The Degree of Bachelor of Environmental Science with Honours (BEnvSci(Hons) – 480 Points)

These regulations must be read in conjunction with the General Regulations for the University.

1. Version

(a) These Regulations came into force on 1 January 2025.
(b) This degree was first offered in 2021.

2. Variations

In exceptional circumstances the Amo Matua, Pūtaiao | Executive Dean of Science or delegate may approve a personal programme of study which does not conform to these regulations.

3. The structure of the qualification

To qualify for the Bachelor of Environmental Science with Honours a student must be credited with a minimum of 480 points towards the qualification including;

(a) a minimum of 255 points from Schedule C to these Regulations; and
(b) a minimum of 135 points in a single major from Schedule S to these Regulations; and
(c) all remaining courses to be chosen from Schedule E to these Regulations including
    i. a minimum of 30 points from Group 1;
    ii. all remaining points must come from Group 2; and
(d) must complete ENVR300 Environmental Science Work Experience; and
(e) a minimum of 120 points at 400-level.

4. Admission to the qualification

All students must satisfy the Admission Regulations for the University to be admitted to this qualification.

5. Subjects

The majors for the degree are listed in Schedule S to these Regulations.

6. Time limits

The time limit for this qualification is 8 years.

7. Transfers of credit, substitutions and cross-credits

This qualification adheres to the General Conditions for Credit and Transfer Regulations, with no additional stipulations.

8. Progression

This qualification adheres to the General Regulations for the University, with the following stipulation(s):

(a) A student is not permitted to enrol in any 400-level courses prior to completion of 360 points of course work at 100, 200 and 300-level; and
(b) pass ENVR302 and ENVR303 with at least a B Grade Average.
(c) A student who has failed at least 30 points at 400-level, must apply to the Amo Matua, Pūtaiao | Executive Dean of Science or delegate to repeat the failed course(s) or to substitute other courses in their place.

9. Honours, Distinction and Merit

This qualification adheres to the General Regulations for the University and may be awarded with Honours, with the following stipulations:

(a) The BEnvSci(Hons) may be awarded with First, Second, or Third Class Honours. Second Class Honours will be listed as Division I or Division II.
(b) Honours are calculated on the basis of achievement in the 400-level courses for the degree. Only the grade for the first attempt at a course will be considered in the calculation.

(c) To be eligible for Honours a student must:
   i. complete all courses for the BEnvSci(Hons) in no more than 8 years of study; and
   ii. complete the 300 and 400-level courses for the BEnvSci(Hons) within four years of their first enrolment in any 300-level course for the degree.

10. Exit and Upgrade Pathways to other Qualifications

(a) A student who has not met the requirements for the Bachelor of Environmental Science with Honours may apply to the Amo Matua, Pūtaiao | Executive Dean of Science or delegate to graduate with an alternative qualification appropriate to the level of completed study, such as the Certificate of Science, Diploma in Science, or Bachelor of Environmental Science.
(b) The Amo Matua, Pūtaiao | Executive Dean of Science or delegate may permit a student, who has completed all requirements to the end of the third year of the programme (300-level) to graduate with the Bachelor of Environmental Science under the following circumstances:
   i. The student is not eligible to enrol in 400-level courses; or
   ii. The student exceeds the time limit; or
   iii. The student is unable to complete the Honours degree due to extenuating circumstances.
(c) A student who has not met the requirements for the Bachelor of Environmental Science with Honours or who wishes to transfer to the Bachelor of Science may apply to the Amo Matua, Pūtaiao | Executive Dean of Science or delegate for admission.
(d) A student with an incomplete Bachelor of Science may apply to the Amo Matua, Pūtaiao | Executive Dean of Science or delegate for admission to the BEnvSci(Hons).
(e) There are no upgrades for this qualification.

11. Transition Regulations

Students first enrolled in the Bachelor of Environmental Science with Honours before 1 January 2025 may complete the degree under the 2024 regulations. This transition regulation expires on 1 January 2028.

Schedule C: Compulsory Courses for the Degree of Bachelor of Environmental Science with Honours

For full course information, go to courseinfo.canterbury.ac.nz

The following outlines the Core requirements.

100-level

Course Code	Course Title	Pts	2025	Location	P/C/R/RP/EQ
BIOL112	Ecology, Evolution and Conservation	15	S2	Campus	
ENVR101	Introduction to Environmental Science	15	S1	Campus	
GEOG106	Global Environmental Change	15	S2	Campus	R: GEOG103
SCIE101	Science, Society and Me	15	S2	Campus	
			S2	Distance Learning	
STAT101	Statistics 1	15	SU2	Campus	R: STAT111, STAT112, DIGI103 EQ: STAT111, STAT112, DIGI103

Note: Students who have completed EMTH118 or MATH102, with a grade of B or better, may apply to be exempted from STAT101

And 15 points selected from:

