ECSE 420-440

Part 2: ECSE 591

## Geography

Part 1: GEOG 580; 90 points in approved courses from GEOG 401-488, PHYG 401-488

Part 2: GEOG 591

## Geology

Part 1: GEOL 580; 90 points in approved courses from ESCI 401-488, PGEO 401

Part 2: GEOL 591

## Geomicrobiology

Part 1: MBIO 434, 580; 30 points from BIOL 400-439, MBIO 440; 30 points from ENVI 503-508, ESCI 401-488

Part 2: MBIO 591

## Geophysical Hazard Monitoring

Part 1: GPHS 445, 581, ESCI 414; a further 60 points from an approved combination of 400-level COMP, ESCI, GPHS, MATH, PHYG, PHYS and STAT courses

Part 2: GPHS 591

**Geophysics**
Part 1:  GPHS 580; 90 points in approved courses from ESCI 407, 411, GPHS 401-488, MATH 468, PGEO 401, PHYG 404
Part 2:  GPHS 591

**Heritage Materials Science**
Part 1:  HMSC 501, 502, 580; and either
       (i) HMSC 561 and 15-30 points in approved courses from CHEM 407-440, MBIO 434, ARTH 401-488, HMSC 562-563, MHST 501-554, MAOR 502-588; or
      (ii) HMSC 562 and a further 30 points in approved courses from the list under (i) above
Part 2: HMSC 591

**Logic and Computation**
Part 1:  120 points in approved courses from COMP 401-489, MATH 401-489, PHIL 402, including at least 60 points from COMP 425, 426, 432, MATH 409, 433-435, PHIL 402; up to 30 points may be replaced by approved 300-level courses
Part 2:  LOCO 591

**Marine Biology**
Part 1:  BIOL 580; 90 points in approved courses from BIOL 403, 404, 419-423, 425-428, 430, 440
Part 2:  BMAR 591

**Mathematics**
Part 1:  120 points in approved courses from MATH 401-489; up to 30 points may be replaced by approved 300-level MATH courses
Part 2:  Either (a) MATH 591 with the possible addition of MATH 548 and/or 549, or (b) MATH 592

**Mathematics Education**
Part 2:  MXED 591

**Molecular Microbiology**
Part 1:  BIOL 430, MBIO 434, 580; 30 points from BIOL 400-429, 431-439, BMSC 401, MBIO 440
Part 2:  MBIO 591

**Petroleum Geoscience**
Part 1:  PGEO 401, 511, 580; ESCI 403, 406, 407, 411
Part 2:  PGEO 591

**Physical Geography**
Part 1:  PHYG 580; 90 further points from PHYG 404-488, of which up to 30 points may be replaced by other approved courses
Part 2:  PHYG 591

**Physics**
Part 1:  PHYS 490, 491; 90 points in approved courses from PHYS 401-488
Part 2:  PHYS 591

**Psychology**
Part 1:  PSYC 489; 90 points in approved courses from PSYC 401-488
Part 2:  PSYC 591

**Science Education**

Part 2: SCED 591

**Statistics and Operations Research**

Part 1: At least 60 points from 400-level OPRE, STAT or ORST courses; a further 60 points in approved courses from (OPRE 401-489, STAT 401-489, ECON 406-409, 508-509, FINM 467, SOSC 403), of which up to 30 points may be replaced by approved 300-level STAT, OPRE, COMP, FINM, MATH or QUAN courses

Part 2: (a) Thesis (ORST 591); or
(b) Thesis (ORST 592) with the addition of 30 points from approved courses*; or
(c) Thesis (ORST 595) with the addition of 60 points from approved courses*; or
(d) Research Project (ORST 588) and 90 points from approved courses*

\* *ORST 501-506, all 400-level OPRE, ORST or STAT courses, ECON 406-409, 508, 509, FINM 467, SOSC 403.*

**Stochastic Processes in Finance and Insurance**

Part 1: 120 points in an approved combination from MATH 441, 442, 461-463, OPRE 451-459, ORST 482-485, STAT 431-459, ECON 406-409, FINM 465-472, MOFI 401, 402, 405-407, SOSC 403, including at least 60 points from MATH 441, 442, OPRE 457, STAT 435, 437, 441, FINM 467; up to 30 points may be replaced by approved 300-level courses

Part 2: SPFI 591

## Substitution of Courses

6. A candidate may, with the permission of the relevant Head of School, replace optional courses with substitute courses chosen from those offered for postgraduate Honours or Master's degrees. (See Part 2 of the Personal Courses of Study Statute for the general provisions concerning the substitution of courses.)

## Award of Honours, Distinction or Merit

7. (a) The MSc may be awarded with Honours as described in sections 19 and 20 of the Personal Courses of Study Statute. To be eligible, a candidate shall complete Parts 1 and 2 of the degree within two and a half years of first enrolling for the degree in that subject. For part-time students the period may be extended pro rata to a maximum of five years.

   (b) A candidate who is not eligible for Honours may be awarded the MSc with Distinction or Merit as described in sections 19 and 21 of the Personal Courses of Study Statute. To be eligible, a candidate shall complete all work for Part 2 within one year and six months from the date of first enrolment in Part 2. For part-time students the period may be extended pro rata to a maximum of three years.

**Courses of Study**

## Schedule to the MSc Statute

| Course | Title | Pts | Restrictions (X) |
|---|---|---|---|
| **Part 1** | | | |
| BIOL 580 | Research Preparation | 30 | |
| BTEC 580 | Research Preparation | 30 | |
| CBIO 580 | Research Preparation | 30 | |
| CHEM 580 | Research Preparation | 30 | X CHEM 480 |
| CBNS 580 | Research Preparation | 30 | |
| COMP 489 | Research Project | 30 | |
| CPSY 580 | Research Preparation | 30 | |
| ECSE 580 | Research Preparation | 30 | |
| ERES 525 | Ecological Restoration | 30 | |
| ERES 526 | Ecological Restoration Practicum | 30 | |
| ERES 527 | Ecological Restoration and Conservation Skills | 30 | |
| ERES 580 | Research Preparation | 30 | |
| GEOG 580 | Research Preparation | 30 | |
| GEOL 580 | Research Preparation | 30 | |
| GPHS 580 | Research Preparation | 30 | |
| GPHS 581 | Practicum | 30 | |
| HMSC 501 | Heritage Materials Science: Principles | 30 | |
| HMSC 502 | Heritage Materials Science: Technology and Analysis | 30 | |
| HMSC 561 | Internship/Practicum | 30 | |
| HMSC 562 | Directed Individual Study 1 | 15 | |
| HMSC 563 | Directed Individual Study 2 | 15 | |
| HMSC 580 | Research Preparation | 15 | |
| MBIO 580 | Research Preparation | 30 | |
| ORST 489 | Project | 30 | |
| PGEO 511 | Technical Petroleum Geoscience | 15 | |
| PGEO 580 | Research Preparation | 30 | |
| PHYG 580 | Research Preparation | 30 | |
| PHYS 490 | Research Project A | 15 | |
| PHYS 491 | Research Project B | 15 | |
| PSYC 489 | Project | 30 | X PSYC 410 |
| | *Note: From 2008, PSYC 325 will be a prerequisite.* | | |
| **Part 2** | | | |
| APST 501 | Directed Individual Study | 15 | |
| APST 502 | Directed Individual Study | 15 | |
| APST 503 | Directed Individual Study | 30 | |
| APST 591 | Thesis | 120 | |
| APST 592 | Thesis | 90 | |
| BMAR 591 | Thesis in Marine Biology | 120 | |
| BTEC 591 | Thesis in Biotechnology | 120 | |
| CBIO 591 | Thesis in Cell and Molecular Bioscience | 120 | |
| CBNS 591 | Thesis in Cognitive and Behavioural Neuroscience | 120 | |
| CHEM 591 | Thesis in Chemistry | 120 | |
| COMP 591 | Thesis in Computer Science | 120 | |
| CONB 591 | Thesis in Conservation Biology | 120 | |
| CPSY 591 | Thesis in Cross-cultural Psychology | 120 | |
| EBIO 591 | Thesis in Ecology and Biodiversity | 120 | |
| ECSE 591 | Thesis in Electronic and Computer System Engineering | 120 | |

| | | |
|---|---|---|
| ERES 591 | Thesis in Ecological Restoration | 120 |
| GEOG 591 | Thesis in Geography | 120 |
| GEOL 591 | Thesis in Geology | 120 |
| GPHS 591 | Thesis in Geophysics | 120 |
| HMSC 591 | Thesis in Heritage Materials Science | 120 |
| LOCO 591 | Thesis in Logic and Computation | 120 |
| MATH 548-49 | Special Topics in Mathematics | 15 |
| MATH 591 | Thesis in Mathematics | 90/105/120 |
| MATH 592 | Advanced Course of Study in Mathematics | 120 |
| MXED 591 | Thesis in Mathematics Education | 120 |
| MATH 592 | Advanced Course of Study in Mathematics | 120 |
| MBIO 591 | Thesis in Microbiology | 120 |
| ORST 501-02 | Directed Individual Study | 15 |
| ORST 503-04 | Special Topics | 15 |
| ORST 505 | Directed Individual Study | 30 |
| ORST 506 | Special Topic | 30 |
| ORST 588 | Research Project | 30 |
| ORST 592 | Thesis | 90 |
| ORST 595 | Thesis | 60 |
| ORST 591 | Thesis | 120 |
| PGEO 591 | Thesis in Petroleum Geoscience | 120 |
| PHYG 591 | Thesis in Physical Geography | 120 |
| PHYS 591 | Thesis in Physics | 120 |
| PSYC 591 | Thesis in Psychology | 120 |
| SCED 591 | Thesis in Science Education | 120 |
| SPFI 591 | Thesis in Stochastic Processes in Finance and Insurance | 120 |

# GDipSc

## Statute for the Graduate Diploma in Science

This statute is to be read in conjunction with the Personal Courses of Study Statute.

### Entry Requirements

1.  (a) Before enrolment, a candidate for the GDipSc shall have:
     (i) completed a BSc degree; and
     (ii) been accepted by the relevant Head of School as capable of proceeding with the proposed course of study.
    (b) Requirement (a)(i) may be waived by the Head of School for a candidate who has completed another Bachelor's degree.

### General Requirements

2.  (a) The course of study for the diploma shall be a coherent programme approved by the Associate Dean (Students) of the Faculty of Science on the recommendation of the relevant Head of School. It shall include at least 116 points from courses offered for the BSc, BSc(Hons) or MSc degrees and numbered 200-579 or 889, of which at least 72 points shall be at 300-level or above. At the discretion of the Associate Dean, up to 48 points may be

replaced by approved courses from other programmes offered at this University.

(b) At the discretion of the Associate Dean, courses passed for a Certificate of Proficiency may be credited to the diploma.

3. A candidate shall normally be enrolled for at least two trimesters and shall complete the requirements of the diploma within four years of first enrolling in it. The Associate Dean may extend the maximum period in special cases.

*Note: The actual time taken to complete the diploma will depend on the need to pass prerequisites and the timetabling of courses. No guarantee is given that every specialisation can be completed within two trimesters.*

## Specialisations

4. The diploma will be endorsed with at most one specialisation if the candidate's personal course of study includes courses as listed below.

**Cell and Molecular Bioscience**
CBIO 889; one approved course from BIOL 400-488

**Chemistry**
CHEM 889; one approved course from CHEM 400-488

**Computer Science**
COMP 889; two approved courses from COMP 400-488

**Conservation Biology**
CONB 889; one approved course from BIOL 400-488

**Ecology and Biodiversity**
EBIO 889; one approved course from BIOL 400-488

**Electronics**
PHYS 889; two courses from PHYS 420-423

**Geography**
GEOG 889; one approved course from GEOG 400-488

**Geology**
GEOL 889; 30 points from ESCI 401-488

**Geophysics**
GPHS 889; two approved courses numbered 400-488

**Hydrology**
ESCI 889; PHYG 404

**Logic and Computation**
LOCO 889; 30 points from COMP, MATH or PHIL 400-488

**Marine Biology**
BMAR 889; one approved course from BIOL 400-488

**Mathematics**
MATH 889; two approved courses from MATH 400-488

**Mathematics of Finance and Insurance**
48 points in approved courses from MATH, OPRE, ORST, STAT 300-489; at least 30 points from MOFI 201, 301, 305, 401, 402, 405-407, QUAN 304, 371, ECON 406-409, FINM 465-472

**Modelling with Differential Equations**
MATH 461, 462, 889

**Petroleum Geology and Geochemistry**
GEOL 889; ESCI 406 and one further course from ESCI 401-488

**Physical Geography**
ESCI 889; 30 points from PHYG 404-488

**Physics**
PHYS 889; two approved courses from PHYS 400-488

**Psychology**
PSYC 889; one approved course from PSYC 400-488

**Statistics and Operations Research**
ORST 889; 30 points from ECON, FINM, OPRE, ORST, STAT 400-488, SOSC 403

**Volcanology**
GEOL 889; ESCI 414 and one further course from ESCI 401-488.

5. A candidate who has passed for some other qualification one or more of the courses required for a particular specialisation under section 4 will be given the appropriate exemptions and allowed to substitute an approved course or courses if necessary to meet the points requirements of section 2(a).

## Schedule to the GDipSc Statute

| Course | Title | Pts |
| --- | --- | --- |
| BIOL 889 | Project | 30 |
| BMAR 889 | Project | 30 |
| BMSC 889 | Project | 30 |
| CBIO 889 | Project | 30 |
| CHEM 889 | Project | 30 |
| COMP 889 | Project | 30 |
| CONB 889 | Project | 30 |
| EBIO 889 | Project | 30 |
| ESCI 889 | Project | 30 |
| GEOG 889 | Project | 30 |
| GEOL 889 | Project | 30 |
| GPHS 889 | Project | 30 |
| LOCO 889 | Project | 30 |
| MATH 889 | Project | 30 |
| ORST 889 | Project | 30 |
| PHYS 889 | Project | 30 |
| PSYC 889 | Project | 30 |

**Courses of Study**

# BBmedSc

## Statute for the Degree of Bachelor of Biomedical Science

This statute is to be read in conjunction with the Personal Courses of Study Statute.

### General Requirements

1.  (a) The personal course of study of a candidate for the BBmedSc degree shall, except as provided in section 3 below or the Credit Transfer Statute, consist of courses from the BBmedSc schedule or the schedules to other first degrees of this University having a total value of at least 360 points, of which at least 180 shall be for courses numbered 200-399.

    (b) The personal course of study of every candidate shall include:

    **Part 1**
    (i) BIOL 111, BMSC 114, 117, CHEM 103, 104, PSYC 122, and either STAT 193 or MATH 113;
    (ii) BMSC 240, 241, 243, 261;

    *Note: A candidate who has achieved excellence in four NCEA Level 3 external standards or scholarship level Chemistry may substitute another course for CHEM 103.*

    **Part 2**

    The courses listed for one of the specialisations in section 2.

### Specialisations

2.  The course of study for each candidate shall satisfy the requirements for at least one specialisation as listed below.

    **Human Genetics**
    (a) BMSC 116, 202, 239, 252, 262, 339, 340, 341, 342, 361
    (b) At least 15 further points from 300-level BMSC courses

    **Molecular Pathology**
    BMSC 116, 202, 252, 262, 301, 323, 334, 335, 340, 361

    **Molecular Pharmacology and Medicinal Chemistry**
    BMSC 239, 335, 354, 362, CHEM 201, 204, 205, 301, 305

### Cross-crediting

3.  At the discretion of the Associate Dean (Students) of the Faculty of Science:
    (a) a candidate completing a BBmedSc degree combined with another undergraduate degree or conjoint degree programme may have up to 160 points subtracted from the total points required to complete both separately;
    (b) a candidate completing a BBmedSc degree combined with a double degree programme may have up to 240 points subtracted from the total points required to complete all three degrees separately.

    In either case, the overall course of study for the BBmedSc and the other programme shall satisfy the requirements of sections 1 and 2 of this statute and section 11 of the Personal Courses of Study Statute.

