

## New Zealand Diploma in Environmental Management (Level 5)

Strand offered: Terrestrial

<b>MOE Code</b>	NZ2964	<b>Level</b>	5	<b>Duration</b>	1 academic year	<b>Version</b>	1
<b>Delivery</b>	Full-time, Intramural. Part-time option available				<b>Intakes</b>	Semesters 1 and 2	
<b>Strategic purpose</b>	<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. 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>						
<b>Graduate profile</b>	<p>Graduates of this qualification will be able to:</p> <ul style="list-style-type: none"> <li>Describe global environmental issues (with a focus on New Zealand) to determine their impacts on societies and ecosystems, and basic mitigation measures.</li> <li>Use data collection and surveying methods to monitor environmental ecological or asset management.</li> </ul> <p>Graduates of the Terrestrial strand will be able to:</p> <ul style="list-style-type: none"> <li>Apply knowledge of New Zealand terrestrial biology and ecology systems to enable organism monitoring in a field environment.</li> </ul>						
<b>Education pathway</b>	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].						
<b>Employment pathway</b>	<p>Graduates of this qualification will be able to work in the following contexts:</p> <ul style="list-style-type: none"> <li>Conservation officer</li> <li>Resource management adviser/consultant</li> <li>Environmental consultant/technician</li> </ul>						
<b>Award(s)</b>	New Zealand Diploma in Environmental Management (Level 5) with strand in Terrestrial						
<b>Completion requirements</b>	<p>120 credits, as listed in Programme Structure.</p> <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>						
<b>Entry requirements</b>	<p>Applicants are required to have gained:</p> <ul style="list-style-type: none"> <li>A minimum of 42 credits at NCEA Level 3 or equivalent;</li> <li>or</li> <li>A relevant Level 4 qualification;</li> <li>and</li> <li>A current outdoor First Aid Certificate</li> </ul> <p><b>Applicants for whom English is not a first language:</b> Applicants must have an IELTS Academic score of 5.5, with no band score lower than 5; or an accepted international equivalence.</p> <p><b>Applicants</b> 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>						
<b>Selection information</b>	All applicants will be interviewed and where applicants exceed available places selection will be based on evidence of interest, motivation and academic achievement.						
<b>Credit recognition</b>	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> .						
<b>Time limit for completion</b>	5 years from initial enrolment						
<b>Programme structure</b>							
<b>Code</b>	<b>Title</b>					<b>Credits</b>	<b>Level</b>
<b>Compulsory courses</b>							
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
<b>Course prescriptors</b>							
<b>Title</b>	<b>Code</b>	<b>Credits</b>	<b>Level</b>				
<b>Environmental Issues</b>	<b>5579.5001</b>	<b>15</b>	<b>5</b>				
Aim: To provide students with an understanding of key global and local environmental issues and options for mitigation.							
<b>Introduction to Conservation</b>	<b>5579.5002</b>	<b>15</b>	<b>5</b>				
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.							
<b>Introduction to Biological Monitoring</b>	<b>5579.5003</b>	<b>15</b>	<b>5</b>				
Aim: To provide students with a practical understanding of biological monitoring methods in the terrestrial environment.							
<b>New Zealand Ecology</b>	<b>5579.5004</b>	<b>15</b>	<b>5</b>				
Aim: To provide students with an understanding of New Zealand's terrestrial ecology in the context of general biogeographical and ecological principles.							
<b>Principles of Biology</b>	<b>5579.5005</b>	<b>15</b>	<b>5</b>				
Aim: To enable students to investigate and understand the origins of biological diversity, the causes and mechanisms of micro and macro evolution, and taxonomy.							
<b>Plant and Microbial Biology</b>	<b>5579.5006</b>	<b>15</b>	<b>5</b>				
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.							
<b>Applied Pest Management</b>	<b>5579.5007</b>	<b>15</b>	<b>5</b>				
Aim: To enable students to understand basic pest management techniques and gain practical experience in their implementation.							
<b>Animal Biology</b>	<b>5579.5008</b>	<b>15</b>	<b>5</b>				
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.							