

New Zealand Diploma in Environmental Management (Level 5)

Strand offered: Terrestrial

MOE Code	NZ2964	Level	5	Duration	1 academic year	Version	1
Delivery	Full-time, Intramural. Part-time option available				Intakes	Semesters 1 and 2	
Strategic purpose	<p>The purpose of this qualification is to provide the environmental management sector with individuals who have the skills and knowledge to work independently within marine, terrestrial and conservation operations.</p> <p>This qualification is designed for people with prior experience in marine, terrestrial and conservation operations.</p> <p>Aotearoa/New Zealand will benefit from having graduates who are able to contribute to environmental management through the application of technical skills and knowledge.</p>						
Graduate profile	<p>Graduates of this qualification will be able to:</p> <ul style="list-style-type: none"> Describe global environmental issues (with a focus on New Zealand) to determine their impacts on societies and ecosystems, and basic mitigation measures. Use data collection and surveying methods to monitor environmental ecological or asset management. <p>Graduates of the Terrestrial strand will be able to:</p> <ul style="list-style-type: none"> Apply knowledge of New Zealand terrestrial biology and ecology systems to enable organism monitoring in a field environment. 						
Education pathway	On completion of this qualification, graduates may progress onto New Zealand Diploma in Environmental Management with strands in Marine and Terrestrial (Level 6) [Ref: 2966].						
Employment pathway	<p>Graduates of this qualification will be able to work in the following contexts:</p> <ul style="list-style-type: none"> Conservation officer Resource management adviser/consultant Environmental consultant/technician 						
Award(s)	New Zealand Diploma in Environmental Management (Level 5) with strand in Terrestrial						
Completion requirements	120 credits, as listed in Programme Structure.						
Entry requirements	<p><i>This programme has been accredited by NZQA. As it does not contain unit standards from the NZQF, credits are not reported to NZQA.</i></p> <p>Applicants are required to have gained:</p> <ul style="list-style-type: none"> A minimum of 42 credits at NCEA Level 3 or equivalent; or A relevant Level 4 qualification; and A current outdoor First Aid Certificate <p>Applicants for whom English is not a first language: Applicants must have an IELTS Academic score of 5.5, with no band score lower than 5; or an accepted international equivalence.</p> <p>Applicants who do not meet the entry requirements but whose skills, education or work experience indicate that they have a reasonable chance of success, may gain admission at the discretion of the Academic Lead or designated nominee.</p>						
Selection information	All applicants will be interviewed and where applicants exceed available places selection will be based on evidence of interest, motivation and academic achievement.						
Credit recognition	Credit from Recognition of Prior Learning, Credit Transfer and Unit Standard Transfer (if applicable) will be in accordance with the policy <i>Credit Recognition (05.004)</i> .						
Time limit for completion	5 years from initial enrolment						

Programme structure			
Code	Title	Credits	Level
Compulsory courses			
5579.5001	Environmental Issues	15	5
5579.5002	Introduction to Conservation	15	5
5579.5003	Introduction to Biological Monitoring	15	5
5579.5004	New Zealand Ecology	15	5
5579.5005	Principles of Biology	15	5
5579.5006	Plant and Microbial Biology	15	5
5579.5007	Applied Pest Management	15	5
5579.5008	Animal Biology	15	5
Course prescriptors			
Title	Code	Credits	Level
Environmental Issues	5579.5001	15	5
Aim: To provide students with an understanding of key global and local environmental issues and options for mitigation.			
Introduction to Conservation	5579.5002	15	5
Aim: To enable students to examine the direct and indirect effects of human colonisation on biodiversity with an emphasis on New Zealand, and to explore available mitigation options.			
Introduction to Biological Monitoring	5579.5003	15	5
Aim: To provide students with a practical understanding of biological monitoring methods in the terrestrial environment.			
New Zealand Ecology	5579.5004	15	5
Aim: To provide students with an understanding of New Zealand's terrestrial ecology in the context of general biogeographical and ecological principles.			
Principles of Biology	5579.5005	15	5
Aim: To enable students to investigate and understand the origins of biological diversity, the causes and mechanisms of micro and macro evolution, and taxonomy.			
Plant and Microbial Biology	5579.5006	15	5
Aim: To promote students understanding of the diversity of plants, fungi, macroalgae, protists and prokaryotes in the context of evolutionary theory, while examining the links between structure, function and the environment.			
Applied Pest Management	5579.5007	15	5
Aim: To enable students to understand basic pest management techniques and gain practical experience in their implementation.			
Animal Biology	5579.5008	15	5
Aim: To promote students understanding of the diversity of animals in the context of evolutionary theory, while examining the links between structure, function and the environment.			