## Schedule to the BBmedSc Statute

| Course | Title | Pts | Prerequisites (P), Corequisites (C), Double-labellings (D) and Restrictions (X) |
|---|---|---|---|
| BMSC 114 | Introduction to Human Biology | 18 | X BIOL 114 |
| BMSC 116 | Human Reproduction, Evolution and Sexuality | 15 | X BIOL 116 |

| BMSC 117 | The Biology of Disease | 15 | |
|----------|------------------------|-----|-----|
| BMSC 202 | Introduction to Pathology | 11 | P BIOL 111, BMSC 114, 117 |
| BMSC 239 | Proteins and Enzymes | 18 | P CHEM 103 or 104; D BIOL 239;<br>X BMSC 209 |
| BMSC 240 | Metabolism | 18 | P BIOL 111; CHEM 103 or 104;<br>D BIOL 240; X BMSC 210 |
| BMSC 241 | Heredity and Gene Expression | 18 | P BIOL 111; D BIOL 241; X BMSC 211 |
| BMSC 243 | Physiology and Pharmacology | 18 | P BIOL 111, BIOL/BMSC 114; CHEM 103<br>or 104; D BIOL 243; X BMSC 213 |
| BMSC 252 | Cell and Developmental Biology | 18 | P BIOL 111, BIOL/BMSC 114; D BIOL 252;<br>X BMSC 212 |
| BMSC 261 | Biomedical Laboratory<br>Techniques 1 | 12 | P BIOL 111; CHEM 103 or 104;<br>D BIOL 261 |
| BMSC 262 | Biomedical Laboratory<br>Techniques 2 | 12 | P BIOL 111; CHEM 103 or 104;<br>D BIOL 262 |
| BMSC 301 | Medical Microbiology | 15 | P either BMSC 117, (BMSC 210 or 240) or<br>BIOL 236 or BTEC 201 |
| BMSC 323 | Systems Pathology | 15 | P BMSC 202, BMSC 335 (or 305) |
| BMSC 334 | Cell and Immunobiology | 9 | P BMSC 252 (or 212) or equivalent<br>background; D BIOL 334;<br>X BIOL/BMSC 304 |
| BMSC 335 | Advanced Physiology | 18 | P BMSC 243 (or 213) ; D BIOL 335;<br>X BIOL 305, BMSC 305 |
| BMSC 339 | Cellular Regulation | 18 | P BMSC 239, 240 (or BMSC 209, 210);<br>D BIOL 339; X BIOL/BMSC 309 |
| BMSC 340 | Genes and Genomes | 18 | P BMSC 241 (or 211); D BIOL 340;<br>X BIOL/BMSC 310 |
| BMSC 341 | Genetics | 9 | P BMSC 241 (or 211); D BIOL 341;<br>X BIOL 311, BMSC 312 |
| BMSC 342 | Human Molecular Genetics | 9 | P BMSC 341 (or 312); C BMSC 340;<br>D BIOL 342; X BIOL 311, BMSC 353 |
| BMSC 354 | Pharmacology | 18 | P at least 25 pts from BIOL/BMSC 239,<br>240, 243, BMSC 209, 210, 213,<br>CHEM 204, 205 |
| BMSC 361 | Advanced Biomedical Laboratory<br>Techniques 1 | 18 | P BMSC 261, 262; D BIOL 361;<br>X BIOL 303, 304, 305, 309, 310, 311 |
| BMSC 362 | Advanced Biomedical Laboratory<br>Techniques 2 | 18 | P BMSC 261 or (CHEM 205, BMSC 239 (or<br>209)); D BIOL 362; X BIOL 303, 304, 305,<br>309, 310, 311 |

**Courses of Study**

# BBmedSc(Hons)

## Statute for the Degree of Bachelor of Biomedical Science with Honours

This statute is to be read in conjunction with the Personal Courses of Study Statute.

### Entry Requirements

1. (a) Before enrolment, a candidate for the BBmedSc(Hons) degree shall have:
    (i) completed a degree of this University or, at the discretion of the Associate Dean (Students) of the Faculty of Science, another university;
    (ii) obtained at least 180 points from courses numbered 200-399 in the BBmedSc schedule;

(iii) satisfied the requirements of at least one specialisation as listed in section 2 of the BBmedSc statute or equivalent; and

(iv) been accepted by the Head of the School of Biological Sciences, subject to appeal to the Associate Dean, as capable of proceeding with the proposed course of study.

(b) Requirement (a)(i) may be waived by the Associate Dean for a candidate who has:

(i) completed all but 48 points of a Bachelor's degree at this University; or

(ii) in exceptional cases, produced evidence to the satisfaction of the Associate Dean of extensive practical, professional or scholarly experience of an appropriate kind.

2. A candidate accepted under section 1(b)(i) shall not be awarded a BBmedSc(Hons) until the Bachelor's degree has been completed.

## General Requirements

3. A candidate for this degree shall normally be enrolled for two trimesters, though with the permission of the Head of School a part-time student may extend the period to four trimesters. Further extensions may be granted in special cases by the Associate Dean.

4. (a) The personal course of study of a candidate for the BBmedSc(Hons) shall include the following, or such substitutions as may be approved under section 5:

BMSC 401, 489; two courses from BMSC 430-433.

The amount of practical work shall be as determined by the Head of School.

(b) A candidate enrolled in a course of study for MBmedSc, who has complied with the statute for the BBmedSc(Hons), may be awarded a BBmedSc(Hons) degree in place of the Master's degree. For the purposes of this statute a candidate transferring to BBmedSc(Hons) shall be deemed to have commenced a course of study for that degree when first enrolling in the MBmedSc in that subject.

## Substitution of Courses

5. With the permission of the Head of School, a candidate may replace up to two optional courses with substitute courses chosen from those prescribed for BSc(Hons) or MSc, or for equivalent qualifications from an approved tertiary institution. (See the general provisions concerning the substitution of courses in Part 2 of the Personal Courses of Study Statute.)

## Award of Honours

6. A candidate shall become eligible for the award of Honours by completing the requirements for the degree within two years of first enrolment for the degree. (See sections 19 and 20 of the Personal Courses of Study Statute for the general provisions covering the award of Honours.)

### Schedule to the BBmedSc(Hons) Statute

| Course | Title | Pts | Prerequisites (P) and Restrictions (X) |
|---|---|---|---|
| BMSC 401 | Advanced Topics in Biomedical Science | 30 | P 45 pts from an approved combination of 300-level BMSC, BIOL or CHEM courses |
| BMSC 402 | Special Topic | 30 | P as for BMSC 401 |
| BMSC 430 | Genetics and Molecular Biology | 30 | P as for BMSC 401; X BCHM 403, BIOL 401, 430 |
| BMSC 431 | Cell Biology | 30 | P as for BMSC 401; X BIOL 406, 431 |
| BMSC 432 | Physiology and Pharmacology | 30 | P as for BMSC 401; X BIOL 407, 432, PHSI 405 |
| BMSC 433 | Human and Clinical Biochemistry | 30 | P as for BMSC 401; X BCHM 404, BIOL 433 |
| BMSC 440 | Directed Individual Study | 30 | P permission of Head of School |
| BMSC 489 | Biomedical Science Research Project | 30 | P BMSC 361 or CHEM 305 |

# MBmedSc

## Statute for the Degree of Master of Biomedical Science

This statute is to be read in conjunction with the Personal Courses of Study Statute.

### Entry Requirements

1. (a) Before enrolment, a candidate for the MBmedSc degree shall have:
    (i) completed a degree or relevant graduate or postgraduate diploma of this University or, at the discretion of the Associate Dean (Students) of the Faculty of Science, another university;
    (ii) met the Part 2 requirements as set out in section 2 of the BBmedSc statute, or been granted exemption from those prerequisites by the Head of the School of Biological Sciences; and
    (iii) been accepted by the Head of School as capable of proceeding with the proposed course of study.
   (b) Requirement (a)(i) may be waived by the Associate Dean for a candidate who has had extensive practical, professional or scholarly experience of an appropriate kind.

### General Requirements

2. (a) Except as provided in (b) or in section 4, the course of study for the MBmedSc shall consist of:

   **Part 1:**  BMSC 401; two courses from BMSC 402-449; BMSC 580;

   **Part 2:**  BMSC 591.

   Each part shall contribute at least 40% of the total marks.
   (b) A candidate admitted with a BBmedSc(Hons) degree may be admitted directly to Part 2 and then need not offer Part 1.

3. (a) A full-time candidate whose course of study includes both parts shall normally be enrolled for at least four trimesters and shall complete the degree within two and a half years of first enrolling in it. For a part-time candidate, the period may be extended pro rata to a maximum of five years.

(b) A full-time candidate shall normally be enrolled in Part 2 for at least two trimesters and shall complete it within one and a half years. For a part-time candidate, the period may be extended pro rata to a maximum of three years.

(c) The Associate Dean may extend the maximum period in (a) or (b) in special cases.

*Note: The minimum and maximum enrolment periods for Master's degrees are under review at the time of printing. Please check the University website for current regulations.*

## Substitution of Courses

4. A candidate may, with the permission of the Head of School, replace optional courses with substitute courses chosen from those offered for BSc(Hons) and MSc, or equivalent qualifications from an approved tertiary institution. (See the general provisions concerning the substitution of courses in Part 2 of the Personal Courses of Study Statute.)

## Award of Honours, Distinction or Merit

5. (a) The MBmedSc may be awarded with Honours as described in sections 19 and 20 of the Personal Courses of Study Statute. To be eligible, a candidate shall complete Parts 1 and 2 of the degree within two and a half years of first enrolling for the degree in that subject. For part-time students the period may be extended pro rata to a maximum of five years.

   (b) A candidate who is not eligible for Honours may be awarded the MBmedSc with Distinction or Merit as described in sections 19 and 21 of the Personal Courses of Study Statute. To be eligible, a candidate shall complete all work for Part 2 within one year and six months from the date of first enrolment in Part 2. For part-time students the period may be extended pro rata to a maximum of three years.

## Schedule to the MBmedSc Statute

| Course | Title | Pts |
|--------|-------|-----|
| BMSC 580 | Research Preparation | 30 |
| BMSC 591 | Thesis | 120 |

# GDipBmedSc

## Statute for the Graduate Diploma in Biomedical Science

This statute is to be read in conjunction with the Personal Courses of Study Statute.

## Entry Requirements

1. (a) Before enrolment, a candidate for the GDipBmedSc shall have:
      (i) completed a BBmedSc degree; and
      (ii) been accepted by the Head of the School of Biological Sciences as capable of proceeding with the proposed course of study.

   (b) Requirement (a)(i) may be waived by the Head of School for a candidate who has completed another Bachelor's degree.

### General Requirements

2.  (a)  The course of study for the diploma shall be a coherent programme approved by the Associate Dean (Students) of the Faculty of Science. Except as provided in (b) and (c), the course of study shall consist of courses worth at least 120 points, including:
    (i)  BMSC 889; and
    (ii) at least 90 points from BMSC 200-579, of which at least 48 points shall be at 300-level or above and at least 30 points shall be at 400-level or above.
    (b)  At the discretion of the Associate Dean, up to 48 approved points may be selected from other programmes offered at this University.
    (c)  At the discretion of the Associate Dean, courses passed for a Certificate of Proficiency may be credited to the diploma.

3.  A candidate shall normally be enrolled for at least two trimesters and shall complete the requirements of the diploma within four years of first enrolling in it. The Associate Dean may extend the maximum period in special cases.

    *Note:  The actual time taken to complete the diploma will depend on the need to pass prerequisites and the timetabling of courses. No guarantee is given that the programme can be completed within two trimesters.*

4.  A candidate who has passed for some other qualification one or more of the courses required for the diploma will be given the appropriate exemptions and allowed to substitute an approved course or courses if necessary to meet the points requirement of section 2(a).

## BIT

### Bachelor of Information Technology

*This qualification is not open to new students. See the 2007 Calendar for the current Statute.*

## BScTech

### Statute for the Degree of Bachelor of Science and Technology

This statute is to be read in conjunction with the Personal Courses of Study Statute.

### General Requirements

1.  (a)  The personal course of study of a candidate for the BScTech degree shall, except as provided in section 4 below and the Credit Transfer Statute, consist of courses from the BScTech schedule and the schedules of other first degrees of this University. These courses shall have a total value of at least 480 points, of which:
    (i)  at least 390 shall be selected from the BScTech or BSc schedules; and
    (ii) at least 318 shall be for courses numbered 200-499.

    A candidate shall complete to the satisfaction of the Director of Studies of the BScTech such practical work as may be prescribed.

(b) Before the degree can be awarded a candidate shall have completed employment or work experience of 400 hours approved by the Director, and shall have produced satisfactory evidence of its completion.

(c) The personal course of study of a candidate shall include:

  **Part 1:** TECH 101 or 102; TECH 203, 302, 401, 409;

  **Part 2:** The courses listed for one of the specialisations in section 2.

## Specialisations

2. A candidate shall satisfy the requirements for at least one of the specialisations following.

### Advanced Materials

(a) CHEM 103, 104, MATH 113, 114, PHYS 114, 115

(b) CHEM 202, PHYS 214, 339

(c) Either (CHEM 203, 204, 206) or (PHYS 215, MATH 206)

(d) Either (CHEM 302, 303, 306) or (PHYS 304, 305, 307, 309)

(e) Either (CHEM 422, 423, 480 and one of TECH 411, 412) or (PHYS 413, 414 and TECH 411, 412)

### Chemical Products and Processes

(a) CHEM 103, 104

(b) one of MATH 103, 104, 113, 114

(c) one of PHYS 114, 115, 130, 131, 134

(d) CHEM 201, 202, 203, 204, 205, 206

(e) CHEM 301, 302, 303, 305, 306

(f) CHEM 480 and 30 points from CHEM 421-423

(g) one of TECH 411, 412

### Electronics and Instrumentation

(a) COMP 102, 103, MATH 113, 114, PHYS 114, 115

(b) one of COMP 203, 205, 206

(c) MATH 206, PHYS 214, 215, 234, 235

(d) PHYS 309, 339, 340, 341

(e) TECH 420, 421, 422, 423.

## Cross-crediting

3. At the discretion of the Associate Dean (Students) of the Faculty of Science:

(a) a candidate completing a BScTech combined with another undergraduate degree or conjoint degree programme may have up to 160 points subtracted from the total points required to complete both separately;

(b) a candidate completing a BScTech combined with a double degree programme may have up to 240 points subtracted from the total points required to complete all three degrees separately.

In either case, the overall course of study for the BScTech and the other programme shall satisfy the requirements of sections 1 and 2 of this statute and section 11 of the Personal Courses of Study Statute.

## Award of Honours

4. The BScTech may be awarded with Honours as described in sections 19 and 20 of the Personal Courses of Study Statute to a candidate whose work is judged to be of sufficient merit. The class of Honours shall be determined on the basis of the

candidate's performance in the 300- and 400-level courses; to be eligible, a candidate shall complete those in not more than three consecutive years.

### Schedule to the BScTech Statute

| Course | Title | Pts | Prerequisites (P) and Restrictions (X) |
|---|---|---|---|
| TECH 101 | Nanotechnology and Smart Materials | 18 | |
| TECH 102 | Foundations of Digital Technology | 18 | X ENGR 101 |
| TECH 203 | Computerised Data Acquisition and Analysis | 15 | P 36 100-level PHYS, CHEM, MATH, TECH or COMP pts; X TECH 201, PHYS 216, 217 |
| TECH 302 | Technology Development and Management | 24 | P 36 200-level pts in PHYS, CHEM, BTEC or TECH; X TECH 301 |
| TECH 401 | Research Project | 30 | |
| TECH 409 | Management of Technological Projects | 15 | X MMMS 501, 509 |
| TECH 410 | Work Placement | 0 | |
| TECH 411 | Materials and Technology A | 15 | P 30 300-level PHYS/CHEM pts |
| TECH 412 | Materials and Technology B | 15 | P as for TECH 411 |
| TECH 420 | Signal Processing A | 15 | P MATH 206; X PHYS 420, ECSE 420 |
| TECH 421 | Signal Processing B | 15 | P MATH 206; X PHYS 421, ECSE 421 |
| TECH 422 | Instrumentation | 15 | P PHYS 340, 341; X PHYS 422, ECSE 422 |
| TECH 423 | Electronics | 15 | P PHYS 340, 341; X PHYS 423, ECSE 423 |

## MCompSc

### Statute for the Degree of Master of Computer Science

This statute is to be read in conjunction with the Personal Courses of Study Statute.

### Entry Requirements

1. (a) Before enrolment, a candidate for the MCompSc degree shall have:
   (i) completed a Bachelor's degree;
   (ii) been accepted by the MCompSc Board of Studies as having adequate preparation in Computer Science, either through completion of an appropriate degree or diploma or through professional experience.
   (b) Requirement (a)(i) may be waived by the Associate Dean (Students) of the Faculty of Science for a candidate who has had extensive practical, professional or scholarly experience of an appropriate kind.

### General Requirements

2. Except as provided in section 4 of this statute, the course of study for the MCompSc shall consist of:
   **Part 1:** 180 points in an approved combination from COMP 401-479;
   **Part 2:** COMP 588 (30 points).
3. A candidate for the MCompSc shall normally be enrolled for at least four trimesters and shall complete the degree within six years of first enrolling in it. The Associate Dean may extend the maximum period in special cases.

*Note: The minimum and maximum enrolment periods for Master's degrees are under review at the time of printing. Please check the University website for current regulations.*

### Substitution of Courses

4. With the permission of the Board of Studies, a candidate may replace Part 1 courses worth up to 90 points with substitute courses chosen from:
   (a) 400/500-level courses in subjects other than Computer Science;
   (b) 300-level courses worth at most 45 points in Computer Science or, in exceptional circumstances, in other subjects.

   Note: *See the general provisions concerning the substitution of courses in Part 2 of the Personal Courses of Study Statute.*

### Award of Distinction or Merit

5. The MCompSc may be awarded with Distinction or Merit as described in sections 19 and 21 of the Personal Courses of Study Statute. The award shall be made on the combined results of courses and assessment of practical skills as demonstrated in COMP 588.

# MConBio and PGCertNZCon

## Statute for the Degree of Master of Conservation Biology and the Postgraduate Certificate in New Zealand Conservation

This statute is to be read in conjunction with the Personal Courses of Study Statute.

### Entry Requirements

1. (a) Before enrolment, a candidate for the MConBio degree shall have:
      (i)  completed a degree of a tertiary institution in New Zealand; and
      (ii) been accepted by the Joint Board of Studies as capable of proceeding with the proposed course of study.
   (b) Requirement (a)(i) may be waived by the Associate Dean (Students) of the Faculty of Science for a candidate who has had extensive practical, professional or scholarly experience of an appropriate kind.

### General Requirements

2. The course of study for the MConBio shall include the following.

   **Part 1**
   (a) BIOL 420, 424;
   (b) One further course from BIOL 404, 419, 421-423, 425-428, ENVI 503, 504, 505, or another course approved by the Head of the School of Biological Sciences.

**Part 2**

A course of study at the University of New South Wales (UNSW), complementary in content to that in Part 1, totalling the equivalent of 90 points (24 UNSW units of credit) and comprising BIOS 9211, 9221 and 9231.

3. A candidate shall normally be enrolled for at least three trimesters and shall complete the degree within two years of first enrolling in it. The Associate Dean may extend that maximum period in special cases.