Course Code	Course Title	Pts	2025	Location	P/C/R/RP/EQ
CHEM111	Chemical Principles and Processes	15	S1	Campus	P: (1) NCEA: at least 14 credits NCEA Level 3 Chemistry, or (2) CIE: at least D grade in CIE AL Chemistry or A grade in CIE ASL Chemistry, or (3) IB: at least Grade 4 in IB HL Chemistry or Grade 6 in IB SL Chemistry, or (4) CHEM112 or CHEM114, or (5) at least B Grade in BRDG023 or TRNS006.
			S2	Campus	
CHEM114	Foundations of Chemistry	15	S1	Campus	R: (1) NCEA: 14 credits NCEA Level 3 Chemistry, or (2) CIE: at least D grade in CIE AL Chemistry or A grade in CIE ASL Chemistry, or (3) IB: at least Grade 4 in IB HL Chemistry or Grade 6 in IB SL Chemistry, or (4) at least B Grade in BRDG 022 or BRDG 023. Students who have been credited with any of CHEM111, CHEM112 or BCHM112 cannot subsequently be credited with CHEM114. Concurrent enrolment in CHEM114 and CHEM111 is not permitted.

200-level

Course Code	Course Title	Pts	2025	Location	P/C/R/RP/EQ
BIOL274	Principles of Ecology	15	S1	Campus	P: BIOL112 R: BIOL270
			S1	Distance Learning	
ENVR209	Environmental Science and Resource Management	15	S2	Campus	P: (ENVR101 and GEOG106) or (GEOG110 and GEOG106); and 15 points from CHEM, GEOL, BIOL, ARTS102 or STAT101. R: GEOG206, GEOG209 and ENVR201 EQ: GEOG209
ENVR210	Practical Environmental Science and Management	15	S2	Campus	P: (ENVR101 and GEOG106) and 15 points from CHEM111, CHEM114 or BIOL112 C: ENVR209/GEOG209 R: ENVR201 and GEOG206

300-level

Course Code	Course Title	Pts	2025	Location	P/C/R/RP/EQ
ENVR300	Environmental Science Work Experience	0	A	Campus	P: Subject to the approval of the Director of Environmental Science R: This course is restricted to students enrolled in the Bachelor of Environmental Science with Honours
ENVR302	Carbon and Environmental Change	15	S1	Campus	P: ENVR209 or approval by the Head of School. R: ENVR402
ENVR303	Matapuna Kai and Environmental Science	30	W	Campus	P: ENVR209 and ENVR210 and approval by the Head of Department. R: This course is restricted to students enrolled in the BEnvSci(Hons) Restricted against GEOG309
PSYC341	Environmental Psychology	15	SU2	Distance Learning	P: Any 120 points at 100-level from any subject. RP: PSYC105/PSYC106 or ENVR101
			S2	Campus	
			S2	Distance Learning	

400-level

Course Code	Course Title	Pts	2025	Location	P/C/R/RP/EQ
ENVR411	Case Studies in Environmental Science with a Focus on Circular Economy	15	S1	Campus	P: Subject to approval of the Head of Department.
ENVR415	Environmental Risk Assessment	15	S2	Campus	P: Students wishing to enrol in ENVR415 must have completed ENVR302 or ENVR402 or have Head of Department approval.
ENVR481	Environmental Science Research Project	30	W	Campus	P: Students must have passed ENVR302 and ENVR303 with at least a B point average.

Schedule S: Subject courses for the Degree of Bachelor of Environmental Science with Honours

Note: The following information outlines the requirement for the individual majors. These requirements are in addition to Schedule C: Compulsory Courses.

Ecosystem Health and Biosecurity

200-level

Course Code	Course Title	Pts	2025	Location	P/C/R/RP/EQ
BIOL209	Biological Data Analysis	15	S1	Campus	P: STAT101 or 15 points of 100-level MATH
BIOL275	Field Ecology	15	S1	Campus	C: BIOL274 R: BIOL270
BIOS201	Issues in New Zealand Biosecurity	15	S2	Campus	P: 60 points at 100-level R: BIOS101

And one course selected from:

Course Code	Course Title	Pts	2025	Location	P/C/R/RP/EQ
GEOG201	Environmental Processes: Principles and Applications	15	S1	Campus	P: Any 30 points from GEOG106, GEOG110, ENVR101 or GEOL101, or entry with approval of the Head of School. R: GEOG201 prior to 2009.
SOIL203	Soil Fertility	15	S2	Campus	P: 30 points from CHEM, GEOL, BIOL, FORE or by approval Chair Forestry Board of Studies R: SOIL201
WATR201	Freshwater Resources	15	S2	Campus	P: Any 75 points at 100-level
WATR203	Freshwater Science Field Skills	15	X	Campus	P: A freshwater-related course of study or appropriate freshwater-related work experience as determined by the Head of Programme.