   *Note: The minimum and maximum enrolment periods for Master's degrees are under review at the time of printing. Please check the University website for current regulations.*

4. (a) (i) A candidate who has completed Part 1 of the degree but not Part 2 may be awarded a PGCertNZCon.
      (ii) A candidate who has completed Part 2 of the degree but not Part 1 may be awarded a Postgraduate Certificate in Australian Conservation by the UNSW.
   (b) With the permission of the Joint Board of Studies, a candidate who holds a PGCertNZCon or a Postgraduate Certificate in Australian Conservation may subsequently be permitted to enrol for the remainder of the programme for the MConBio. The candidate shall abandon the postgraduate certificate upon being awarded the MConBio.

## Award of Distinction or Merit

5. The MConBio may be awarded with Distinction or Merit as described in sections 19 and 21 of the Personal Courses of Study Statute.

## Schedule to the MConBio and PGCertNZCon Statute

| Course | Title | Pts | Prerequisites (P) and Restrictions (X) |
| --- | --- | --- | --- |
| BIOL 404 | Environment and Conservation Management | 30 | |
| BIOL 419 | Principles of Marine Conservation | 30 | P 300-level marine biology, ecology or environmental science or permission of Head of School |
| BIOL 420 | Conservation Ecology | 30 | P 300-level ecology or permission of Head of School |
| BIOL 421 | Human Ecology | 30 | P 60 pts from approved courses |
| BIOL 422 | Ecology | 30 | P as for BIOL 420 |
| BIOL 423 | Marine Biology | 30 | |
| BIOL 424 | NZ Conservation Practice | 30 | P as for BIOL 420 |
| BIOL 425 | Biodiversity | 30 | P BIOL 329 |
| BIOL 426 | Behavioural Ecology | 30 | P BIOL 328 |
| BIOL 427-28 | Special Topics | 30 | P 300-level ecology or permission of Head of School |
| ENVI 502 | Contemporary Environmental Resource Management | 30 | X GEOG 409 |
| ENVI 504 | Environmental Economics and Public Policy | 30 | |
| ENVI 505 | Māori Environmental and Resource Management | | |

**Courses offered at the University of New South Wales for the MConBio:**

| BIOS9221 | Australasian Mammals and Conservation |
| BIOS9211 | World Conservation Biology |
| BIOS9231 | Conservation Project |

# MDevStud

## Statute for the Degree of Master of Development Studies

This statute is to be read in conjunction with the Personal Courses of Study Statute.

### Entry Requirements

1.  (a) Before enrolment, a candidate for the MDevStud degree shall have:
        (i) completed a Bachelor's degree; and
        (ii) been accepted by the Director of the Postgraduate Programme in Development Studies as capable of proceeding with the proposed course of study.
    (b) Requirement (a)(i) may be waived by the Associate Dean (Students) of the Faculty of Science for a candidate who has had extensive practical, professional or scholarly experience of an appropriate kind.

### General Requirements

2.  (a) Except as specified in (b) and section 3, the course of study for the MDevStud shall consist of courses worth at least 240 points, including:
        **Part 1**
        (i) DEVE 511, 512, 513, 514;
        (ii) 60 further approved points from the MDevStud schedule.
        **Part 2**
        DEVE 592.
    (b) The Director may approve the substitution of DEVE 589 and one course from (ii) of Part 1 for DEVE 592.

3.  (a) A candidate who holds a Postgraduate Diploma in Development Studies or equivalent may, at the discretion of the Director, omit Part 1 and be admitted directly to Part 2.
    (b) A candidate admitted to Part 2 of the degree under section 3(a) who passes Part 2 shall abandon the PGDipDevStud upon being awarded the MDevStud.

4.  A candidate for the MDevStud shall normally be enrolled for at least two years of full-time study or four years of part-time study, and shall complete the requirements within four years of first enrolling for the diploma or the MDevStud. The Director may extend this maximum period in special cases.

    *Note: The minimum and maximum enrolment periods for Master's degrees are under review at the time of printing. Please check the University website for current regulations.*

### Award of Distinction or Merit

5.  The MDevStud may be awarded with Distinction or Merit as described in sections 19 and 21 of the Personal Courses of Study Statute.

# Schedule to the MDevStud Statute

| Course | Title | Pts | Corequisites (C) and Restrictions (X) |
|--------|-------|-----|---------------------------------------|
| ANTH 412 | Anthropological Perspectives on Development | 30 | |
| BIOL 404 | Environment and Conservation Management | 30 | |
| DEVE 503 | Practicum | 30 | |
| DEVE 511 | Development Theory | 15 | X DEVE 501 |
| DEVE 512 | Development Practice | 15 | X DEVE 501 |
| DEVE 513 | Development Policy | 15 | |
| DEVE 514 | Development Research | 15 | |
| DEVE 540 | Directed Individual Study | 15 | |
| DEVE 560 | Special Topic | 30 | |
| DEVE 561 | Special Topic | 15 | |
| DEVE 589 | Thesis | 90 | |
| DEVE 592 | Thesis | 120 | |
| ECON 414 | Theories of Growth and Development | 15 | C ECON 415 |
| ECON 415 | Topics in Development Economics | 15 | C ECON 414 |
| ENVI 503 | Environmental and Planning Law | 30 | |
| ENVI 504 | Environmental Economics and Public Policy | 30 | |
| ENVI 505 | Māori Environmental and Resource Management | 30 | |
| ENVI 506 | Environment and Conservation Management | 30 | |
| ENVI 507 | Special Topic: Issues in Environment and Development | 30 | |
| ENVI 508 | Climate Change and Energy Issues | 30 | |
| GEOG 404 | Geography of Development Studies | 30 | |
| GEOG 406 | The Geography of Place, Power and Identity | 30 | |
| GEOG 414 | Environment and Business | 30 | |
| INTP 444 | China and the World | 30 | X POLS 444 |
| INTP 445 | Global Civil Society | 30 | X POLS 445 |
| INTP 449 | Regional Integration in East Asia | 30 | |
| MAOR 407 | Kaupapa Tūtahi/Special Topic | 30 | |
| MAPP 554 | Monitoring and Evaluation | 15 | |
| MAPP 558 | Development Policy and Management | 15 | |
| MMBA 553 | Project Management | 15 | |
| PASI 401 | Theory and Methods in Pacific Studies | 30 | |
| PASI 403 | New Zealand Policy and Pacific People | 30 | |
| PHYG 403 | Special Topic | 30 | |
| PHYG 414 | Natural Hazards and Risk: Physical and Human Dimensions | 15 | X PHYG 412 |
| PHYG 419 | Natural Hazards and Risk: Processes and Impacts | 15 | X PHYG 412 |
| POLS 414 | Selected Topic in Comparative Politics | 30 | |
| POLS 416 | Culture, Institutions and Asian Development | 30 | |
| POLS 427 | Special Topic: The Politics of Migration | 30 | |
| POLS 436 | Globalisation | 30 | |
| PSYC 432 | Applied Cross-cultural Psychology | 15 | |
| PSYC 433 | Current Issues in Cross-cultural Psychology | 15 | |
| SOSC 403 | Demography | 30 | |
| STRA 503 | International Political Economy | 15 | |
| STRA 505 | Strategic Culture | 15 | |
| STRA 507 | Conflict Resolution/Peacekeeping | 15 | |
| TOUR 401 | Tourism and Services Management – Recent Advances | 15 | |
| TOUR 409 | Strategy and Tourism Organisation in the Global Economy | 15 | |

**Courses of Study**

# PGDipDevStud

## Statute for the Postgraduate Diploma in Development Studies

This statute is to be read in conjunction with the Personal Courses of Study Statute.

### Entry Requirements

1.  (a) Before enrolment, a candidate for the PGDipDevStud shall have:
        (i)  completed a Bachelor's degree; and
        (ii) been accepted by the Director of the Postgraduate programme in Development Studies as capable of proceeding with the proposed course of study.
    (b) Requirement (a)(i) may be waived by the Associate Dean (Students) of the Faculty of Science for a candidate who has had extensive practical, professional or scholarly experience of an appropriate kind.

### General Requirements (subject to approval)

2.  (a) The course of study for the PGDevStud shall consist of courses worth at least 120 points, including:
        **Part 1:**   DEVE 511, 512, 513, 514;
        **Part 2:**   60 further approved points from the MDevStud schedule.
    (b) The Director may approve the substitution of an approved course for DEVE 514.

3.  A candidate for the PGDipDevStud shall normally be enrolled for one year of full-time study or two years of part-time study, and shall complete the requirements within two years of first enrolling for the diploma or the PGDipDevStud. The Director may extend this maximum period in special cases.

# MEnvStud and PGDipEnvStud

## Statute for the Degree of Master of Environmental Studies and the Postgraduate Diploma in Environmental Studies

This statute is to be read in conjunction with the Personal Courses of Study Statute.

### Entry Requirements

1.  (a) Before enrolment, a candidate for the MEnvStud degree or the PGDipEnvStud shall have:
        (i)  completed a degree of a tertiary institution in New Zealand in a relevant subject; and
        (ii) been accepted by the Convener of the Board of Environmental Studies as capable of proceeding with the proposed course of study.
    (b) Requirement (a)(i) may be waived by the Associate Dean (Students) of the Faculty of Science for a candidate who has had extensive practical, professional or scholarly experience of an appropriate kind.

## General Requirements

2. (a) The course of study for the MEnvStud shall consist of courses worth at least 240 points, including:

    **Part 1**
    (i) ENVI 520 and 521;
    (ii) Any three of ENVI 503-508; one of those may be replaced by 30 points from approved 400/500-level courses

    **Part 2**
    (i) ENVI 512 or, for those with relevant work experience, an additional course selected from those listed under Part 1 above;
    (ii) ENVI 593.

    (b) Practical work shall be carried out in approved organisations under the personal supervision of practitioners approved by the Convener.

    (c) Entry to Part 2 requires the acceptance of a thesis proposal by the School of Earth Sciences Graduate Committee and either a B+ average from Part 1 courses or special permission from the Director.

3. The course of study for the PGDipEnvStud shall comprise Part 1 of the MEnvStud as described in section 2(a).

4. At the discretion of the Associate Dean, a candidate may credit to the diploma or Part 1 of the degree one course passed for a Certificate of Proficiency before enrolment for either qualification.

5. (a) A candidate for the MEnvStud whose course of study includes both parts shall normally complete the degree within four years of first enrolling in it. A candidate whose course of study includes Part 2 only shall normally complete the degree within two years of first enrolment.

    (b) A candidate for the PGDipEnvStud shall normally complete the diploma within two years of first enrolling in the diploma or the MEnvStud.

    (c) The Associate Dean may extend the maximum period in (a) or (b) in special cases.

    *Note: The minimum and maximum enrolment periods for Master's degrees are under review at the time of printing. Please check the University website for current regulations.*

6. (a) A candidate who has completed Part 1 of the degree and not Part 2 may be awarded a PGDipEnvStud.

    (b) With the permission of the Associate Dean, a candidate who holds a PGDipEnvStud may subsequently be admitted to Part 2 of the MEnvStud, provided the candidate abandons the diploma upon being awarded the MEnvStud.

## Award of Distinction or Merit

7. The MEnvStud may be awarded with Distinction or Merit as described in sections 19 and 21 of the Personal Courses of Study Statute.

**Courses of Study**

## Schedule to the MEnvStud Statute

| Course | Title | Pts | Restrictions (X) |
|---|---|---|---|
| ENVI 503 | Environmental and Planning Law | 30 | |
| ENVI 504 | Environmental Economics and Public Policy | 30 | |
| ENVI 505 | Māori Environmental and Resource Management | 30 | |
| ENVI 506 | Environment and Conservation Management | 30 | |
| ENVI 507 | Special Topic | 30 | |
| ENVI 508 | Climate Change and Energy Issues | 30 | |
| ENVI 512 | Practicum | 30 | |
| ENVI 520 | Environmental Management | 15 | X ENVI 502 |
| ENVI 521 | Research Methods for Environmental Studies | 15 | X ENVI 502 |
| ENVI 593 | Thesis | 90 | |

# MMarCon and PGCertMarCon

## Statute for the Degree of Master of Marine Conservation and the Postgraduate Certificate in Marine Conservation

This statute is to be read in conjunction with the Personal Courses of Study Statute.

### Entry Requirements

1. (a) Before enrolment, a candidate for the MMarCon degree or the PGCertMarCon shall have:
   (i) completed a Bachelor's degree of a tertiary institution in a relevant subject; and
   (ii) either completed a Bachelor's degree with Honours in a relevant subject, or completed a Bachelor's degree in a relevant subject plus six months' full-time professional experience in a relevant field; and
   (iii) been accepted by the Head of the School of Biological Sciences as capable of proceeding with the proposed course of study.
   (b) Requirement (a)(i) may be waived by the Associate Dean (Students) of the Faculty of Science for a candidate who has had extensive practical, professional or scholarly experience of an appropriate kind.

### General Requirements

2. (a) The course of study for the MMarCon shall include:
   **Part 1 (January-June)**
   (i) BIOL 424;
   (ii) 60 further points from the MMarCon schedule.
   **Part 2 (July-December)**
   (i) BIOL 419, 429;
   (ii) 30 further points from the MMarCon schedule.
   **Part 3**
   60 further points from the MMarCon schedule.
   (b) A candidate admitted under section 1(a)(ii) shall include Parts 1 and 2 only.
   *Note: Students may commence the programme in January or July.*

3.  The course of study for the PGCertMarCon shall consist of 90 points from the MMarCon schedule, including at least one of BIOL 419, 424 and 429.

4.  (a) (i) A candidate for the MMarCon admitted under section 1(a)(i) or 1(b) shall normally be enrolled for at least 18 months and shall complete the degree within three years of first enrolling in the PGCertMarCon or the MMarCon.

   (ii) A candidate for the MMarCon admitted under section 1(a)(ii) shall normally be enrolled for at least 12 months and shall complete the degree within two years of first enrolling in the PGCertMarCon or the MMarCon.

   (b) A candidate for the PGCertMarCon shall normally complete the Certificate within 18 months of first enrolling in the PGCertMarCon or the MMarCon.

   (c) The Associate Dean (Students) may extend that maximum period in special cases.

   *Note: The minimum and maximum enrolment periods for Master's degrees are under review at the time of printing. Please check the University website for current regulations.*

5.  With the permission of the Head of School, a candidate who holds a PGCertMarCon may subsequently be permitted to enrol for the remainder of the MMarCon programme. The candidate shall abandon the postgraduate certificate on being awarded the MMarCon.

## Substitution of Courses

6.  With approval of the Head of School, a candidate may substitute approved courses from other Honours or Masters schedules for up to 30 elective points in any one Part.

## Award of Distinction or Merit

7.  The MMarCon may be awarded with Distinction or Merit as described in sections 19 and 21 of the Personal Courses of Study Statute.

## Schedule to the MMarCon and PGCertMarCon Statute

| Course | Title | Pts | Prerequisites (P) and Restrictions (X) |
|---|---|---|---|
| BIOL 403 | Evolution | 30 | P BIOL 311 or 329 or permission of Head of School |
| BIOL 419 | Principles of Marine Conservation | 30 | P 300-level marine biology, ecology or environmental studies or permission of Head of School |
| BIOL 420 | Conservation Ecology | 30 | P 300-level ecology or permission of Head of School |
| BIOL 422 | Ecology | 30 | P as for BIOL 420 |
| BIOL 423 | Marine Biology | 30 | |
| BIOL 424 | New Zealand Conservation Practice | 30 | As for BIOL 420 |
| BIOL 425 | Biodiversity | 30 | P BIOL 329 |
| BIOL 426 | Behavioural Ecology | 30 | P BIOL 328 |
| BIOL 427-28 | Special Topics | 30 | P 300-level ecology or permission of Head of School |
| BIOL 429 | Tropical Marine Conservation Practice | 30 | P enrolment in PGCertMarCon, MMarCon or MSc in Marine Biology, or permission of Head of School |

| BIOL 440 | Directed Individual Study | 30 | P permission of Head of School |
|----------|---------------------------|----|----|
| BIOL 580 | Research Preparation | 30 | |
| ENVI 505 | Māori Environment and Resource Management | 30 | |
| ENVI 506 | Environment and Conservation Management | 30 | |
| ERES 525 | Ecological Restoration | 30 | |
| ERES 526 | Ecological Restoration Practicum | 30 | |
| MAOR 409 | Te Ao Onamata/Issues in Traditional Māori Society | 30 | X MAOR 509 |
| MAOR 411 | Te Ao Hurihuri/Issues in Contemporary Māori Society | 30 | X MAOR 511; MAOR 410 in 2001-2003 |
| PASI 402 | Special Topic | 30 | |
| PASI 403 | New Zealand Policy and Pacific People | 30 | |

# GDipCompSc

## Statute for the Graduate Diploma in Computer Science

This statute is to be read in conjunction with the Personal Courses of Study Statute.

### Entry Requirements

1. (a) Before enrolment, a candidate for the GDipCompSc shall have:
     (i) completed a Bachelor's degree; and
     (ii) been accepted by the Head of the School of Mathematical and Computing Sciences as capable of proceeding with the proposed course of study.
   (b) Requirement (a)(i) may be waived by the Associate Dean (Students) of the Faculty of Science for a candidate who is otherwise suitably qualified.

### General Requirements

2. (a) The course of study for the diploma shall be a coherent programme approved by the Head of School. Except as provided in section 4, the course of study shall consist of eight courses from COMP 200-488, including at least five at 300-level or above.
   (b) At the discretion of the Associate Dean, up to two courses passed for a Certificate of Proficiency may be credited to the diploma.

3. A candidate shall normally complete the requirements of the diploma within five years of first enrolling in it. The Associate Dean may extend that period in special cases.

### Substitution of Courses

4. With the permission of the Head of School, a candidate may replace up to two courses in section 2(a) with appropriate substitutes from other subject areas.

# PGCertEcoRes and PGDipEcoRes

## Statute for the Postgraduate Certificate in Ecological Restoration and Postgraduate Diploma in Ecological Restoration

This statute is to be read in conjunction with the Personal Courses of Study Statute.

### Entry Requirements

1. (a) Before enrolment, a candidate for the PGCertEcoRes or the PGDipEcoRes shall have:
   (i) completed a degree of a tertiary education institution in New Zealand or equivalent in a relevant subject; and
   (ii) been accepted by the Head of the School of Biological Sciences as capable of proceeding with the proposed course of study.
   (b) Requirement (a)(i) may be waived by the Associate Dean (Students) of the Faculty of Science for a candidate who is otherwise suitably qualified.

### General Requirements

2. (a) The course of study for the PGCertEcoRes shall consist of courses worth 60 points including two courses selected from ERES 525, 526, 527.
   (b) The course of study for the PGDipEcoRes shall consist of courses worth 120 points, including:
   (i) ERES 525;
   (ii) one course selected from ERES 526 or 527; and
   (iii) 60 points from BIOL 403, 404, 421-440, ENVI 503-508, ERES 526, 527, or, with the approval of the Head of School, an approved course.
3. (a) A candidate for the PGCertEcoRes shall normally complete the certificate within two years of first enrolling in it.
   (b) A candidate for the PGDipEcoRes shall normally complete the diploma within four years of first enrolling in the PGCertEcoRes or the PGDipEcoRes.
   (c) The Associate Dean may extend the maximum period in (a) or (b) in special cases.
4  A candidate who has been awarded the PGCertEcoRes is required to abandon that qualification upon being awarded the PGDipEcoRes.

# PGCertGHM and PGDipGHM

## Statute for the Postgraduate Certificate and Postgraduate Diploma in Geophysical Hazard Monitoring

This statute is to be read in conjunction with the Personal Courses of Study Statute.

### Entry Requirements

1. (a) Before enrolment, a candidate for the PGCertGHM or the PGDipGHM shall have:
   (i) completed a degree of a tertiary institution in New Zealand in a relevant subject; and

**Courses of Study**

(ii) been accepted by the Joint Conveners of the Board of Studies of Geophysical Hazard Monitoring as capable of proceeding with the proposed course of study.

(b) Requirement (a)(i) may be waived by the Associate Dean (Students) of the Faculty of Science for a candidate who is otherwise suitably qualified.

### General Requirements

2. (a) The course of study for the PGCertGHM shall consist of courses worth 60 points, including:
    (i) GPHS 445, ESCI 414; and
    (ii) GPHS 581 or 30 further points in approved courses from 400-level COMP, ESCI, GPHS, MATH, PHYG, PHYS and STAT courses.

   (b) The course of study for the PGDipGHM shall consist of courses worth 120 points, including:
    (i) GPHS 445, ESCI 414, GPHS 887;
    (ii) 60 further points in approved courses from GPHS 581 and 400-level COMP, ESCI, GPHS, MATH, PHYG, PHYS and STAT courses.

3. (a) A candidate for the PGCertGHM shall normally complete the Certificate within two years of first enrolling in it.
   (b) A candidate for the PGDipGHM shall normally complete the Diploma within four years of first enrolling in the PGCertGHM or the PGDipGHM.
   (c) The Associate Dean may extend the maximum period in (a) or (b) in special cases.

4. A candidate who has been awarded the PGCertGHM shall abandon that qualification upon being awarded the PGDipGHM.

### Schedule to the PGCertGHM and PGDipGHM Statute

| Course | Title | Pts | Prerequisites (P) |
| --- | --- | --- | --- |
| ESCI 414 | Volcanology | 15 | |
| ESCI 415 | Quantitative Earthquake and Volcanic Hazard and Risk Assessment | 15 | P ESCI 414, GPHS 445 |
| GPHS 439 | Directed Individual Study | 15 | P permission of Head of School |
| GPHS 440 | Directed Individual Study | 30 | P permission of Head of School |
| GPHS 445 | Seismology | 15 | |
| GPHS 581 | Practicum | 30 | |
| GPHS 887 | Project | 30 | |

# PGCertHMSc and PGDipHMSc

## Statute for the Postgraduate Certificate and Postgraduate Diploma in Heritage Materials Science

This statute is to be read in conjunction with the Personal Courses of Study Statute.

**Entry Requirements**

1.  Before enrolment, a candidate for the PGCertHMSc or the PGDipHMSc shall have:
    (a) (i)   completed a degree of a tertiary education institution in New Zealand or equivalent in a relevant subject; and
        (ii)  been accepted by the Head of the School of Chemical and Physical Sciences as capable of proceeding with the proposed course of study.
    (b) Requirement (a)(i) may be waived by the Associate Dean (Students) of the Faculty of Science for a candidate who is otherwise suitably qualified.

**General Requirements**

2.  (a) The course of study for the PGCertHMSc shall consist of courses worth 60 points including HMSC 501 and either HMSC 502, or (HMSC 562 and 563).
    (b) The course of study for the PGDipHMSc shall consist of courses worth 120 points, including:
        (i)   HMSC 501 and 502;
        (ii)  60 further points from CHEM 407-440, ARTH 401-488, HMSC 561-563, MHST 501-554, MAOR 502-588.

3.  (a) A candidate for the PGCertHMSc shall normally complete the certificate within two years of first enrolling in it.
    (b) A candidate for the PGDipHMSc shall normally complete the diploma within four years of first enrolling in the PGCertHMSc or the PGDipHMSc.
    (c) The Associate Dean may extend the maximum period in (a) or (b) in special cases.

4 . A candidate who has been awarded the PGCertHMSc is required to abandon that qualification upon being awarded the PGDipHMSc.

# PGCertMet and PGDipMet

## Statute for the Postgraduate Certificate in Meteorology and Postgraduate Diploma in Meteorology

This statute is to be read in conjunction with the Personal Courses of Study Statute.

**Entry Requirements**

1.  (a) Before enrolment, a candidate for the PGCertMet or the PGDipMet shall have:
        (i)   completed a degree of a tertiary education institution in New Zealand or equivalent in geophysics, mathematics, physics or other relevant subject; and
        (ii)  been accepted by the Head of the School of Earth Sciences as capable of proceeding with the proposed course of study.
    (b) Requirement (a)(i) may be waived by the Associate Dean (Students) of the Faculty of Science for a candidate who is otherwise suitably qualified.

**General Requirements**

2.  (a) The course of study for the PGCertMet shall consist of courses worth 60 points, including four courses selected from GPHS 420-425.

(b) The course of study for the PGDipMet shall consist of courses worth 120 points, including:
    (i) GPHS 888;
    (ii) 75 points from GPHS 420-425;
    (iii) 15 further points from GPHS 420-431 or a course approved by the Head of School.

3. (a) A candidate for the PGCertMet shall normally complete the certificate within two years of first enrolling in it.
    (b) A candidate for the PGDipMet shall normally complete the diploma within four years of first enrolling in the PGCertMet or PGDipMet.
    (c) The Associate Dean may extend the maximum period in (a) or (b) in special cases.

4. A candidate who has been awarded the PGCertMet shall abandon that qualification upon being awarded the PGDipMet.

### Schedule to the PGCertMet and PGDipMet Statute

| Course | Title | Pts | Prerequisites (P) |
| --- | --- | --- | --- |
| GPHS 420 | Introduction to Dynamic Meteorology | 15 | P MATH 323 |
| GPHS 421 | Mid-latitude Weather Systems | 15 | |
| GPHS 422 | Radiation and Thermodynamics for Meteorology | 15 | |
| GPHS 423 | Cloud Physics and Boundary Layer Meteorology | 15 | |
| GPHS 424 | Satellite Meteorology | 15 | |
| GPHS 425 | Numerical Weather Prediction | 15 | |
| GPHS 430-31 | Special Topics | 15 | |
| GPHS 888 | Project | 30 | |

# PGDipClinPsyc

## Statute for the Postgraduate Diploma in Clinical Psychology

This statute is to be read in conjunction with the Personal Courses of Study Statute.

### Entry Requirements

1. (a) For provisional admission to the PGDipClinPsyc, a candidate shall have completed the requirements for a Bachelor's degree in Psychology. Provisional admission is intended to guarantee the candidate a place in the diploma subject to (b).
    (b) Before enrolment, a candidate for the diploma shall have:
        (i) completed a BSc(Hons) or BA(Hons) in Psychology, or completed the coursework for Part 1 of the MSc in Psychology;
        (ii) passed 120 400-level Psychology points (or their equivalent) as required by the Head of the School of Psychology; and
        (iii) been accepted by the Head of School as capable of proceeding with the proposed course of study.
    (c) Requirement (b)(i) may be waived by the Associate Dean (Students) of the Faculty of Science for a candidate who is otherwise suitably qualified.

## General Requirements

2.  The course of study for the diploma shall consist of courses worth 210 points, including:
    **Part 1:**   PSYC 561;
    **Part 2:**   PSYC 562; two of PSYC 571, 572, 573.

3.  A candidate shall normally be enrolled for at least four trimesters and shall complete the diploma within three years of first enrolling in it. The Associate Dean may extend the maximum period in exceptional circumstances.

4.  (a)  By the beginning of the course of study for the diploma, a candidate shall have enrolled for or completed an MA or PhD or Part 2 of the MSc degree by thesis.
    (b)  A candidate who has not completed the degree referred to in (a) shall not enrol for Part 2 of the diploma before submitting a thesis for examination.

## Award of Distinction or Merit

5.  The diploma may be awarded with Distinction or Merit as described in sections 19 and 21 of the Personal Courses of Study Statute.

## Schedule to the PGDipClinPsyc Statute

| Course | Title | Pts | Prerequisites (P), Corequisites (C) and Restrictions (X) |
|---|---|---|---|
| PSYC 561 | Practicum | 60 | |
| PSYC 562 | Advanced Practicum | 120 | |
| PSYC 571 | Advanced Neuropsychology Theory and Practice | 15 | P PSYC 451, 452, 561; C PSYC 562; X PSYC 551 |
| PSYC 572 | Adult and Child Clinical Psychology: Advanced Intervention Skills | 15 | P PSYC 451, 452, 561; C PSYC 562; X PSYC 551 |
| PSYC 573 | Clinical Criminal Justice Psychology | 15 | P PSYC 451, 452, 561; C PSYC 562; X PSYC 504 |

**Courses of Study**

# Inter-Faculty Qualifications

## CertFoundStud

### Statute for the Certificate in Foundation Studies

This statute is to be read in conjunction with the Personal Courses of Study Statute.

1. A candidate for the Certificate shall before enrolment have:
    (a) Completed the equivalent of Year 12 at a New Zealand secondary school;
    (b) Demonstrated evidence of English language proficiency, normally through a TOEFL score of 525 or an IELTS band score of 5.5; and
    (c) Been accepted as a candidate by the Programme Director.

    *Note: Details of the standards required in different countries can be obtained from the Programme Director.*

2. The Certificate shall consist of two trimesters of full-time study.

3. The Certificate shall be awarded to a candidate who has followed the course of study prescribed in this statute, completing such assignments, presentations and other course work as may be required.

4. The course of study shall consist of six courses in total, comprising:
    (a) FNDN 001;
    (b) One course from FNDN 004, 005, 025;
    (c) Four further courses from FNDN 002-035.

5. (a) Whether a candidate qualifies for the award of the Certificate shall be determined on the basis of their performance in the Certificate programme as a whole.
    (b) A failure in one course other than FNDN 001 shall not preclude an award of the Certificate.

6. The prescriptions for the course of study shall be as defined in the *Course Catalogue* of Victoria University of Wellington.

### Schedule to the CertFoundStud Statute

| Course | Title | Pts | Prerequisites (P) and Restrictions (X) |
|---|---|---|---|
| FNDN 001 | Academic Writing and Research | 20 | |
| FNDN 002 | Information Management | 20 | |
| FNDN 003 | Commerce and Economics | 20 | |
| FNDN 004 | Politics and Government | 20 | |
| FNDN 005 | Modern New Zealand Literature | 20 | |
| FNDN 020 | Computing Technologies | 20 | |
| FNDN 021 | Accounting | 20 | |
| FNDN 022 | Physical Science | 20 | X FNDN 029 |
| FNDN 023 | Mathematics | 20 | |
| FNDN 024 | Design | 20 | |
| FNDN 025 | Modern History | 20 | |
| FNDN 026-28 | Special Topics | 20 | P FNDN 001 and 40 further 000-level points |
| FNDN 029 | Biological Science | 20 | X FNDN 022 |

# CertUnivPrep

## Statute for the Certificate of University Preparation

This statute is to be read in conjunction with the Personal Courses of Study Statute.

1. A candidate for the CertUnivPrep shall before enrolment have:
   - (a) (i) normally completed Year 13 at a New Zealand secondary school or its equivalent; or
       - (ii) produced evidence that they are suitably qualified and will benefit from enrolling in the programme; and
   - (b) demonstrated evidence of English language proficiency; and
   - (c) been accepted for the Certificate by the Programme Manager.

   *Note: For further information relating to the need for English language competency, refer to section 4.1 of the Assessment Statute.*

2. The CertUnivPrep shall consist of one trimester of full-time study or two trimesters of part-time study.

3. The CertUnivPrep shall be awarded to a candidate who has followed the course of study prescribed in this statute, passing such assignments, presentations and other course work as may be required.

4. The course of study for the CertUnivPrep shall comprise CUPR 009, CUPR 010 and two further courses selected from CUPR 012-021.

5. (a) Whether a candidate qualifies for the award of the Certificate shall be determined by the Programme Manager on the basis of the candidate's performance in the Certificate programme as a whole.
   - (b) A failure in one course other than CUPR 009 or CUPR 010 shall not preclude an award of the Certificate being made.

6. The prescriptions for the course of study shall be as defined in the *Course Catalogue.*

7. Students who satisfactorily complete the CertUnivPrep will satisfy the minimum requirements for entry to the University.

### Schedule to the CertUnivPrep Statute

| Course | Title | Pts | Prerequisites (P) |
|---|---|---|---|
| CUPR 009 | Skills for University Study | 15 | |
| CUPR 010 | Introduction to Academic Writing and Research | 15 | |
| CUPR 011 | Introduction to Information Technology | 15 | |
| CUPR 012 | Focus on Commerce | 15 | |
| CUPR 013 | Focus on Humanities | 15 | |
| CUPR 014 | Focus on Mathematics and Statistics | 15 | |
| CUPR 015 | Focus on Science | 15 | |
| CUPR 016 | Focus on Social Sciences | 15 | |
| CUPR 017 | Special Topic | 15 | |
| CUPR018 | Directed Independent Study in Science | 15 | P approval of Programme Manger and relevant HOS |

| CUPR 019 | Directed Independent Study in Humanities and Social Sciences | 15 | P approval of Programme Manger and relevant HOS |
| CUPR020 | Directed Independent Study in Commerce | 15 | P approval of Programme Manger and relevant HOS |
| CUPR021 | Directed Independent Study in Architecture and Design | 15 | P approval of Programme Manger and relevant HOS |

# PGCertHELT

## Statute for the Postgraduate Certificate in Higher Education Learning and Teaching

This statute is to be read in conjunction with the Personal Courses of Study Statute.

### Entry Requirements

1. (a) Before enrolment, a candidate for the PGCertHELT shall have:
   (i)   completed a Bachelor's degree with Honours or equivalent; and
   (ii)  been accepted by the Director of the University Teaching Development Centre (UTDC) as capable of proceeding with the proposed course of study.
   (b) In exceptional circumstances requirement (a)(i) may be waived by the Director of the UTDC, the Deputy Dean of the Faculty of Education or the Associate Dean Faculty of Humanities and Social Sciences for a candidate who has had extensive professional or scholarly experience of an appropriate kind.

### General Requirements

2. The course of study for the PGCertHELT shall consist of courses worth 60 points, including:

   UTDC 501 (or EDUC 583 in 2006 only), 502 and 503.

3. The course of study may, with the approval of the Director of the UTDC, be carried out in part at an approved institution outside this University.

4. A candidate undertaking the Certificate shall normally be enrolled for at least two trimesters and shall complete the qualification within two years of first enrolling in it. The Deputy Dean of the Faculty of Education or the Associate Dean of the Faculty of Humanities and Social Sciences may extend this maximum period in special cases.

### Schedule to the PGCertHELT Statute

| Course | Title | Pts | Prerequisites (P) and Restrictions (X) |
| --- | --- | --- | --- |
| UTDC 501 | Foundations of Higher Education Learning and Teaching | 30 | X EDUC 583 in 2006 |
| UTDC 502 | Applied Research Project in Higher Education Learning and Teaching | 15 | P UTDC 501 (or EDUC 583 in 2006) |
| UTDC 503 | Professional Development Project in Higher Education Learning and Teaching | 15 | P UTDC 501 (or EDUC 583 in 2006) |

# COP

## Statute for the Certificate of Proficiency

1. Any person eligible for entry to the University may enrol for a course and receive a Certificate of Proficiency (COP) on passing.

2. A candidate for a COP shall meet prerequisite and other course requirements in the same way as candidates for other qualifications; the Assessment Statute and Personal Courses of Study Statute shall apply with the necessary modifications.

3. At the discretion of the relevant Associate Dean (or Dean), a student who has passed a course for a COP may credit that course to another qualification. Normally, the student must have been eligible for entry to the qualification at the time of enrolment in the course, and the number of courses credited in this way shall not exceed any limit specified in the statute for that qualification.

# Doctorates and Higher Doctorates

## PhD

### Statute for the Degree of Doctor of Philosophy

### 1.　Purpose

The PhD Statute sets out the regulations governing the admission, enrolment, registration, supervision, and examination procedures for the PhD degree at Victoria University of Wellington (the University). It also stipulates the criteria on which the award of the degree will be based. This Statute must be read in conjunction with the PhD Policy: Approving, Enrolling, Supervising and Examining Candidates.