300-level

Course Code	Course Title	Pts	2025	Location	P/C/R/RP/EQ
BIOL309	Experimental Design and Data Analysis for Biologists	15	S2	Campus	P: BIOL209 or appropriate statistical background as determined by the Head of School

And 30 points selected from:

Course Code	Course Title	Pts	2025	Location	P/C/R/RP/EQ
BIOL336	Ecological and Evolutionary Models	15	NO		P: BIOL209 or 15 Points of 200-level COSC or DATA or EMTH or ENCE or PHYS or MATH or STAT. RP: BIOL270, BIOL271 or BIOL274
BIOL375	Freshwater Ecosystems	15	S2	Campus	P: BIOL209 and either (1) BIOL270 or (2) BIOL274 and BIOL275
BIOL377	Global Change Ecology and Biosecurity	15	S1	Campus	P: BIOL209 and BIOL274
BIOL378	Population Ecology and Conservation	15	S1	Campus	P: BIOL209 and either (1) BIOL270 or (2) BIOL274 and BIOL275

400-level

A minimum of 30 points selected from:

Course Code	Course Title	Pts	2025	Location	P/C/R/RP/EQ
BIOL423	Evolutionary Ecology	15	S2	Campus	P: Subject to approval of the Head of School. R: BIOL478
BIOL424	Community Ecology	15	S2	Campus	P: Subject to approval of the Head of School. R: BIOL471
BIOL425	Freshwater Ecology	15	S1	Campus	P: Subject to approval of the Head of School. R: BIOL472
BIOL426	Conservation Biology	15	S2	Campus	P: Subject to approval of the Head of School. R: BIOL474
BIOL427	Global Change Biology	15	S1	Campus	P: Subject to approval of the Head of School. R: BIOL479
FORE449	Environmental Forestry	15	S2	Campus	P: Subject to approval by Head of School. R: FORE444, FORE445, BIOL379, FORE447

Environmental Change

100-level

Course Code	Course Title	Pts	2025	Location	P/C/R/RP/EQ
GEOL101	Building Planet Earth: Fundamentals of Earth Science	15	S1	Campus	R: GEOL111

200-level

Course Code	Course Title	Pts	2025	Location	P/C/R/RP/EQ
ANTA201	Antarctica and Global Change	15	S1	Campus	P: 30 points from 100-level Antarctic Studies, Biology, Geography or Geology courses
BIOL209	Biological Data Analysis	15	S1	Campus	P: STAT101 or 15 points of 100-level MATH
BIOL275	Field Ecology	15	S1	Campus	C: BIOL274 R: BIOL270

And one of:

Course Code	Course Title	Pts	2025	Location	P/C/R/RP/EQ
GEOG201	Environmental Processes: Principles and Applications	15	S1	Campus	P: Any 30 points from GEOG106, GEOG110, ENVR101 or GEOL101, or entry with approval of the Head of School. R: GEOG201 prior to 2009.
GEOG215	Environmental Hazards and Disasters	15	S2	Campus	P: 30 points of Geography or Geological Sciences at 100-level; or 30 points from Science, Arts, Commerce, or Engineering. R: GEOG305
GEOL243	Depositional Environments and Stratigraphy	15	S1	Campus	P: GEOL101 and GEOL102 OR GEOL111 and 15 points at 100-level from GEOL
GEOL246	Earth Surface Dynamics	15	S2	Campus	P: 30 points from GEOL, MATH, EMTH, ENVR, PHYS at 100-level, or (GEOG106 and 15 points from GEOL, MATH, EMTH, ENVR, PHYS at 100-level). RP: GEOL111; GEOL113; GEOG106; 100-level MATH

300-level

45 points selected from:

Course Code	Course Title	Pts	2025	Location	P/C/R/RP/EQ
BIOL377	Global Change Ecology and Biosecurity	15	S1	Campus	P: BIOL209 and BIOL274
GEOG311	Coastal Studies	15	S1	Campus	P: 30 points of 200-level Geography, including GEOG201, or in special cases with approval of the Head of Department.
GEOG312	Snow, Ice and Climate	15	S2	Campus	P: 30 points of 200-level Geography and a further 15 pts at 200-level from any of GEOG, ENVR, GEOL, ANTA, WATR, BIOL, or in special cases with approval of the Head of School.
GEOL347	Forensic Palaeontology	15	S2	Campus	P: GEOL101 or BIOL112 or BIOL113. GEOL243 is recommended preparation but is not required. R: GEOL247 RP: GEOL243
PHYS330	Environmental and climate modelling	15	NO		P: (COSC131 or COSC121 or BIOL209) AND (PHYS285 or ENVR201 or ENVR209 or GEOG201) R: PHYS430

400-level

45 points selected from:

Course Code	Course Title	Pts	2025	Location	P/C/R/RP/EQ
BIOL427	Global Change Biology	15	S1	Campus	P: Subject to approval of the Head of School. R: BIOL479
GEOG409	Coasts and Rivers: from Natural Processes to Urban Environments	30	S1	Campus	P: Entry subject to approval of the Head of Department. R: GEOG437
GEOG412	Alpine Environments	15	S2	Campus	P: Entry subject to approval of the Head of School R: GEOG408 and GEOG410
GEOL493	Unravelling Environmental Histories	15	S1	Campus	P: Subject to the approval of Head of School

Environmental Contamination

100-level

Course Code	Course Title	Pts	2025	Location	P/C/R/RP/EQ
BIOL111	Cellular Biology and Biochemistry	15	S1	Campus	R: ENCH281 and BCHM111 EQ: BCHM111