### 2.　Organisational Scope

This is a University-wide statute.

### 3.　Definitions

For purposes of this Statute, unless otherwise stated, the following definitions shall apply:

*Associate Dean:* Throughout this Statute "Associate Dean" refers to the person to whom the Dean of the Faculty has delegated the relevant authority. The Associate Dean may in turn delegate this authority.

*Full-time PhD Student:* Students are deemed to be full time when they are able to devote a minimum of 30 hours per week to the thesis, on average, over the year. This ignores statutory holiday periods.

*Half-time PhD Student:* Students who cannot work on the thesis for the amount of time specified above are enrolled as half-time students.

*PhD Convener:* Convener of the Research Degrees Sub-Committee.

*Administrative Supervisor:* The person in the School with responsibility for administering the candidacy. The Administrative Supervisor must ensure that the candidate and the supervisors follow the regulations for the PhD Degree.

### 4.　Statute Content and Guidelines

#### *4.1　Admission*

(a) A candidate for the Degree of Doctor of Philosophy shall, before enrolment:
  (i)　have qualified for admission to a Bachelor's or Master's degree with First or Second Class Honours or a Master's degree at an equivalent standard to First or Second Class Honours at a university in New Zealand; or
  (ii)　be currently enrolled in a Master's by thesis; or
  (iii) produce evidence to the satisfaction of the Associate Dean of adequate training and ability to proceed with the proposed course for the degree.
(b) A candidate must not only show themselves to be qualified but must also be accepted by the Associate Dean and relevant Head of School.

(c) Where a candidate is accepted under clause 4.1(a)(ii), the candidate will be deemed to have first enrolled for the Doctor of Philosophy on the date of first enrolment for the Master's degree.

### 4.2  Conditions of Enrolment
(a) Initially, a candidate shall be provisionally registered as a candidate for the Doctor of Philosophy. Full registration must be confirmed by the Associate Dean on the advice of the Head of School within 15 months of first enrolment, otherwise the candidate's enrolment will be terminated. Once full registration has been confirmed, the date of registration shall be deemed to be the date of first enrolment for the degree.
(b) With full-time enrolment, the minimum period of registration will be 24 months, and with half-time enrolment, the minimum period of registration will be 48 months.

### 4.3  Re-enrolment, Suspension, Termination
(a) A candidate pursuing a course of study for the degree shall re-enrol within one month of the expiry of the period of previous enrolment.
(b) After every six months of enrolment, the supervisors of a candidate shall submit to the administrative supervisor and the Student and Academic Services Office, a report on the progress of the candidate. If progress is reported to be unsatisfactory the Associate Dean may, subject to any submission or appeal a candidate may make, terminate the enrolment.
(c) On application from a candidate, the Associate Dean may grant a suspension of enrolment for a period of not less than one month, and not more than one year. During suspension of enrolment the candidate will have no access to university services, including supervision, and will pay no fees.
(d) The thesis shall be presented within five years from the date of registration. This applies to all candidates whether full time or half time but excludes any period(s) of suspension. This period may be extended by the Associate Dean where good cause is shown, provided that any extension beyond seven years, including any period(s) of suspension, is granted only in exceptional circumstances.

### 4.4  Course of Study
(a) The course of study for a PhD consists of a programme of research and the writing of a thesis carried out under supervision.
   (i)   The research will normally be conducted at Victoria University of Wellington, but with permission of the Associate Dean, part of the research programme may be carried out at locations outside the University.
   (ii)  The thesis must be an integrated report that demonstrates the candidate's ability to carry out independent research, and constitutes a significant and original contribution to the knowledge or understanding of a field of study.
   (iii) The thesis may include the candidate's previously published work or material based on previous research, as long as the report constituting the thesis is written under supervision during the period of registration.

### 4.5  Examination
(a) At any time after the minimum period of enrolment, a candidate may submit their thesis and apply for examination.

**Courses of Study**

(b) Where any work relevant to the thesis has been published or accepted for publication at the time of submission, a statement shall be included showing how the published work relates to the thesis.

(c) Where any of the published material included in clause 4.5 (b) is co-authored, the candidate must provide a detailed statement of each author's contribution to such work, and contact details of co-authors.

(d) The application for examination shall be accompanied by a certificate from the supervisors that the candidate has pursued the course in accordance with the requirements of this statute.

(e) The thesis shall not exceed a total of 100,000 words in length (including scholarly apparatus). In exceptional circumstances the PhD Convener may grant permission for a longer thesis to be submitted for examination.

(f) The format of the thesis is determined by the Library Statute. (See Clause 4.12 of the Library Statute.)

(g) The thesis shall be examined by three examiners, appointed by the Research Degrees SubCommittee. One of these examiners should be from outside New Zealand. Only in exceptional circumstances should an examiner be the principal supervisor or a co-supervisor.

(h) The Associate Dean shall, after consultation with the examiners, make a report on the whole examination to the Research Degrees SubCommittee, who shall recommend whether the degree be awarded. When the Research Degrees Sub-Committee recommends the award of the degree, two copies of the thesis shall be deposited in the University Library.

(i) The Associate Dean may on the application of the candidate or the supervisors at any time before the submission of the thesis, or on the recommendation of the examiners after the submission of the thesis, approve the enrolment of the candidate in a subject for an appropriate Master's degree instead of the degree of Doctor of Philosophy, where the statute for such Master's degree provides that the degree may be taken by thesis and where the candidate does not already hold that degree in the same subject in this University.

  (i)  Where any thesis has been submitted for the degree of Doctor of Philosophy that thesis may be accepted in fulfilment of the requirements for the Master's degree, notwithstanding any other provision in the Statute for that Master's degree.

  (ii) In any other case, provided that the candidate has been enrolled for the degree of Doctor of Philosophy for that period, the candidate shall be deemed to have been enrolled in and to have followed a course of study for that Master's degree for the appropriate minimum period.

# Statute for Higher Doctorates

## 1.   Purpose

The Statute for Higher Doctorates sets out the regulations governing the required qualifications, the application, admission and examination procedures and the process for the award of Higher Doctorates at Victoria University of Wellington (the University). It also stipulates the criteria on which the award of the degree will be based.

## 2. Organisational Scope

This is a University-wide statute.

## 3. Definitions

None.

## 4. Statute Content and Guidelines

### 4.1 Admission

(a) A candidate for a Higher Doctorate must be:
  (i) a graduate of Victoria University of Wellington (VUW); or
  (ii) an academic staff member of VUW; or
  (iii) admitted *ad eundem statum;* or
  (iv) at the discretion of the Convener of the Research Degrees Subcommittee, may have some other long-standing connection with the University.
(b) No person shall become a candidate for a Higher Doctorate until at least five years after graduation to the qualifying degree.

### 4.2 Award

(a) The Higher Doctorates which may be awarded are Doctor of Commerce (DCom), Doctor of Literature (DLitt) (formerly LitD), Doctor of Music (DMus), Doctor of Laws (LLD) and Doctor of Science (DSc).
(b) A Higher Doctorate may be awarded only for a substantial body of published work which:
  (i) indicates a track record of excellence in research or creative achievement;
  (ii) shows the candidate to be a distinguished leader in the relevant field; and
  (iii) provides an original and prestigious contribution to the relevant field.
In general, publication of the work submitted implies that members of the public could gain access to the material through normal channels. However, where the Higher Doctorate is awarded for creative achievement, publication shall be taken to include such things as public performance, public broadcast, commercial recording in audio or video format or on film, and designs and constructions.

### 4.3 Application Process

(a) A candidate for the degree must forward to the Deputy Vice-Chancellor (Research) an application, accompanied by an application fee as specified in the Fees Statute.

  *Note: In 2007 the application fee is $3,000, of which $2,500 will be refunded if the application does not proceed beyond the ad hoc committee's initial consideration.*

(b) Every application shall consist of the following.
  (i) Three copies of the published work on which the candidature is based. Books should be submitted in the form in which they are published; other documents should be bound together appropriately.
  (ii) Four copies of a table of contents, giving full references including ISBNs or ISSNs for each of the works submitted under section 4.2(b).
  (iii) A signed certification by the candidate that none of the material submitted has formed part of material accepted for any degree or diploma in this or any other university, and that none of the material is concurrently being submitted for any degree or diploma in this or any other university.

**Courses of Study**

(iv) If joint work is submitted, a statement in regard to each piece of joint work or, where appropriate, each joint programme, as to the precise nature of the candidate's contribution to it (including contributions to the conception, experimentation or analysis, writing process, and administrative direction).

(v) Four copies of a curriculum vitae indicating, at least, the date of the qualifying degree, positions held, honours granted and other publications.

(vi) Four copies of a statement, not exceeding 3,000 words in length, of the general theme and direction of the submitted material and how and why this material is thought to meet the requirements for a Higher Doctorate.

(c) When an application for a Higher Doctorate is received, the Convener of the Research Degrees Subcommittee (RDS) will appoint an ad hoc committee of not fewer than three persons, including the Head of the relevant School or Schools, unless such a person is the candidate for the degree. This committee will report back to the Convener whether or not the work submitted is prima facie worthy of examination for the degree. If they believe it to be worthy of examination, they will suggest suitable examiners; if they do not believe it to be worthy they will set out briefly the points on which it fails.

### 4.4 *Examination*

(a) If the Convener determines that the examination shall proceed, the candidate's work shall be submitted to three examiners, each of whom must be an authority of international standing in the relevant area. The examiners will be asked to:

(i) report independently on the quality of the work in the light of the criteria specified in section 4.2(b); and

(ii) recommend whether or not the degree should be awarded.

Where the examiners recommend that the degree should not be awarded, they may recommend that the candidate be allowed to re-present the work in a revised form or in a form supplemented by additional published work. A re-presentation under this section will incur a further examination fee, and will normally be re-examined by the same examiners.

(b) On the basis of the examiners' reports, the Deputy Vice-Chancellor (Research) will determine whether the degree should be awarded.

### 4.5 *Conferment of the Degree*

If the degree is awarded, one copy of the body of work submitted shall be deposited in the University Library.

## 5. References

Fees Statute.

*IMPORTANT NOTICE: Readers are referred to the disclaimer
set out at the beginning of the Calendar.*

# Section D
# General Information

**Contents**

**Information**

# Victoria University of Wellington

Victoria University of Wellington, Te Whare Wānanga o te Ūpoko o te Ika a Māui, is one of New Zealand's leading universities. Founded by an Act of Parliament to mark Queen Victoria's Diamond Jubilee in 1897, the University began teaching and research in 1899 as a College affiliated to the University of New Zealand, and became an autonomous university in 1962. The University takes pride in its distinguished tradition of academic excellence and innovation which, combined with a strong commitment to its students and the wider community, has flourished for more than a century. Today, a community of almost 25,000 students and staff of all nationalities enjoy the University's superb location in the country's political and cultural capital.

Overlooking the Wellington harbour, the main Kelburn Campus, with its distinctive neo-Gothic red brick Hunter Building, commands stunning views and is within a few minutes' walk of the city centre. Three other campuses make up the University complex: the Te Aro Campus is home to the Schools of Architecture and Design at the heart of the city's artistic centre; the Pipitea Campus, incorporating the magnificently restored historic Government Buildings on Lambton Quay, Rutherford House and Wellington Railway Station, houses the Law, Business, Government, and Commerce and Administration Schools; and the Karori Campus, established in 2005 when the University merged with the Wellington College of Education, is the hub of specialist teacher education and professional development programmes.

Academic programmes are offered throughout the year. There are three trimesters: Trimester 1 runs from March to June; Trimester 2 runs from July to October; and Trimester 3, the summer trimester, offers selected courses from November to February. The University undertakes teaching and research of the highest quality to create, disseminate and advance new knowledge, and is committed to providing students with opportunities to acquire, understand and apply disciplinary and interdisciplinary knowledge, skills and attitudes, and enhance their personal development. Students enrol in one of seven Faculties – Architecture & Design, Commerce & Administration, Education, Engineering, Humanities & Social Sciences, Law and Science – and choose courses from 33 schools and teaching departments within those Faculties.

The University's staff and students benefit from its important relationships with national research institutes, such as the Malaghan Institute for Medical Research and the MacDiarmid Institute for Advanced Materials and Nanotechnology (both located at the University), the Karori Wildlife Centre, and various Crown Research Institutes. In addition, the University enjoys dynamic partnerships with major capital city institutions and national repositories based in Wellington, such as Te Papa Tongarewa Museum of New Zealand, Archives New Zealand, the New Zealand Film Archive, the Turnbull Library and Toi Whakaari: New Zealand Drama School.

A number of the University's courses are linked to these relationships, for example, geology courses with the Meteorological Service, art history with Te Papa, political science with the Honours parliamentary internships, and summer internships for

science students in the Crown Research Institutes and other science organisations. Teaching and research in Criminology and Librarianship (the only postgraduate programme of its kind in New Zealand) are strengthened by their proximity to national institutions such as the Law Courts (including the Appeal Courts and the Supreme Court), and the National Library. The University's Stout Research Centre, with its focus on research related to New Zealand's national identity, is ideally placed in a university in the capital city.

The extensive infrastructure supporting the University's research and teaching activities is complemented by an equally extensive range of services provided to students, with particular attention being paid to supporting international students. Facilities include a large main library and several smaller specialist libraries in law, commerce, education and architecture and design. The University provides recreational facilities, chaplaincies, crèches, halls of residence, numerous support services, student union facilities with specific student clubs and associations, two marae, a music concert auditorium, a theatre and one of the country's most exciting public art galleries. Shops on the Kelburn Campus include a computer store, bookshop, travel agency and bank as well as a bar and cafes and restaurants.

Wellington is home to the Royal New Zealand Ballet Company, the New Zealand School of Dance, the New Zealand Drama School, the New Zealand String Quartet (in residence at the New Zealand School of Music, a partnership of Victoria and Massey Universities), and the New Zealand Symphony Orchestra whose principals and players are engaged as tutors and often perform at the University. The city's embassies and consulates contribute their individual cultural and social presence and assist the University in providing a strong support network for its international students.

The University's direction, particularly in the creative, public policy and technological fields, is consistent with the aspirations of the city. Staff of international standing and students are attracted to the vibrant city and to the University, which encourages and celebrates internationalisation, creativity and critical thinking.

**Information**

# Victoria University of Wellington Act 1961

[This Act is reprinted with amendments as at 20 November 2007.]

1 **Short Title and Commencement**
    (1) This Act may be cited as the Victoria University of Wellington Act 1961.
    (2) This Act shall come into force on the 1st day of January 1962.

2 **Interpretation**
    (1) In this Act, unless the context otherwise requires,
        **Academic staff***: Definition Repealed:*
        **Assisted student** means a foreign student who is in New Zealand to study under an assistance programme administered by the New Zealand Government:
        **The Chancellor***: Definition Repealed:*
        **The Council** means the Council of the Victoria University of Wellington constituted in accordance with Part 15 of the Education Act 1989:
        **Deputy Vice-Chancellor***: Definition Repealed:*
        **Domestic student** means a person who is not a foreign student:
        **Exempt student** means a foreign student who—
        (a) Is in New Zealand to study under an exchange programme approved by the New Zealand Government; or
        (b) Is for the time being exempted under section 48B(2) of this Act:
        **Financial year***: Definition Repealed:*
        **Foreign student** means a person who is not a New Zealand citizen, and is—
        (a) A person to whom section 7 of the Immigration Act 1987 applies; or
        (b) A person obliged by or pursuant to that Act or any other enactment to leave New Zealand immediately or within a specified time; or
        (c) Deemed for the purposes of that Act to be in New Zealand illegally:
        **General course of study***: Definition Repealed:*
        **Lecturer** means a member of the staff of the Victoria University of Wellington who is in terms of his appointment an associate professor, a reader, a senior lecturer, or a lecturer of the University; and includes such other persons and classes of persons as the Council from time to time determines:
        **Minister** means the Minister of the Crown for the time being responsible for the administration of the Act:
        **Personal course of study***: Definition Repealed:*
        **The Pro-Chancellor***: Definition Repealed:*
        **Professor** means a professor of the Victoria University of Wellington; but does not include an associate professor:
        **Professorial Board***: Definition Repealed:*
        **The Registrar** means the Registrar of the Victoria University of Wellington:
        **Secretary** means the chief executive of the Ministry of Education:
        **The University** means the Victoria University of Wellington constituted under this Act:
        **The Vice-Chancellor***: Definition Repealed:*
    (2) In the absence of proof to the contrary,—
        (a) A certificate signed by the chief executive of the Ministry of External Relations and Trade that on a specified day, or for a specified period, a specified person was or was not, or will or will not be in New Zealand to

study under an assistance programme administered by the New Zealand Government; or

(b) A certificate signed by the Secretary that on a specified day, or for a specified period, a specified person was or was not, or will or will not be in New Zealand to study under an exchange programme approved by the New Zealand Government,—

is, for the purposes of subsection (1) of this section, conclusive evidence of the matter certified; and judicial notice shall be taken of the signature on any such certificate of the chief executive or (as the case may be) the Secretary.

**3  Constitution of the University**

(1) For the advancement of knowledge and the dissemination and maintenance thereof by teaching and research there shall be a University to be called the Victoria University of Wellington.

(2) The University shall consist of the Council, the professors emeriti, the professors, lecturers, Registrar, and librarian of the University for the time being in office, the graduates and undergraduates of the University, the graduates of the University of New Zealand whose names are for the time being on the register of the Court of Convocation of the University, and such other persons and classes of persons as the Council may from time to time determine.

(3) The University shall be a body corporate with perpetual succession and a common seal, and may hold real and personal property, and sue and be sued, and do and suffer all that bodies corporate may do and suffer.

(4) The University established under this Act is hereby declared to be the same institution as the institution of that name existing immediately before the commencement of this Act under the Victoria University of Wellington Act 1933 (as amended by the Victoria University of Wellington Amendment Act 1957), which institution was originally established under the name of the Victoria College under the Victoria College Act 1897.