200-level

Course Code	Course Title	Pts	2025	Location	P/C/R/RP/EQ
BIOL209	Biological Data Analysis	15	S1	Campus	P: STAT101 or 15 points of 100-level MATH
BIOL213	Microbiology	15	S2	Campus	P: BIOL111 or BIOL113. RP: BIOL231/BCHM202
CHEM247	Analytical Chemistry	15	S1	Campus	P: CHEM111 or CHEM112 (BCHM112)

And one of:

Course Code	Course Title	Pts	2025	Location	P/C/R/RP/EQ
GEOG201	Environmental Processes: Principles and Applications	15	S1	Campus	P: Any 30 points from GEOG106, GEOG110, ENVR101 or GEOL101, or entry with approval of the Head of School. R: GEOG201 prior to 2009.
HLTH214	Environmental and Occupational Health	15	S2	Campus	P: Any 60 points at 100-level from any subject, or any 30 points at 100-level from HLTH or SPCO
SOIL203	Soil Fertility	15	S2	Campus	P: 30 points from CHEM, GEOL, BIOL, FORE or by approval Chair Forestry Board of Studies R: SOIL201
WATR201	Freshwater Resources	15	S2	Campus	P: Any 75 points at 100-level

300-level

Course Code	Course Title	Pts	2025	Location	P/C/R/RP/EQ
ENVR304	Environmental Toxicology	15	S1	Campus	P: BIOL111 and 15 points of 100-level CHEM, plus 15 points from BIOL250, BIOL274 or CHEM247 R: ENVR404

And 30 points selected from:

Course Code	Course Title	Pts	2025	Location	P/C/R/RP/EQ
BIOL309	Experimental Design and Data Analysis for Biologists	15	S2	Campus	P: BIOL209 or appropriate statistical background as determined by the Head of School
BIOL313	Advanced Microbiology	15	S2	Campus	P: BIOL213
CHEM340	Environmental Chemistry and Toxicology	15	S1	Campus	P: CHEM281 or BCHM281 or CHEM247 or (at least A grade in CHEM111) R: CHEM324
GEOG325	Health, Wellbeing and Environment	15	S1	Campus	P: 30 points of Geography at 200-level; or 30 points from Science, Arts or Health Sciences, including GEOG205. R: GEOG322
PHYS330	Environmental and climate modelling	15	NO		P: (COSC131 or COSC121 or BIOL209) AND (PHYS285 or ENVR201 or ENVR209 or GEOG201) R: PHYS430

400-level

A minimum of 45 points selected from:

Course Code	Course Title	Pts	2025	Location	P/C/R/RP/EQ
BIOL455	Applied and Molecular Microbiology	15	S1	Campus	P: Subject to approval of the Head of School. R: BIOL493 RP: BIOL313, BIOL333, BCHM301/BCHM331
ENVR414	Current Issues in Environmental Quality	15	S2	Campus	P: CHEM340 or ENCN281 or equivalent study
GEOL483	Environmental Geology and Mining	15	S2	Campus	P: Subject to approval of the Head of Department.
GEOL493	Unravelling Environmental Histories	15	S1	Campus	P: Subject to the approval of Head of School
HLTH403	Environmental Health	30	S2	Campus	P: Subject to the approval of the Associate Dean - Academic.
			S2	Distance Learning	
WATR413	Freshwater Restoration and Recovery	15	S2	Campus	P: Subject to approval of the Programme Director

Environmental Hazards and Disasters

100-level

Course Code	Course Title	Pts	2025	Location	P/C/R/RP/EQ
GEOL102	Environmental Earth System Science	15	S2	Campus	R: GEOL113; GEOL115

200-level

Course Code	Course Title	Pts	2025	Location	P/C/R/RP/EQ
COMS232	Risk and Crisis Communication	15	S2	Campus	P: Any 15 points at 100-level from COMS, or either ENVR101 or GEOG106, or any 60 points at 100-level from the Schedule V of the BA.
			S2	Distance Learning	
GEOG205	Introduction to Geographic Information Systems	15	S1	Campus	P: 45 points at 100-level or above, from any degree schedule. R: DIGI205 and GISC422
GEOG215	Environmental Hazards and Disasters	15	S2	Campus	P: 30 points of Geography or Geological Sciences at 100-level; or 30 points from Science, Arts, Commerce, or Engineering. R: GEOG305
GEOL246	Earth Surface Dynamics	15	S2	Campus	P: 30 points from GEOL, MATH, EMTH, ENVR, PHYS at 100-level, or (GEOG106 and 15 points from GEOL, MATH, EMTH, ENVR, PHYS at 100-level). RP: GEOL111; GEOL113; GEOG106; 100-level MATH

300-level

Course Code	Course Title	Pts	2025	Location	P/C/R/RP/EQ
GEOG351	Rethinking Development	15	NO		P: Any 30 points of 200-level Geography, or approval of the Head of Department. R: GEOG212
GEOL354	Geohazards and Risk	15	S1	Campus	P: GEOL102 and any 30 points from GEOL244, GEOL246, or GEOG215

And 15 points selected from:

Course Code	Course Title	Pts	2025	Location	P/C/R/RP/EQ
GEOG323	Geospatial Analysis in the Social and Environmental Sciences	15	S1	Campus	P: 30 points of 200-level Geography, including GEOG205, or in special cases with approval of the Head of Department.
GEOG324	Web GIS and Geoinformatics	15	S2	Campus	P: GISC101 (preferred) or GEOG205/DIGI205 or COSC121, or equivalent. Recommended preparation: This course requires regular programming for spatial data so background skills in these areas are highly desirable. R: GISC412 RP: This course requires regular programming for spatial data so background skills in these areas are highly desirable.
GEOG325	Health, Wellbeing and Environment	15	S1	Campus	P: 30 points of Geography at 200-level; or 30 points from Science, Arts or Health Sciences, including GEOG205. R: GEOG322
GEOL326	Volcanology and Science Communication	15	S2	Campus	P: GEOL101 or GEOL102, as well as 30 points from 200-level GEOL courses R: GEOL206, GEOL336

400-level

Course Code	Course Title	Pts	2025	Location	P/C/R/RP/EQ
DRRE401	Introduction to Disaster Risk and Resilience	15	X	Campus	P: Subject to approval of the Programme Director R: HAZM401
DRRE402	Natural Hazard Risk Assessment	15	S1	Campus	P: Subject to approval of the Programme Director. R: HAZM410, ENCI601 RP: 100-level statistics

And one course selected from:

Course Code	Course Title	Pts	2025	Location	P/C/R/RP/EQ
GEOG401	Wellbeing, Community and Place	30	S2	Campus	P: Entry subject to approval of the Head of Department. R: GEOG452
GEOG402	Sustainable and Resilient Cities	30	S1	Campus	P: Entry subject to approval of the Head of Department. R: GEOG446
HLTH403	Environmental Health	30	S2	Campus	P: Subject to the approval of the Associate Dean - Academic.
			S2	Distance Learning	

Freshwater

100-level

Course Code	Course Title	Pts	2025	Location	P/C/R/RP/EQ
BIOL111	Cellular Biology and Biochemistry	15	S1	Campus	R: ENCH281 and BCHM111 EQ: BCHM111

200-level

Course Code	Course Title	Pts	2025	Location	P/C/R/RP/EQ
BIOL209	Biological Data Analysis	15	S1	Campus	P: STAT101 or 15 points of 100-level MATH
BIOL275	Field Ecology	15	S1	Campus	C: BIOL274 R: BIOL270
GEOG201	Environmental Processes: Principles and Applications	15	S1	Campus	P: Any 30 points from GEOG106, GEOG110, ENVR101 or GEOL101, or entry with approval of the Head of School. R: GEOG201 prior to 2009.
WATR201	Freshwater Resources	15	S2	Campus	P: Any 75 points at 100-level

And 15 points selected from:

Course Code	Course Title	Pts	2025	Location	P/C/R/RP/EQ
BIOL213	Microbiology	15	S2	Campus	P: BIOL111 or BIOL113. RP: BIOL231/BCHM202
CHEM247	Analytical Chemistry	15	S1	Campus	P: CHEM111 or CHEM112 (BCHM112)

300-level

Course Code	Course Title	Pts	2025	Location	P/C/R/RP/EQ
WATR301	Water Resource Management	15	S1	Campus	P: 45 points at 200-level in any subject area.

And 30 points selected from:

Course Code	Course Title	Pts	2025	Location	P/C/R/RP/EQ
BIOL375	Freshwater Ecosystems	15	S2	Campus	P: BIOL209 and either (1) BIOL270 or (2) BIOL274 and BIOL275
CHEM340	Environmental Chemistry and Toxicology	15	S1	Campus	P: CHEM281 or BCHM281 or CHEM247 or (at least A grade in CHEM111) R: CHEM324
GEOG311	Coastal Studies	15	S1	Campus	P: 30 points of 200-level Geography, including GEOG201, or in special cases with approval of the Head of Department.
GEOG312	Snow, Ice and Climate	15	S2	Campus	P: 30 points of 200-level Geography and a further 15 pts at 200-level from any of GEOG, ENVR, GEOL, ANTA, WATR, BIOL, or in special cases with approval of the Head of School.

400-level

A minimum of 30 points from any 400-level WATR course **and** one course selected from:

Course Code	Course Title	Pts	2025	Location	P/C/R/RP/EQ
BIOL425	Freshwater Ecology	15	S1	Campus	P: Subject to approval of the Head of School. R: BIOL472
ENVR414	Current Issues in Environmental Quality	15	S2	Campus	P: CHEM340 or ENCN281 or equivalent study
GEOG409	Coasts and Rivers: from Natural Processes to Urban Environments	30	S1	Campus	P: Entry subject to approval of the Head of Department. R: GEOG437
GEOG412	Alpine Environments	15	S2	Campus	P: Entry subject to approval of the Head of School R: GEOG408 and GEOG410
GEOL483	Environmental Geology and Mining	15	S2	Campus	P: Subject to approval of the Head of Department.