**4  Court of Convocation**

(1) *Repealed*

(2) *Repealed*

(3) There shall be a Court of Convocation of the University.

(4) The said Court of Convocation shall consist of the persons whose names are enrolled on a register to be kept by the Registrar.

(5) The power of the Council under section 194 of the Education Act 1989 to make statutes extends to making statutes for the keeping of the register of the Court of Convocation, which statutes may include provisions prescribing the persons and classes of persons who are eligible for membership of the said Court of Convocation and the circumstances in which, and the conditions (whether as to payment of fee or otherwise) on which, persons are entitled to have their names enrolled on the register of the said Court; and, subject to this Act and to the said statutes, if any, the said Court shall have power to make such rules for the conduct of its business as it thinks fit, and until rules governing its meetings are so made shall meet at such times and places as the Council may determine.

(6) The said Court may make representations to the Council on any matter concerning the interests of the University.

**5-19**  *Repealed*

**20 Award of certificates, etc. –**
The Council shall have power, under such conditions as it thinks fit, to award certificates, fellowships, scholarships, bursaries and prizes, and to make other awards.

**21 Lectures to members of the public**
The Council shall have power to provide such lectures and instruction for any persons, whether or not they are members of the University, as it thinks fit, and on such conditions as it thinks fit, and may award certificates to any of them.

**22-55**  *Repealed*

Schedules 1, 2, 3 and 4 *Repealed*

# University Services and Facilities

## Adam Art Gallery
*Adjacent to Student Union; Tel. 463 5489 or 463 5229; Fax 463 5024*
*Email: adam-art-gallery@vuw.ac.nz; Website: www.victoria.ac.nz/adamartgal*

The Adam Art Gallery is New Zealand's only purpose-built university gallery. Its mission is to encourage and advance the understanding and appreciation of visual art and culture through exhibitions, interpretation, scholarship and critical debate. It presents a range of innovative national and international exhibitions, floor talks, performances and other events that are free to staff, students and the public. It also offers a volunteer programme for the benefit of students at the University. Open Tuesday-Sunday 11am-5pm. Closed Mondays, public holidays and University holidays.

## Alumni Services

The University values its links with its former students, many of whom have achieved distinction in a variety of fields in New Zealand and elsewhere. Graduates are encouraged to remain involved in the life of the University and to exercise their right to representation on the University Council.

### ● Alumni Relations Office
*Room 312, Hunter Building; Tel. 463 5246; Fax 499 4601*
*Email: alumni@vuw.ac.nz; Website: www.victoria.ac.nz/alumni*

The Alumni Relations Office provides a means for graduates and others who have had a close association with the University to remain in touch. Graduates should update their contact details regularly on the Life After Vic online alumni directory at *www.victoria.ac.nz/alumni.* Registered graduates will receive up-to-date information, news and invitations to events through the alumni and friends magazine *Victorious*, distributed free, and the electronic newsletter *Life After Vic.* There is also opportunity to join special interest groups and find lost friends. Anyone who has studied or worked at Victoria or is a friend of the University may also apply to the Alumni Relations Office to receive *Victorious* and be a part of the University community.

### ● Court of Convocation
All graduates of Victoria University are eligible to be enrolled as members of the Court of Convocation, which elects five members of the University Council. Members of Victoria University College when it was part of the University of New Zealand and persons whose names were enrolled on the register of the Court of Convocation on 26 August 2002 are also eligible. Inquiries and applications for enrolment should be addressed to the Secretary, Court of Convocation, Victoria University of Wellington, PO Box 600, Wellington.

   The register of members is in two parts, active and inactive. Those who have voted in one of the previous two Council elections, or have been enrolled since the penultimate election, or have applied to the Secretary for transfer to the active roll, are placed on the active roll. Members wishing to participate in the election of Court

**Information**

of Convocation representatives on the Council should ensure their names are on the active roll. New graduates are automatically enrolled on the register.

## Continuing Education and Executive Development

*Rutherford House, 23 Lambton Quay; Tel. 463 6556, Fax 463 6550*
*Email: conted@vuw.ac.nz; Website: www.ceed.vuw.ac.nz*

The Centre for Continuing Education and Executive Development (Te Pūtahi Pūkenga, Whakarae) offers a wide variety of specially designed lifelong learning programmes drawing in particular on the University's teaching and research expertise. Programmes include short courses, public lectures, seminars and workshops to meet personal, professional and executive development needs, customised courses for public and private sector organisations, inbound and outbound study opportunities (including overseas study tours), and the Certificate of University Preparation programme for domestic students. The Centre also offers programme and conference management services.

## Chaplaincies

*Kohanga (Catholic): 4 Kelburn Parade; Tel. 463 8655*
*Ramsey House (Anglican/Ecumenical): 8 Kelburn Parade; Tel. 463 5499*
*Website: www.victoria.ac.nz/chaplains*

The chaplains are the Christian churches' formal presence on campus. They offer pastoral support and are open and available to all regardless of belief. They especially seek to nurture the spirituality of Christian students and staff and encourage them to work out their faith within their academic disciplines and vocations. They also seek to share the gospel of Christ with any person wanting to find out more. Kohanga and Ramsey House provide warm, welcoming spaces for students to hang out between lectures, catch lunch, study, hold meetings etc. Staff or student clubs wanting to book space should contact the chaplains. Ramsey House café is open normal week-day business hours. Various events, seminars and services are also held. Updated details are on the website.

## Facilitation and Disputes Advisory Service

*14 Wai-te-Ata Road; Tel. 463 5023*
*Email: jon.everest@vuw.ac.nz; Website: www.victoria.ac.nz/disputes-advice*

The Facilitator and Disputes Adviser helps to informally address problems between people that inevitably arise in an institution as large as the University. Training and group facilitation are also available. Problems addressed include interpersonal disagreements, sexual harassment complaints, workplace tensions, students' concerns and professional concerns. They are discussed in confidence and the Adviser can be a resource, mediator or intermediary, and is available for consultation before more formal procedures are resorted to. The Adviser also oversees and advises staff and students on processes under the Statute on Student Conduct and coordinates follow-up action for the Risk Assessment Advisory Committee, which case manages students at risk. Procedures for addressing students' academic grievances are covered by the Academic Grievance Policy. (These documents are in Section B of this Calendar.)

## Language Learning Centre

*Level 0, Von Zedlitz Building; Tel. 463 5315; Fax 463 5428*
*Email: llc@vuw.ac.nz; Website: www.victoria.ac.nz/llc*

The Language Learning Centre, part of the University Library, is a dedicated multi-media centre providing resources, services and facilities to support the teaching and learning of languages at the University. It is open year-round, with extended hours during university semesters. Language students use the centre for audio-visual classes and independent language learning, and all students, staff and members of the public who are interested in learning a language are welcome.

The centre facilitates independent learning by providing access to a variety of multimedia language resources to suit learners with different needs and individual learning styles, in a helpful environment with up-to-date facilities. Resources are available for French, German, Italian, Spanish, Samoan, Māori, Chinese, Korean, Japanese, New Zealand Sign Language, Linguistics, Brazilian, English as a Second Language, and Ancient Languages, as well as for other languages not taught at the University. They include audio, video and print materials, language software, and satellite television.

## Library

*Central Library – central issue desk: Tel. 463 5249; Fax 471 2070 (administration)*
*Website: www.victoria.ac.nz/library*

The Library is a coordinated network of five individual libraries offering a wide range of scholarly resources to support the University's research and teaching activities.

The Libraries are the Central Library in the Rankine Brown Building at the Kelburn Campus, the Law Library in Government Buildings at Pipitea Campus, the Commerce Library in the Railway Building at Pipitea Campus, the Architecture Library in the Schools of Architecture & Design at Vivian Street, and the WJ Scott Library in the College of Education at Karori Campus.

The Library website provides links to a range of electronic journals, databases and other materials, as well as access to the library catalogue and special collections finding aids. The libraries' computing suites offer document processing, email, printing and Internet access.

Although policies may differ in specific libraries, in general those who may use the Library for reading and borrowing purposes include students currently enrolled at the University, staff, members of the University Council, students enrolled for the courses of the Centre for Continuing Education and Executive Development, all currently employed staff and currently enrolled students of University Library Aotearoa New Zealand member universities and graduates of any university, people engaged in research work, and any others who satisfy the Librarian that their needs cannot reasonably be met in other ways.

The Library Statute is promulgated for the benefit of all Library users on the University's website under *www.victoria.ac.nz/policy*. Library opening hours are available at *www.victoria.ac.nz/library/contact/hours.aspx*.

**Information**

# Māori Services

The University acknowledges its responsibilities under the Treaty of Waitangi, and a range of services and facilities exist on campus to support Māori students and staff. The focus for these is the University's marae, Te Herenga Waka (the Anchorage of Canoes), a Māori cultural and social centre, which in turn is closely associated with the School of Māori Studies. For details of special accommodation, health and mentoring facilities for Māori students, see under Student Services.

### • Te Herenga Waka Marae (the Anchorage of Canoes)
*46 Kelburn Parade; Tel. 463 5282*

Te Herenga Waka Marae was established in 1986 with its wharenui (meeting house), Te Tumu Herenga Waka (the hitching post of all the canoes). It provides a tūrangawaewae (domicile) for the students and staff of the University as well as the wider community to encourage the promotion, dissemination and maintenance of te reo Māori and tikanga Māori. The marae enhances the teaching, cultural and academic environment of the University.

### • Te Whare Kōhungahunga o Ahumairangi
*33 Salamanca Road; Tel./Fax 463 5418*

Te Whare Kōhungahunga o Ahumairangi is a Māori early childhood centre for the University. It caters for children aged from five months to five years. The centre's hours are 8.30am-5.15pm and enrolment is full time, that is, at least 30 hours per week. The centre is open 50 weeks of the year (approximately the same times as the central University administration).

# Research and Postgraduate Studies Office
*10,16,18 Kelburn Parade; Tel. 463 9478; Fax 463 6480*
*Email:researchoffice@vuw.ac.nz*

The Research and Postgraduate Studies Office provides leadership and support for the University's research and postgraduate programmes, including strategic analysis, policy development, policy monitoring and evaluation, quality assurance and advice, and the monitoring of external developments in the research and postgraduate environment.

# Scholarships and Prizes
*10 Kelburn Parade; Tel. 463 5113 and 463 5557; Fax 463 6480*
*Email: scholarships-office@vuw.ac.nz; Website: www.victoria.ac.nz/scholarships*

The Scholarships Office is located within the Office of Research and Postgraduate Studies. The University offers a wide range of scholarships and prizes at undergraduate and postgraduate levels. Regulations and application forms for awards administered by the University can be downloaded from the University's website. Information regarding national and international awards can also be obtained from the website.

# Student Recruitment and Course Advice
*Level 1, Hunter Building; Tel. 463 5374 or 0800 VIC UNI (option 2);*
*Fax 463 5193; Email: course-advice@vuw.ac.nz*

Student Recruitment and Course Advice offers intending students informed advice about all the University's courses, degrees and diplomas, and provides assistance with the application process. A Māori liaison officer/Kaitakawaenga Māori and a Pacific liaison officer are available to help Māori and Pacific students gain the most from their university experience, and a postgraduate liaison officer provides information about graduate, postgraduate and post-experience programmes. We also have liaison officers in Auckland who are able to assist prospective students in the Upper North Island.

Student Recruitment and Course Advice promotes the University nationally through careers events as well as school and community visits. It welcomes enquiries from all prospective students.

# Student Services
*14 Kelburn Parade (Director); Tel. 463 5423; Fax 463 5252*
*Email: student-services@vuw.ac.nz; Website: www.victoria.ac.nz/st_services*

The Student Services group offers a variety of support services on all four campuses to enable students to make the most of their study and time at Victoria. Key services are as follows.

### • Accommodation Service
*Level 1, Student Union Building; Tel. 463 5896; Fax 463 9974*
*Email: accommodation@vuw.ac.nz*

The Accommodation Service operates a letting service giving up-to-date listings of accommodation available to students and information on the likely costs of flatting, current rent levels and tenancy agreements. The Service can also advise on problems that may arise through flatting.

*Halls of Residence:* Applications for a place in a Hall of Residence are made through the Accommodation Service. There are 13 halls available, offering accommodation for all kinds of students.

*Homestay accommodation* with a family (minimum stay one month) is arranged for international students by the Accommodation Service.

### • Career Development and Employment
*14 Kelburn Parade; Tel. 463 5393; Fax 463 5252*
*Email: careers-service@vuw.ac.nz; Online CareerHub: http://careerhub.vuw.ac.nz*

Vic Careers provides online and campus-based services, programmes and information to help students and graduates investigate career options, look for work and be up to date on employment issues.

Services include confidential appointments to discuss career plans, regular workshops on topics such as CV and covering letter preparation, interviews, psychometric assessments, job searching and skills development. There is a CV-checking service and a 24/7 job vacancy service called CareerHub for full- and part-time jobs as well as vacation work and internships. The Careers website includes

further information on graduate destinations and valuable career tips. Career fairs and graduate recruitment programmes are held throughout the year. The Careers Resource Library includes computer-assisted careers resources and free Internet access.

### • Counselling Service

*2 Wai-te-ata Road; Tel. 463 5310; Fax 463 6009*
*Email: counselling-service@vuw.ac.nz*

University counsellors are available for students who wish to discuss personal or academic issues which may be affecting their general sense of well-being, relationships or learning. The aim of the Service is to enable students to deal quickly and effectively with difficulties, stress or other issues that may impair their work or the enjoyment and satisfaction they expect from their time at the University. The service also offers a range of group programmes.

### • Disability Support Services

*Ground Floor, Robert Stout Building; Tel. 463 6070; Fax 463 5104*
*Email: disability@vuw.ac.nz*

Assistance is available for students who have an impairment or health condition that impacts on their learning at the University. Disability Support Services (DSS) works in partnership with students with impairments and University staff to minimise barriers to study so that students can reach their full potential. DSS offers advice, advocacy, support and services that can be tailored to meet individual student needs. Services include: advice on adaptive technology requirements; rest and study rooms; test and exam arrangements; sign language interpreting; note-taking support for lectures; alternative formatting for students who find print material difficult to access; mobility parking; ergonomic furniture; and mentoring for students making the transition to University from secondary school.

### • Early Childhood Education Centres

*2 Clermont Terrace, 4 Clermont Tce; Tel. 463 5151 (Manager)*

These centres offer high-quality care and education for the children of University staff or postgraduate students. There is a waiting list for children of all ages, and a child's name may be placed on it by contacting the manager.

Children from the age of three months to five years are catered for. Full- or part-time care is available five days a week except during the University's closedown period. There are also centres for the children of Māori staff and students (see under Māori Services).

### • Financial Support and Advice

*14 Kelburn Parade (courtyard entrance); Tel. 463 6644; Fax 463 5252*
*Email: student-hardship@vuw.ac.nz*

The Student Finance Advisers provide budget advice and help students cope with money problems. They administer the Student Assistance Scheme, which gives financial aid to those facing exceptional hardship. All currently enrolled students are eligible to apply for a grant or loan from the fund.

### • Kaiwawao Māori – Māori Student Services Adviser
*Room 007, Hunter Courtyard, Kirk Wing Level 0; Tel. 463 6001; Fax 463 5400*
*Email: kaiwawao-maori@vuw.ac.nz*

The Kaiwawao Māori provides Māori students with information and assistance to ensure they participate and succeed at university. Services include up-to-date information and advice on the various services offered by the Student Services Group and the wider University, referrals to other services (if required), information, advice and assistance on scholarships, and advocacy for Māori students. All enquiries are welcome.

### • Manaaki Pihipihinga Programme
*14 Kelburn Parade (courtyard entrance); Tel. 463 6015; Fax 463 5252*
*Email: Manaaki-Pihipihinga-Programme@vuw.ac.nz*

This programme for Māori and Pacific students in the Faculty of Humanities and Social Sciences and the Faculty of Commerce and Administration provides mentoring and academic support, promotes active learning, and assists students to integrate into University life.

The Pacific Support Coordinator (Tel. 463 5842 or 027 563 5842; Email: Pacific-Support-Coord@vuw.ac.nz) links Pacific students to all of the support services and networks they need to achieve at University.

### •Student Creche
*67, 69, 71 Fairlie Terrace; Law School, Lambton Quay; Tel. 463 5151 (Manager);*
*463 5021 (Administrator); Email: childcare@vuw.ac.nz*

The Student Creche is open from 8am to 5.30pm throughout the year. During the first two trimesters it may be possible to book until 6pm if you have classes to that time. Student parents have priority but there may be community places available from November to February. The creche closes only over the Christmas period when the University is also closed. Intending users must book places by the first Monday in November for the following academic year. A Law School Creche at Pipitea Campus operates for a small number of children under three and a half years. Children may be booked in from a few hours a week to full time. No casual places are available in any of the centres.

### • Student Health Service
*4 Wai-te-ata Road; Tel. 463 5308; Fax 463 5028*
*Email: student-health@vuw.ac.nz*
*Website: http://www.victoria.ac.nz/st_services/health*

The Student Health Service aims to help students maintain a good state of health and well-being so that they can study successfully. Student Health is a general medical practice that caters for students and their health needs on campus. Specialists in dermatology and psychiatry are available on referral from Student Health. Student Health can also help with special examination facilities and aegrotat procedures if students have an illness affecting their exam attendance or performance.

The clinic is open Monday to Friday during all trimesters. Opening hours, available services and charges are displayed on the Student Health website. Hours are extended during exam time.

**Information**

Applications can be made to the Director Student Services, within the first four weeks of payment, for a refund of the Student Health component of the Student Services Levy for special circumstances. Forms are obtainable from the Student Health Service or Director Student Services.