Sustainable Coasts

100-level

Course Code	Course Title	Pts	2025	Location	P/C/R/RP/EQ
BIOL113	Diversity of Life	15	S1	Campus	

200-level

Course Code	Course Title	Pts	2025	Location	P/C/R/RP/EQ
BIOL209	Biological Data Analysis	15	S1	Campus	P: STAT101 or 15 points of 100-level MATH
BIOL212	Marine Biology and Ecology	15	S1	Campus	P: BIOL112 and BIOL113
GEOG201	Environmental Processes: Principles and Applications	15	S1	Campus	P: Any 30 points from GEOG106, GEOG110, ENVR101 or GEOL101, or entry with approval of the Head of School. R: GEOG201 prior to 2009.
GEOG215	Environmental Hazards and Disasters	15	S2	Campus	P: 30 points of Geography or Geological Sciences at 100-level; or 30 points from Science, Arts, Commerce, or Engineering. R: GEOG305

300-level

Course Code	Course Title	Pts	2025	Location	P/C/R/RP/EQ
BIOL384	Marine Ecosystems	15	S2	Campus	P: (1) BIOL209, (2) BIOL212, and (3) BIOL274 R: BIOL374
GEOG311	Coastal Studies	15	S1	Campus	P: 30 points of 200-level Geography, including GEOG201, or in special cases with approval of the Head of Department.

And 15 points selected from:

Course Code	Course Title	Pts	2025	Location	P/C/R/RP/EQ
BIOL309	Experimental Design and Data Analysis for Biologists	15	S2	Campus	P: BIOL209 or appropriate statistical background as determined by the Head of School
BIOL377	Global Change Ecology and Biosecurity	15	S1	Campus	P: BIOL209 and BIOL274

400-level

Course Code	Course Title	Pts	2025	Location	P/C/R/RP/EQ
BIOL428	Marine Biology and Ecology	15	S1	Campus	P: BIOL212 and BIOL384 R: BIOL473
GEOG409	Coasts and Rivers: from Natural Processes to Urban Environments	30	S1	Campus	P: Entry subject to approval of the Head of Department. R: GEOG437

Schedule E: Elective courses for the Degree of Bachelor of Environmental Science with Honours

Students must include a minimum 30 points from Schedule E: Group 1.

Group 1

Any Language courses (CHIN, CLAS, FREN, GRMN, JAPA, RUSS, SPAN, TREO) from Schedule V to the Bachelor of Arts degree.

100-level

Course Code	Course Title	Pts	2025	Location	P/C/R/RP/EQ
ANTA102	Antarctica: The Cold Continent	15	S1	Campus	
CHCH101	Engaging Communities through Social Innovation	15	S1	Campus	
			S1	Distance Learning	
COMS101	Media and Society	15	S1	Campus	
			S1	Distance Learning	
ECON104	Introduction to Microeconomics	15	S1	Campus	R: ECON199
			S2	Campus	
ECON105	Introduction to Macroeconomics	15	S1	Campus	
			S2	Campus	
FORE111	Trees, Forests and the Environment	15	S1	Campus	R: FORE101, FORE102, FORE103, FORE104, FORE105, FORE121
FORE131	Trees in the Landscape	15	S2	Campus	
GEOG110	People, Places and Environments	15	S1	Campus	R: GEOG107
HLTH111	Global Health	15	S1	Campus	
MAOR108	Te Patu a Maui: The Treaty of Waitangi - facing and overcoming colonisation	15	SU2	Distance Learning	R: CULT114, MAOR113 (prior to 2006) EQ: CULT114
			X1	UC Online	
			S2	Campus	
			S2	Distance Learning	
			X3	UC Online	
MAOR172	Science, Māori and Indigenous Knowledge	15	S2	Campus	R: SCIM101 EQ: SCIM101
PACS102	Te Ara o Tawhaki: Māori Thought, Beliefs and Practices	15	S1	Campus	R: MAOR107 EQ: MAOR107
PACS111	The Global Pacific	15	S1	Campus	
			S1	Distance Learning	

PHIL110	Science: Good, Bad, and Bogus	15	S2	Campus	R: HAPS110
			S2	Distance Learning	
PHIL138	Logic and Critical Thinking	15	SU1	Distance Learning	R: PHIL132 (prior to 2006), MATH130, PHIL134/ MATH134
			SU1	Campus	
POLS103	Introduction to New Zealand Politics and Policy	15	S1	Campus	