### • Student Learning Support Service
*Kirk Wing Level 0 (off Hunter Courtyard); Tel. 463 5999; Fax 463 5400*
*Email: student-learning@vuw.ac.nz*

The Service offers learning assistance in the areas of study skills, writing and essay skills, and maths and statistics skills to students wanting to improve their academic performance. Free workshops, small group sessions, individual tuition, customised courses, drop-ins for ESOL students, and seminars and consultations for postgraduate students are offered throughout the academic year. Self-help resources for students are also available from the office.

## Students' Association
*VUWSA Office: Ground floor, Student Union Building; Tel. 463 6716;*
*Fax 463 6990; Email: admin@vuwsa.org.nz*

The Victoria University Students' Association Te Ropu Tauira o te Kura Wānanga o te Ūpoko o te Ika a Māui (VUWSA) exists to promote the interests and welfare of students within the University and to the Government, and to provide services to its members.

The annual fee paid by students funds a wide range of activities and services, including the weekly student newspaper *Salient* and Student Job Search and part of the Student Union Complex (which includes the Recreation Centre). VUWSA also provides financial and administrative support for nearly 80 sports and cultural clubs affiliated to it, and organises social events including bars, live performers and the Orientation festival held at the beginning of each academic year. It coordinates the University's class representative system, through which students are elected to liaise between the students in a course and the academic staff teaching that course over any minor problems.

## Student Union
*Student Union Building; Tel. 463 6999; Fax 463 6698*
*Website: www.victoria.ac.nz/union*

The Student Union provides a wide variety of cultural, recreational, sporting and social activities, catering to the needs of students, staff and others in the University community across the various campuses. Facilities include the Student Union Building, Memorial Theatre, Recreation Centre, tennis courts and pavilion and Boyd Wilson field, as well as a range of services at the Karori and Pipitea Campuses.

### • Student Union Building
*Tel. 463 6999; Fax. 463 6698*
*Website: www.victoria.ac.nz/union*

Businesses operating from the building include a bank branch (with ATM), the Victoria Book Centre, STA Travel, Student Job Search, Student Notes, Physiotherapy,

two cafes and a student computing suite. It is also the home of the VUW Students' Association, the student newspaper *Salient* and Ngai Tauira.

### • Recreation Services
*Tel 463 6614; Website: www.victoria.ac.nz/reccentre*

A wide range of recreation services is provided for students and staff. A newly renovated centre on the Kelburn campus, open seven days a week, offers facilities for indoor sports such as basketball, volleyball and indoor netball, and a fitness studio and Pilates studio provide fitness and cardio services and group exercise classes. On the Pipitea Campus a new gymnasium in Rutherford House also provides weights and cardio machines and a group exercise programme. The Karori Campus has a gym, a dance room and tennis and netball courts, and offers a group exercise programme. A public swimming pool is adjacent to the Karori Campus.

## University Teaching Development Centre
*10 Wai-te-ata Road; Tel. 463 9786; Fax 463 5284*
*Website: www.utdc.vuw.ac.nz*

The University Teaching Development Centre (UTDC) (Te Kōtuinga Mātauranga) provides professional development and advice to the University's Schools and Faculties as well as individual members of staff on course design, research-led learning and teaching, assessment, the use of flexible and distance learning technologies, student evaluation and tutor training. The UTDC provides a variety of workshops on current practice and innovation in higher education, informed through research undertaken by the UTDC academic staff. It also organises the Orientation to Academic Life programme for new academic staff each year, supplies policy advice to the University on teaching and learning, supports the University's online learning management system (Blackboard), and provides specialised support for Māori and Pacific academic staff. As well as undertaking formative programme and course evaluation, the UTDC also oversees the teaching and learning aspects of academic programme reviews, and administers the student evaluation of teaching and courses.

## Victoria International
*Level 2, Rutherford House; Tel. (+64 4) 463 5350; Fax (+64 4) 463 5056*
*Email: victoria-international@vuw.ac.nz;*
*Website: www.victoria-international.ac.nz*

Victoria International offers international students informed advice about all the University's courses, degrees and diplomas. It also provides a link between the University and New Zealand and international communities, attracting students to study at Victoria University.

   The staff assist in ensuring that international students' applications for admission to courses are processed efficiently, and provide ongoing support for international students throughout their studies at the University.

   Victoria International is involved in the marketing of the University. It also has administrative responsibility for student exchange and study abroad programmes and for the students who are funded through sponsorship by agencies such as the Ministry of Foreign Affairs and Trade, Rotary and Fulbright.

**Information**

# Victoria Link Limited

*18 Kelburn Parade; Tel. 463 5135; Fax 463 5199*
*Website: www.vic-link.co.nz*

Victoria Link is the University's commercial arm through which private sector research contracts, consultancy services, and intellectual property management and commercialisation are conducted. Staff, Schools and Research Centres wishing to engage in such activities are expected to work through the Company, which in return provides assistance in market research, building business relationships with industry, negotiating and managing contracts dealing with intellectual property. The Company pursues an active marketing strategy under which the University research programmes are aligned with industry demands, and University IP is matched to business opportunity.

# Victoria University of Wellington Foundation

*Rooms 304, 307 and 308, Hunter Building; Tel. 463 5109; Fax 463 5210*
*Email: vuw-foundation@vuw.ac.nz*

The Foundation was established in 1990 as a registered charitable trust. Its purpose is to raise funds for projects that the University has identified as priorities, but which cannot be funded out of the University's budget. Donations are sought from corporate and public sector sponsors, from alumni and friends, and from community trusts and foundations. The Foundation has raised more than $33 million to date.

Assisting the Foundation are many senior business and community leaders, largely Victoria alumni, who have a concern for, and a commitment to, ensuring the future development of the University through the provision of additional funding. Such funds lead to an enhancement of academic programmes and enable the provision of services such as additional student accommodation and student scholarships.

# Victoria University Press

*49 Rawhiti Terrace; Tel. 463 6580; Fax 463 6581*
*Email: victoria-press@vuw.ac.nz*

The Press considers University-related works for publication. Books so published bear the Victoria University Press imprint, and a significant number have won prestigious awards.

Early discussion with the publisher is advisable for prospective authors, but no firm commitment for publication will be entered into until the Press is able to make an evaluation of a completed manuscript.

# Honorary Graduates

| | | | |
|---|---|---|---|
| Adam, Denis Frederick | LitD 2001 | * Hatherton, Trevor | DSc 1991 |
| * Aikman, Colin Campbell | LLD 1992 | Havel, Vaclav | LitD 1995 |
| * Alley, Rewi | LitD 1972 | Hardie Boys, Michael | LLD 1997 |
| Anthony, John Douglas | LLD 1983 | Hickman, John Sedgley | DSc 1990 |
| Ashcroft, Neil William | DSc 1996 | Hillary, Edmund Percival | LLD 1970 |
| * Aspey, Vincent | DMus 1974 | Hogg, Peter Wardell | LLD 2006 |
| Athfield, Ian Charles | LitD 2000 | Holborow, Leslie Charles | LLD 1998 |
| Axford, William Ian | DSc 1999 | * Holcroft, Montague Harry | LitD 1976 |
| * Bagnall, Austin Graham | LitD 1979 | Holmes, Frank Wakefield | DCom 2004 |
| Barnett, John Daniel | DCom 2007 | | |
| Barton, George Paterson | LLD 1987 | * Holyoake, Keith Jacka | LLD 1966 |
| Baxter, Jacqueline Cecilia | LitD 2003 | Ihimaera, Witi | LitD 2004 |
| * Beaglehole, John Cawte | LitD 1968 | * Ilott, John Moody Albert | LLD 1964 |
| * Beeby, Clarence Edward | LitD 1970 | Jackson, Michael Derek | LitD 2006 |
| * Bertram, James Munro | LitD 1981 | Jones, Albert Francis | |
| Blumhardt, Doreen | LitD 1991 | Arthur Lofley | DSc 2004 |
| Boyce, Raymond | LitD 1990 | Karetu, Timoti Samuel | LitD 2003 |
| Brown, Gordon Harold | LitD 2002 | Keith, Kenneth James | LLD 2004 |
| * Burchfield, Robert William | LitD 1983 | Kelly, Michael Joseph | DSc 2002 |
| Campbell, Alistair Te Ariki | LitD 1999 | * King, Michael | LitD 1997 |
| * Campbell, Ian Drummond | LLD 1977 | Laking, George Robert | LLD 2002 |
| Campion, Jane Elizabeth | LitD 1999 | * Lang, Henry George | LLD 1984 |
| Caygill, David Francis | DCom 2004 | Lee, Seng Tee | LitD 2006 |
| | | * Liley, Albert William | DSc 1971 |
| Clarke, John Morrison | DLitt 2007 | * Llewellyn, Frederick John | LLD 1966 |
| Commons, Jeremy Paul Axford | DLitt 2006 | * Lynch, Philip Patrick | LLD 1971 |
| * Cooke, Robin Brunskill | LLD 1989 | * MacDiarmid, Alan Graham | DSc 1999 |
| Corner, Frank Henry | LLD 2005 | Malahoff, Alexander | DSc 2001 |
| Cresswell, Lyell Richard | DMus 2002 | * Manuera, Eruera Riini | LitD 1979 |
| | | * Marsden, Ernest | DSc 1965 |
| * Davies, Sonja Margaret | | * Marshall, John Ross | LLD 1975 |
| Loveday | LLD 1987 | * Marshall, Thurgood | LLD 1968 |
| Deane, Roderick Sheldon | LLD 1999 | * Mason, Bruce Edward George | LitD 1977 |
| * de la Mare, Peter Bernard David | DSc 1983 | * Mason, Henry Greathead Rex | LLD 1967 |
| Dewes, Te Kapunga (Koro) | | Mata'afa, Masiofo Fetauimalemau | LLD 1976 |
| Matemoana | LitD 2004 | * McCarthy, Thaddeus Pearcy | LLD 1978 |
| Douglas, Kenneth George | LLD 1999 | McCaw, Peter Malcolm | LLD 1988 |
| Durie, Edward Taihakurei Junior | LLD 1990 | McDonald, Geraldine | LitD 1993 |
| Eichelbaum, Thomas | LLD 1998 | McGrath, John Joseph | LLD 1992 |
| * Fleming, Charles Alexander | DSc 1967 | * McKenzie, Donald Francis | LitD 1997 |
| Fraser, John Douglas | LLD 1991 | * McKenzie, Roy Allan | DCom 2004 |
| Gee, Maurice Gough | LitD 1987 | * Mete-Kingi, Whakaari | |
| * Glover, Denis James Matthews | LitD 1975 | Te Rangitakuku | LLD 1979 |
| * Gnatt, Poul | LitD 1994 | * Miller, Harold Gladstone | LitD 1966 |
| * Gordon, Ian Alistair | LitD 2004 | * Miller, Joseph Holmes | DSc 1979 |
| Grace, Patricia | LitD 1989 | Moller, Gordon Desmond | DLitt 2006 |
| Gray, Douglas | LitD 1995 | * Murchie, Erihapeti Rehu | LLD 1990 |
| Hall, Roger Leighton | LitD 1996 | * Nash, Walter | LLD 1963 |
| Hanratty, Judith Christine | LLD 2005 | Ngata, Henare Kohere | LLD 1979 |

| | | |
|---|---|---|
| * O'Brien, Kevin Benjamin | LLD | 1984 |
| Oliver, William Hosking | LitD | 1990 |
| Orr, Elizabeth Welch | LitD | 1997 |
| O'Regan, Tipene Gerard | DCom | 2006 |
| * O'Shea, John Dempsey | LitD | 1978 |
| Palmer, Geoffrey Winston Russell | LLD | 2002 |
| * Parker, Wiremu | LitD | 1986 |
| * Paul, Janet Elaine | LitD | 1992 |
| Pere, Rose Marie Lambert Rangimarie Turuki | LitD | 1996 |
| Porter, Frances Ann | LitD | 1993 |
| * Powles, Guy Richardson | LLD | 1969 |
| Prior, Ian Ambury Miller | DSc | 1988 |
| Puketapu, Ihakara Porutu | LLD | 2002 |
| Quentin-Baxter, Alison Burns | LLD | 2003 |
| Reeves, Paul Alfred | LLD | 1989 |
| Richardson, Ivor Lloyd Morgan | LLD | 1989 |
| Robinson, Geoffrey Charles | LitD | 2005 |
| Robinson, William Henry | DSc | 1995 |
| Schaeffer, Glenn | LitD | 2003 |
| * Scott, Walter James | LitD | 1980 |
| Searle, Shayle Robert | DSc | 2005 |
| * Simpson, Miria | LitD | 1998 |
| * Simpson, Richard Spence Volkmann | LLD | 1976 |
| * Somerset, Gwendolen Lucy | LLD | 1975 |
| Sparrow, Margaret June | DSc | 1993 |
| Stevenson, David John | DSc | 2002 |
| * Stout, Thomas Duncan Macgregor | LLD | 1971 |
| Suu Kyi, Aung San | LLD | 1999 |
| * Szászy, Miraka Petricevich | LLD | 1993 |
| Tabai, Ieremia | LLD | 1990 |
| * Taylor, Daniel Brumhall Cochrane | LLD | 1983 |

| | | |
|---|---|---|
| Taylor, Richard Leslie | LitD | 2004 |
| * Te Atairangikaahu, Te Arikinui | LLD | 1999 |
| Te Kanawa, Kiri Jeanette Claire | DMus | 2006 |
| Te Rangi Tawhiwhirangi, Iritana | DLitt | 2006 |
| Thompson, Wade Bruce Francis | DCom | 2007 |
| * Thomson, John Mansfield | DMus | 1991 |
| Trotter, Ronald Ramsay | LLD | 1984 |
| * Tyndall, Arthur | LLD | 1973 |
| Walsh, Frances Rosemary | LitD | 2005 |
| Weir, Gillian Constance | DMus | 1983 |
| Wendt, Albert | LitD | 2005 |
| Whitehead, Gillian Karawe | DMus | 2003 |
| Whittle, Peter | DSc | 1987 |
| * Wild, Herbert Richard Churton | LLD | 1969 |
| Wilde, Frances Helen | LLD | 2004 |
| * Williams, James | LLD | 1968 |
| * Wodzicki, Kazimierz Antoni z Granowa | DSc | 1980 |
| Woodhouse, Arthur Owen | LLD | 1978 |
| Young, Leslie | DCom | 2003 |
| * Ziman, John Michael | DSc | 1985 |

*\* Deceased*

*Note: On 5 December 2006, the abbreviation of the degree Doctor of Literature was changed from LitD to DLitt.*

# Awards for Distinguished Service

*Awarded by the University Council between 1993 and 1999 in recognition of a major contribution to Victoria University of Wellington over a substantial number of years.*

| | | |
|---|---|---|
| Adam, Denis F | 1999 |
| Arnold, Len R | 1995 |
| Beaglehole, Timothy | 1994 |
| Bell, Marie | 1999 |
| Boyd, Ian H | 1993 |
| Dasent, Wilfred E | 1999 |
| Halim bin Saad | 1999 |

| | |
|---|---|
| Hutchison, Margaret M | 1994 |
| * Ilott, Jack | 1998 |
| * Johnston, Stuart F W | 1999 |
| *McKenzie, Roy A | 1999 |
| Parkin, Chris | 1995 |
| * Shorland, Brian | 1995 |
| Upchurch, Ruth | 1993 |

*\* Deceased*

# Hunter Fellows

*The Hunter Fellowships were instituted in 2003 for award by the University Council
in recognition of outstanding contributions to the advancement of
Victoria University of Wellington.*

| | | | |
|---|---|---|---|
| Baines, Paul E A | 2003 | Keith, Jocelyn | 2003 |
| Blumsky, Mark | 2004 | McLean, John L | 2003 |
| Borrin, Ian A | 2003 | Ogden, James H | 2004 |
| Cameron, Robert L | 2003 | Orr, Adrian | 2006 |
| Christie, Richard | 2003 | Shewan, John | 2004 |
| Dinsdale, Andrew J | 2006 | Thom, Denis G | 2003 |
| * Gordon, Gerard J | 2003 | Thomson, Andrew | 2004 |
| Hampton, Marie | 2005 | Wakem, Beverley A | 2004 |

*\* Deceased*

Information

# Index of Codes for Courses, Major Subjects and Specialisations

| Code | Subject | Administered by |
| --- | --- | --- |
| ACCY | Accounting | School of Accounting & Commercial Law |
| ACMN | Acute Medical Nursing | Graduate School of Nursing, Midwifery and Health |
| ALIN | Applied Linguistics | School of Linguistics & Applied Language Studies |
| ALMH | Allied Mental Health (for PGCertHealth) | Graduate School of Nursing, Midwifery and Health |
| AMAT | Advanced Materials | School of Chemical & Physical Sciences |
| ANTH | Anthropology | School of Social & Cultural Studies |
| APST | Applied Statistics | School of Mathematics, Statistics & Computer Science |
| ARCH | Architecture | School of Architecture |
| ARCS | Architectural Studies (for BA major) | Faculty of Architecture & Design |
| ARTH | Art History | School of Art History, Classics & Religious Studies |
| ARTT | Creative Arts Therapy (for PGCertHealth) | Graduate School of Nursing, Midwifery and Health |
| ASIA | Asian Studies | Board of Asian Studies |
| ASLG | Asian Languages | School of Asian & European Languages & Cultures |
| ATRN | Assessment, Treatment & Rehabilitation (for PGCertClinNurs) | Graduate School of Nursing, Midwifery and Health |
| BASC | Science Subjects (for BA major) | Faculty of Humanities & Social Sciences |
| BBSC | Building Science | School of Architecture |
| BCHM | Biochemistry and Molecular Biology (to 2000) | School of Biological Sciences |
| BIOL | Biology | School of Biological Sciences |
| BITT | Information Technology | School of Mathematics, Statistics & Computer Science |
| BMAR | Marine Biology | School of Biological Sciences |
| BMSC | Biomedical Science | School of Biological Sciences |
| BOTY | Botany (to 2001) | School of Biological Sciences |
| BRID | Bridging Education | Centre for Continuing Education and Executive Development |
| BTEC | Biotechnology | School of Biological Sciences |
| CACT | Cardiac/Cardiothoracic (for PGCertClinNurs) | Graduate School of Nursing, Midwifery and Health |
| CART | Cartography (to 1994) | School of Geography, Environment & Earth Sciences |
| CBIO | Cell & Molecular Bioscience | School of Biological Sciences |
| CELL | Cell and Developmental Biology (to 2000) | School of Biological Sciences |
| CHEM | Chemistry | School of Chemical & Physical Sciences |
| CHIN | Chinese | School of Asian & European Languages & Cultures |
| CHPR | Chemical Products and Processes | School of Chemical & Physical Sciences |
| CHRM | Certificate in Human Resource Management (to 2003) | Victoria Management School |
| CLAS | Classical Studies | School of Art History, Classics & Religious Studies |
| CMPG | Computing (for BA major) | School of Mathematics, Statistics & Computer Science |
| CMPO | Music Composition | New Zealand School of Music |
| CMSP | Certificate of Management Studies | Victoria Management School |
| CNCR | Cancer Nursing | Graduate School of Nursing & Midwifery |
| COHE | Community Health (for PGCertClinNurs) | Graduate School of Nursing & Midwifery |
| COML | Commercial Law | School of Accounting & Commercial Law |
| COMM | Communications | School of Information Management |
| COMP | Computer Science | School of Mathematics, Statistics & Computer Science |

| Code | Subject | Administered by |
|------|---------|-----------------|
| COMR | Commerce | Faculty of Commerce and Administration |
| CONB | Conservation Biology | School of Biological Sciences |
| CONS | Conservation Science (to 2004) | School of Biological Sciences |
| COOK | Cook Islands Māori (from 1993. See KUKI) | Te Kawa a Māui - School of Māori Studies |
| CPSY | Cross-cultural Psychology | School of Psychology |
| CREW | Creative Writing (from 2002) | International Institute of Modern Letters |
| CRHB | Cardiac Rehabilitation | Graduate School of Nursing, Midwifery and Health |
| CRIM | Criminology; Criminal Justice for MA (by thesis) and MA (Applied) (1995-97) | School of Social & Cultural Studies |
| CRIT | Comparative Literature | School of Asian & European Languages & Cultures |
| CSEN | Computer Systems Engineering | School of Mathematics, Statistics & Computer Science |
| CTEC | Chemistry and Technology | School of Chemical & Physical Sciences |
| CUPR | Certificate of University Preparation (subject to name-change approval) | Centre for Continuing Education and Executive Development |
| CUSE | Curriculum Studies | School of Early Childhood Teacher Education |
| CUST | Curriculum Studies | Faculty of Education |
| DEAF | Deaf Studies | School of Linguistics & Applied Language Studies |
| DECI | Decision Sciences | Victoria Management School |
| DESN | Design | School of Design |
| DEVE | Development Studies | School of Geography, Environment & Earth Sciences |
| DHRM | Postgraduate Diploma in Human Resource Management | Victoria Management School |
| DMDN | Digital Media Design | School of Design |
| DPAD | Diploma in Public Administration | School of History, Philosophy, Political Science & International Relations |
| DRAM | Theatre courses (to 2000) | School of English, Film, Theatre & Media Studies |
| DRCT | Directing | School of English, Film, Theatre & Media Studies |
| EBIO | Ecology and Biodiversity | School of Biological Sciences |
| EBUS | e-Business (for MIM) | School of Information Management |
| ECHI | Economic History | School of Economics & Finance |
| ECMM | e-Commerce (major) | School of Information Management |
| ECME | Econometrics (for major) | School of Economics & Finance |
| EDUC | Education | Faculty of Education |
| EINS | Electronics and Instrumentation | School of Chemical & Physical Sciences |
| ELCM | e-Commerce | School of Information Management |
| ELCO | Electronic and Computer Systems | School of Chemical & Physical Sciences |
| ELEC | Electronics | School of Chemical & Physical Sciences |
| ELIN | English as Second Language | School of Linguistics & Applied Language Studies |
| ENGL | English Literature | School of English, Film, Theatre & Media Studies |
| ENGR | Engineering Technology | School of Mathematics, Statistics & Computer Science |
| ENGS | English Studies | School of English, Film, Theatre & Media Studies |
| ENLA | English Language | School of English, Film, Theatre & Media Studies |
| ENVI | Environmental Studies | School of Geography, Environment & Earth Sciences |
| ERES | Ecological Restoration | School of Biological Sciences |
| ESCI | Earth Sciences | School of Geography, Environment & Earth Sciences |
| ETHM | Ethnomusicology | New Zealand School of Music |
| EURO | European Studies | School of Asian & European Languages & Cultures |
| EXEC | Executive Development | Centre for Continuing Education & Executive Development |

**Information**

| Code | Subject | Administered by |
|------|---------|-----------------|
| FCOM | Faculty of Commerce and Administration courses | Faculty of Commerce & Administration |
| FHSS | Faculty of Humanities and Social Sciences courses | Faculty of Humanities & Social Sciences |
| FILM | Film | School of English, Film, Theatre & Media Studies |
| FINM | Financial Mathematics | School of Economics & Finance |
| FNDN | Foundation Studies | Centre for Continuing Education and Executive Development |
| FREN | French | School of Asian & European Languages & Cultures |
| GBGM | Management Studies (for Cert MS) | Victoria Management School |
| GCHM | Geochemistry (to 1993) | School of Geography, Environment & Earth Sciences |
| GCPM | Project Management (for GCBM) | School of Architecture |
| GDBA | Postgraduate Diploma in Business Administration (to 2003) | Victoria Management School |
| GDFM | Facility Management (for GDBM) | School of Architecture |
| GDMK | Postgraduate Diploma in Marketing | School of Marketing and International Business |
| GDPM | Project Management (for GDBM) | School of Architecture |
| GEMB | Genetics/Biology (to 2000) | School of Biological Sciences |
| GEND | Gender and Women's Studies | School of Education Studies |
| GENE | Genetics and Molecular Biology (to 2000) | School of Biological Sciences |
| GEOG | Geography | School of Geography, Environment & Earth Sciences |
| GEOL | Geology | School of Geography, Environment & Earth Sciences |
| GERM | German | School of Asian & European Languages & Cultures |
| GERO | Gerontology | Graduate School of Nursing & Midwifery |
| GMBI | Geomicrobiology | School of Biological Sciences |
| GPHS | Geophysics | School of Geography, Environment & Earth Sciences |
| GREE | Greek | School of Art History, Classics & Religious Studies |
| HEAL | PGCertHealth | Graduate School of Nursing & Midwifery |
| HGEN | Human Genetics | School of Biological Sciences |
| HIST | History | School of History, Philosophy, Political Science & International Relations |
| HLIT | History and Literature of Music (to 2005) | New Zealand School of Music |
|      | History and Literature of Western Music (from 2006) | New Zealand School of Music |
| HMSC | Heritage Materials Science | School of Chemical & Physical Sciences |
| HRIR | Human Resource Management and Industrial Relations | Victoria Management School |
| HYDR | Hydrology | School of Geography, Environment & Earth Sciences |
| IBUS | International Business | School of Marketing & International Business |
| IDDN | Industrial Design | School of Design |
| IMBA | International MBA | Victoria Management School |
| INCO | Internet Computing | School of Mathematics, Statistics & Computer Science |
| INDO | Indonesian Language (to 1999) | School of Asian & European Languages & Cultures |
| INET | Internet Technology (to 2004) | School of Mathematics, Statistics & Computer Science |
| INFO | Information Science (to 1983) | Faculty of Science |
| INFO | Information Systems | School of Information Management |
| INRC | Industrial Relations (to 2003) | Victoria Management School |
| INSR | Information Services (for MIM) | School of Information Management |
| INST | Advanced Instrumental Techniques (to 2000) | School of Chemical & Physical Sciences |
| INTA | Interior Architecture (for major) | School of Design |
| INTC | Intensive Care (for PGCertClinNurs) | Graduate School of Nursing & Midwifery |

| Code | Subject | Administered by |
| --- | --- | --- |
| INTD | Interdisciplinary Science (for major) | Faculty of Science |
| INTP | International Relations | School of History, Philosophy, Political Science & International Relations |
| INTR | International Relations (to 1990) | School of History, Philosophy, Political Science & International Relations |
| IOPS | Industrial and Organisational Psychology (to 2004) | School of Psychology |
| ITAL | Italian | School of Asian & European Languages & Cultures |
| ITDN | Interior Architecture | School of Design |
| JAPA | Japanese | School of Asian & European Languages & Cultures |
| JAZZ | Jazz | New Zealand School of Music |
| JAZA | Jazz Arranging | New Zealand School of Music |
| JAZP | Jazz Performance | New Zealand School of Music |
| KORE | Korean | School of Asian & European Languages & Cultures |
| KUKI | Cook Islands Māori (1992 only; see COOK) | Te Kawa a Māui - School of Māori Studies |
| LADN | Landscape Architecture | School of Design |
| LALS | Linguistics/Applied Linguistics | School of Linguistics & Applied Language Studies |
| LANG | Modern Languages | School of Asian & European Languages & Cultures |
| LATI | Latin | School of Art History, Classics & Religious Studies |
| LAWS | Law | Faculty of Law |
| LEGL | Legal | Faculty of Law |
| LIBR | Library and Information Studies | School of Information Management |
| LING | Linguistics | School of Linguistics & Applied Language Studies |
| LOCO | Logic & Computation | School of Mathematics, Statistics & Computer Science |
| LOGI | Logic | School of History, Philosophy, Political Science & International Relations |
| MACS | Mathematical and Computing Sciences (to 2002) | School of Mathematics, Statistics & Computer Science |
| MADM | Managerial Decision Making (to 2004) | Victoria Management School |
| MAIN | Malay/Indonesian | School of Asian & European Languages & Cultures |
| MAOR | Māori Studies | Te Kawa a Māui - School of Māori Studies |
| MAPP | Public Policy (for MPP) | School of Government |
| MARK | Marketing | School of Marketing & International Business |
| MATH | Mathematics | School of Mathematics, Statistics & Computer Science |
| MATS | Materials Science (to 2000) | School of Chemical & Physical Sciences |
| MBIO | Microbiology | School of Biological Sciences |
| MBUS | Māori Business | Victoria Management School |
| MDEQ | Modelling and Differential Equations | School of Mathematics, Statistics & Computer Science |
| MDIA | Media Studies | School of English, Film, Theatre & Media Studies |
| MENT | Mental Health | Graduate School of Nursing & Midwifery |
| MFBP | Maxillofacial Burns & Plastics (PGCertAdvNurs) | Graduate School of Nursing & Midwifery |
| MFIN | Maths of Finance and Insurance (for GDipSc) | School of Mathematics, Statistics & Computer Science |
| MGMT | Management | Victoria Management School |
| MGSC | Management Science | Victoria Management School and Faculty of Science |
| MHST | Museum and Heritage Studies | School of Art History, Classics & Religious Studies |
| MIDW | Midwifery | Graduate School of Nursing & Midwifery |
| MMAF | Master of Applied Finance | School of Economics & Finance |
| MMBA | MBA | Victoria Management School |
| MMBI | Molecular Microbiology | School of Biological Sciences |
| MMIM | Master of Information Management | School of Information Management |
| MMMS | Management Studies | Victoria Management School |

Information

| Code | Subject | Administered by |
|------|---------|-----------------|
| MMPM | Public Management | School of Government |
| MUSC | Music Studies | New Zealand School of Music |
| MUSI | Music | New Zealand School of Music |
| MWIF | Midwifery (major) | Graduate School of Nursing & Midwifery |
| MXED | Mathematics Education | School of Mathematics, Statistics & Computer Science |
| NEON | Neonatal Care (for PGCertClinNurs) | Graduate School of Nursing & Midwifery |
| NEPH | Nephrology (for PGCertClinNurs) | Graduate School of Nursing & Midwifery |
| NRSE | Nursing (major) | Graduate School of Nursing & Midwifery |
| NURS | Nursing | Graduate School of Nursing & Midwifery |
| NZLI | New Zealand Literature | School of English, Film, Theatre & Media Studies/Stout Research Centre |
| NZSM | New Zealand School of Music | New Zealand School of Music |
| NZST | New Zealand Studies | Director, Stout Research Centre |
| OPRE | Operations Research | School of Mathematics, Statistics & Computer Science |
| ORST | Operations Research and Statistics | School of Mathematics, Statistics & Computer Sciences |
| ORTH | Orthopaedics (for PGCertClinNurs) | Graduate School of Nursing & Midwifery |
| PAED | Paediatrics (for PGCertClinNurs) | Graduate School of Nursing & Midwifery |
| PERI | Perioperative (for PGCertClinNurs) | Graduate School of Nursing & Midwifery |
| PMGT | Public Management (for GDipCom) | School of Government |
| PADM | Master of Public Management (Executive) | School of Government |
| PALC | Palliative Care | Graduate School of Nursing & Midwifery |
| PASI | Pacific Studies | Va'aomanu Pasifika |
| PBHY | Public History | School of History, Philosophy, Political Science & International Relations |
| PERF | Music Performance (to 2005) | School of Music |
|      | Classical Performance (from 2006) | New Zealand School of Music |
| PGEO | Petroleum Geoscience | School of Geography, Environment & Earth Sciences |
| PGGC | Petroleum Geology & Geochemistry | School of Geography, Environment & Earth Sciences |
| PHDN | Photographic Design (to 1999) | School of Design |
| PHIL | Philosophy | School of History, Philosophy, Political Science & International Relations |
| PHSI | Physiology (to 2001) | School of Biological Sciences |
| PHYG | Physical Geography | School of Geography, Environment & Earth Sciences |
| PHYS | Physics | School of Chemical & Physical Sciences |
| POLS | Political Science | School of History, Philosophy, Political Science & International Relations |
| PSYC | Psychology | School of Psychology |
| PUBA | Public Administration (to 2002) | School of History, Philosophy, Political Science & International Relations |
| PUBL | Public Policy | School of Government |
| QUAN | Econometrics | School of Economics & Finance |
| RECN | Recreation and Leisure Studies for MA and MA(Applied) | School of Art History, Classics & Religious Studies |
| REHB | Rehabilitation Studies (to 1997) | MA(Applied) Board of Studies |
| RELI | Religious Studies | School of Art History, Classics & Religious Studies |
| RUSS | Russian (to 2001) | School of Asian & European Languages & Cultures |
| SACS | Social and Cultural Studies | School of Social & Cultural Studies |
| SAMO | Samoan Studies | Va'aomanu Pasifika |
| SCED | Science Education | Faculty of Science |
| SCIE | Science | Faculty of Science |

| Code | Subject | Administered by |
|------|---------|----------------|
| SEFT | English, Film and Theatre | School of English, Film, Theatre & Media Studies |
| SGTC | Singing Teaching | New Zealand School of Music |
| SLED | Second Language Education | School of Linguistics & Applied Language Studies |
| SNRT | Special Needs Resource Teaching | School of Education Studies |
| SOSC | Sociology | School of Social & Cultural Studies |
| SOWK | Social Work (for MA(Applied), DipSocWk and DipAdvSocWk) (to 1999) | Faculty of Humanities & Social Sciences |
| SPAN | Spanish | School of Asian & European Languages & Cultures |
| SPFI | Stochastic Processes in Finance and Insurance | School of Mathematics, Statistics & Computer Science |
| SPOL | Social Policy | School of Social & Cultural Studies |
| SSRE | Social Science Research | School of Social & Cultural Studies |
| STAT | Statistics | School of Mathematics, Statistics & Computer Science |
| STOM | Strategic Operations Management (to 2004) | Victoria Management School |
| STOR | Statistics and Operations Research (for Hons) | School of Mathematics, Statistics & Computer Science |
| STRA | Master of Strategic Studies | School of Government |
| SWEN | Software Engineering | School of Mathematics, Statistics & Computer Science |
| TCPR | Teaching Primary (for BTeach conjoints) | School of Primary and Secondary Teacher Education |
| TCPS | Teaching Primary and Secondary (for BTeach conjoints) | School of Primary and Secondary Teacher Education |
| TCSC | Teaching Secondary (for BTeach conjoints) | School of Primary and Secondary Teacher Education |
| TEAC | Teaching | Faculty of Education |
| TEAP | Teaching Practice | Faculty of Education |
| TECH | Technology | School of Chemical & Physical Sciences |
| THEA | Theatre | School of English, Film, Theatre & Media Studies |
| THFI | Theatre and Film | School of English, Film, Theatre & Media Studies |
| TOUR | Tourism Management | Victoria Management School |
| TRAU | Trauma & Emergency | Graduate School of Nursing & Midwifery |
| TREO | Te Reo Māori | Te Kawa a Māui - School of Māori Studies |
| TSOL | Teaching English to Speakers of Other Languages | School of Linguistics & Applied Language Studies |
| TXDN | Textile Design (to 1999) | School of Design |
| UTDC | University Teaching and Development Centre (for PGCertHLT) | University Teaching and Development Centre |
| VCDN | Visual Communications Design (to 1999) | School of Design |
| VLCN | Volcanology | School of Geography, Environment & Earth Sciences |
| WISC | Women's Studies (to 2004) | School of Education Studies |
| WRIT | Writing | School of Linguistics & Applied Language Studies |
| ZOOL | Zoology (to 2001) | School of Biological Sciences |

**Information**

# General Index

For details of subjects and courses offered, see the University's *Course Catalogue* or searchable website (*www.victoria.ac.nz*) or the prospectuses for faculties, schools and specific qualifications.

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# Notes