health

200-level

Course Code	Course Title	Pts	2025	Location	P/C/R/RP/EQ
ANTH213	Environment, Development and Sustainability: Anthropological Perspectives	15	S1	Campus	P: Any 15 points at 100-level from ANTH, GEOG, or SOCI, or 60 points at 100-level from the Schedule V of the BA. R: ANTH313
COMS232	Risk and Crisis Communication	15	S2	Campus	P: Any 15 points at 100-level from COMS, or either ENVR101 or GEOG106, or any 60 points at 100-level from the Schedule V of the BA.
			S2	Distance Learning	
ECON225	Environmental Economics	15	S2	Campus	P: ECON104
GEOG217	Places for Wellbeing and Flourishing	15	S2	Campus	P: Any 30 points at 100-level from any subject, normally including GEOG110 or GEOG106.
GEOG222	Transport, Urban Development and Wellbeing	15	S1	Campus	P: 45 pts of 100-level including GEOG110 or GEOG106
HLTH214	Environmental and Occupational Health	15	S2	Campus	P: Any 60 points at 100-level from any subject, or any 30 points at 100-level from HLTH or SPCO
MAOR212	Māori and Indigenous Development	15	S1	Campus	P: Any 15 points at 100-level from HIST, MAOR, SOWK, or TREO, or any 60 points at 100-level from the Schedule V of the BA. R: HIST262, HIST379 EQ: HIST262
MAOR219	Te Tiriti: The Treaty of Waitangi	15	S2	Campus	P: Any 15 points at 100-level from CULT, HIST, HSRV, MAOR, POLS, SOCI, SOWK, or TREO, or any 60 points at 100-level from the Schedule V of the BA. R: POLS218, POLS258, HIST268, SOCI209, HSRV207, CULT219 EQ: POLS218, POLS258, HIST268, SOCI209, HSRV207, CULT219
MGMT230	Business, Society and the Environment	15	S1	Campus	P: 60 points R: MKTG230 EQ: MKTG230
			S2	Campus	
MGMT230	Business, Society and the Environment	15	S1	Campus	P: 60 points R: MKTG230 EQ: MKTG230
			S2	Campus	
PACS211	The Contemporary and Transnational Pacific	15	S1	Campus	P: Any 45 points at 100-level
			S1	Distance Learning	
PACS221	Pacific Sustainability and Climate Resilience	15	S2	Campus	P: Any 45 points at 100-level
			S2	Distance Learning	

PHIL203	Dinosaurs, Quarks and Quasars: The Philosophy of Science	15	NO		P: Any 15 points at 100-level in PHIL, or any 60 points at 100-level from the Schedule V of the BA or the BSc. R: PHIL223, PHIL303
PHIL240	Bioethics: Life, Death, and Medicine	15	S2	Campus	P: Any 15 points at 100-level in PHIL, HSRV, HLTH, LAWS, or POLS, or any 60 points at 100-level from the Schedule V of the BA or the BSc. R: PHIL324, POLS225
			S2	Distance Learning	
PHIL249	Environmental Ethics	15	SU1	Distance Learning	P: Any 15 points at 100-level in PHIL, or any 60 points at 100-level from the Schedule V of the BA or the BSc. RP: 15 points of 100-level Philosophy, or 30 points or more of humanities, social science, science, engineering, economics, or commerce studies and an interest in reflective critical debate.
			SU1	Campus	
POLS216	City Politics and Urban Policy	15	NO		P: Any 15 points at 100-level from POLS, or any 60 points at 100-level from the Schedule V of the BA, or LAWS, GEOG, or the Schedule V of the BCom.
SOCI220	Environment and Society	15	S2	Campus	P: Any 15 points at 100-level from ANTH or SOCI, or any 60 points at 100-level from the Schedule V of the BA. R: SOCI230 (2005), SOCI320, SOCI330 (2005)

300-level

Course Code	Course Title	Pts	2025	Location	P/C/R/RP/EQ
ACCT340	Social and Environmental Reporting	15	S2	Campus	P: Any 45 points at 200-level or above. R: ACIS340, AFIS340
ENVR304	Environmental Toxicology	15	S1	Campus	P: BIOL111 and 15 points of 100-level CHEM, plus 15 points from BIOL250, BIOL274 or CHEM247 R: ENVR404
GEOG325	Health, Wellbeing and Environment	15	S1	Campus	P: 30 points of Geography at 200-level; or 30 points from Science, Arts or Health Sciences, including GEOG205. R: GEOG322
GEOG351	Rethinking Development	15	NO		P: Any 30 points of 200-level Geography, or approval of the Head of Department. R: GEOG212
LAWS327	International Environmental Law	15	NO		P: LAWS324 C: LAWS202-LAWS206 R: ILAP612
LAWS356	Nature, Resources and the Law	15	NO		P: LAWS205 C: LAWS202-204; LAWS206
LAWS364	Law of the Sea	15	NO		C: LAWS202-LAWS206 R: LAWS362 prior to 2010, ILAP630
MGMT335	Business and Sustainability	15	S2	Campus	P: MGMT230 or MKTG230
PACS303	International Politics: Aotearoa New Zealand Foreign Policy	30	S1	Campus	P: Any 30 points at 200-level from PACS or POLS, or any 60 points at 200-level from the Schedule V of the BA. R: POLS308 EQ: POLS308
POLS304	Environmental Politics and Policy	30	S1	Campus	P: Any 30 points at 200-level from POLS, or any 60 points at 200-level from the Schedule V of the BA, or LAWS, GEOG, or the Schedule V of the BCom.

SCIE305	Individual Course of Study	15	A	Campus	P: Subject to approval of the Head of School.
SOCI355	Sociology of the City	30	NO		P: Any 30 points at 200-level from ANTH, CULT, or SOCI, or any 60 points at 200-level from the Schedule V of the BA. R: SOCI292, SOCI392,SOCI255, CULT210, CULT310 EQ: CULT310

400/600-level

Course Code	Course Title	Pts	2025	Location	P/C/R/RP/EQ
FORE443	Biosecurity Risk Management	15	S2	Campus	R: BIOS201
FORE449	Environmental Forestry	15	S2	Campus	P: Subject to approval by Head of School. R: FORE444, FORE445, BIOL379, FORE447
HLTH403	Environmental Health	30	S2	Campus	P: Subject to the approval of the Associate Dean - Academic.
			S2	Distance Learning	
POLS440	Principles and Practice of Policy and Governance	30	S1	Campus	P: Subject to approval of the Head of Department.
			S1	Distance Learning	
POLS443	Policy Issues in Science and Technology	30	NO		P: Subject to approval of the Head of Department.
SCIE405	Individual Course of Study	15	A	Campus	P: Subject to approval of the Head of School.

Group 2

Any ANTA, BIOL, BCHM, CHEM, GEOG, GEOL, MATH, PSYC, STAT and WATR courses from Schedule V to the Bachelor of Science and Schedule S to the Bachelor of Science with Honours degrees.

100-level

Course Code	Course Title	Pts	2025	Location	P/C/R/RP/EQ
ASTR109	The Cosmos: Birth and Evolution	15	S1	Campus	R: (1) PHYS109. (2) Students who have been credited with ASTR112 cannot subsequently be credited with ASTR109.
			S1	Distance Learning	
ASTR112	Astrophysics	15	S1	Campus	
COSC121	Introduction to Computer Programming	15	S1	Campus	R: COSC131
			S2	Campus	
ENGR101	Foundations of Engineering	15	S1	Campus	
			S2	Campus	
PHYS101	Engineering Physics A: Mechanics, Waves, Electromagnetism and Thermal Physics	15	SU2	Campus	P: 1) a) PHYS111 or NCEA 14 credits (18 credits strongly recommended) at level 3 Physics, and b) MATH101 or 14 Credits (18 credits strongly recommended) at level 3 Mathematics (including the standards 'Apply differentiation methods in solving problems (91578)' and 'Apply integration methods in solving problems(91579)), or 2) Cambridge: D at A level or an A at AS level in both Physics and Mathematics, or 3) IB: 4 at HL or 6 at SL in both Physics and Mathematics, or 4) a) TRNS008 with a B+ or better grade, and b) TRNS017, or 5) approval of the Head of Department based on alternative prior learning. R: PHYS113, PHYS112 EQ: PHYS113

PHYS102	Engineering Physics B: Modern Physics and Electromagnetism (2)	15	SU2	Campus	P: PHYS101. These prerequisites may be replaced by other background as approved by Head of Department R: PHYS114, PHYS115 EQ: PHYS114
			S2	Campus	
PHYS111	Introductory Physics for Physical Sciences and Engineering	15	S1	Campus	R: Students who have been credited with any of PHYS101, PHYS102, PHYS113 or PHYS114 cannot subsequently be credited with PHYS111.

200-level

Course Code	Course Title	Pts	2025	Location	P/C/R/RP/EQ
DATA201	Data Wrangling	15	S2	Campus	P: 15 points of 100-level COSC, DATA, MATH, or STAT or INFO125
SOIL203	Soil Fertility	15	S2	Campus	P: 30 points from CHEM, GEOL, BIOL, FORE or by approval Chair Forestry Board of Studies R: SOIL201

400-level

Course Code	Course Title	Pts	2025	Location	P/C/R/RP/EQ
DATA416	Contemporary Issues in Data Science	15	S1	Campus	P: Subject to approval of the Head of Department of Mathematics and Statistics.
			S1	Distance Learning	
DATA417	The Trustworthy Data Scientist	15	NO		P: Subject to approval of the Head of Department of Mathematics and Statistics.
DATA422	Data Wrangling for Data Science	15	S2	Campus	P: Subject to approval of the Head of Department of Mathematics and Statistics.
			S2	Distance Learning	
DRRE401	Introduction to Disaster Risk and Resilience	15	X	Campus	P: Subject to approval of the Programme Director R: HAZM401
DRRE402	Natural Hazard Risk Assessment	15	S1	Campus	P: Subject to approval of the Programme Director. R: HAZM410, ENCI601 RP: 100-level statistics
ENGE414	Applied Hydrogeology	15	S1	Campus	P: (1) MATH101 or MATH102 or MATH103 and (2) approval from the Head of Department of Geological Sciences R: ENGE 478
GISC422	Foundations of Geographic Information Systems	15	S1	Campus	R: GEOG205; DIGI205 RP: Undergraduate degree or diploma
SCIE405	Individual Course of Study	15	A	Campus	P: Subject to approval of the Head of School.