

This document provides a list of online training available for the following subject areas:

- Biodiversity
- Pest and Weed training
- Riparian related topics
- Wetland related topics

For more detailed information on each course, please visit the Training provider website.

Biodiversity			
DOC Bird ID online			Training
DOC Bird ID online training https://www.doc.govt.nz/get-involved/training/online-courses/bird-identification-online-course/			
DOC Bird ID assessment https://www.doc.govt.nz/get-involved/training/online-courses/bird-identification-assessment/			
© n/a	\$ Free	^ Online, self-directed	
Pest Detective			Resource only
Visit the website http://www.pestdetective.org.nz/			
© n/a	\$ Free	^ Online, self-directed	
NIWA – Freshwater ID Guides			Resource only
Identification guides for freshwater fish, algae, invertebrates, pests. Visit the NIWA website https://niwa.co.nz/freshwater-and-estuaries/management-tools/identification-guides-and-fact-sheets			
© n/a	\$ Free	^ Online, self-directed	
iNaturalist – Species Guides			Resource only
Identification guides for many species, includes native and endemic Visit the iNaturalist website https://inaturalist.nz/guides?place_id=6803			
© n/a	\$ Free	^ Online, self-directed	
Naturespace – Skink and Gecko ID Guides (Wellington region)			Resource only
Skink ID guide https://www.naturespace.org.nz/sites/default/files/u4/Skinks%20of%20the%20Wellington%202012.pdf		Gecko ID guide https://www.naturespace.org.nz/sites/default/files/u4/Geckos%20of%20the%20Wellington%202012.pdf	
© n/a	\$ Free	^ Online, self-directed	

Heke Rongoā		NZQA	Te Pūkenga
Visit the Wananga website https://www.wananga.com/diploma,portfolio,,9,Diploma-in-M%C4%81ori-Holistic-Wellbeing.html			
© 120 credits	\$ 3,530	^ Online, self-directed ù residential seminars	
Weedbusters Quiz		Resource only	
Visit the website https://www.weedbusters.org.nz/get-involved/weed-quiz/			
© n/a	\$ Free	^ Online, self-directed	
New Zealand Certificate in Horticulture		NZQA	Te Pūkenga
(General) Level 3 or individual courses within this programme Open Polytechnic NMIT Other providers Multiple training providers: https://xn--tepkenga-szb.ac.nz/programme/search?query=horticulture&page=1&menu%5BlevelName%5D=Certificate&menu%5BproviderType%5D=&menu%5BstudyModes%5D=&hierarchicalMenu%5BhierarchicalCategories.lvl0%5D=			
© 60 credits	\$ Free - \$259, depending on provider	^ Online, self-directed	
<i>Propagation and Cultivation</i>		NZQA	Te Pūkenga
Level 3 – To enable students to understand and demonstrate plant propagation techniques. Visit the NMIT website https://www.nmit.ac.nz/study/programmes/new-zealand-certificate-in-horticulture-general-level-3/			
© 10 credits	\$ Free	^ Online, self-directed	
<i>Introduction to Botany and Plant Nursery Production</i>		NZQA	Te Pūkenga
Level 3 – To enable students to understand and demonstrate plant propagation techniques. Visit the Open Polytechnic website https://www.openpolytechnic.ac.nz/qualifications-and-courses/nz2677-new-zealand-certificate-in-horticulture-general-level-3/			
© 15 credits	\$ \$63	^ Online, self-directed	
<i>Introduction to Plant Protection</i>		NZQA	Te Pūkenga
Level 3 Visit the Open Polytechnic website https://www.openpolytechnic.ac.nz/qualifications-and-courses/hor302-introduction-to-plant-protection/			
© 15 credits	\$ \$63	^ Online, self-directed	
DOC – Ground based radio tracking: a best practice protocol		Resource only	
Best practice guide to radio tracking Visit the DOC website https://www.doc.govt.nz/globalassets/documents/science-and-technical/sops/ground-based-radio-tracking-protocol.pdf			

© n/a	\$ Free	^ PDF learning resource	
YouTube – Radio Telemetry			Resource only
A series of videos covering radio telemetry Visit the YouTube website https://www.youtube.com/playlist?list=PLFVxEmJHAaHpF9D6KcJdoaMun5IGi5Ex3			
© n/a	\$ Free	^ video series learning resource	
Wild Bird Rescue 101			
Wild bird rescue and rehabilitation, including handling, transporting, bird first aid and supportive care. Visit the Learn Bird Care website https://www.learnbirdcare.com/courses/WildBirdRescue101?ref=fcd2a4			
© n/a	\$ \$901	^ Online, self-directed	🕒 6 months
YouTube – Biosecurity in the Bush			Resource only
A series of videos covering biosecurity in the bush. Visit the YouTube website https://www.youtube.com/playlist?list=PLFVxEmJHAaHqdKm6QD-OM4nvWYn96paph			
© n/a	\$ Free	^ video series learning resource	
Biosecurity at DOC			
Visit the DOC website https://www.doc.govt.nz/get-involved/training/online-courses/biosecurity-at-doc-online-course/			
© n/a	\$ Free	^ Online course	🕒 15 minutes
Biosecurity Awareness workshop			
Visit the Biosecurity Academy website https://www.biosecurityacademy.nz/biosecurity-awareness			
© n/a	\$ from \$200	^ Online ù work-based	🕒 1 day
Kauri Protection			Resource only
Visit the Kauri protection website https://www.kauriprotection.co.nz/more/useful-resources/			
© n/a	\$ Free	^ PDF learning resource	
Myrtle Rust Learning modules			Resource only
Provides a Certificate of Completion Visit the Myrtle Rust website https://www.myrtlerust.org.nz/myrtle-rust-online-learning-modules/			
© n/a	\$ Free	^ Online, self-directed	

Heke Kaitiakitanga Pūtaiao (Diploma in Environmental Management)			NZQA	Te Pūkenga
Level 5 Diploma Visit the Wananga website https://www.wananga.com/degrees-certificates,portfolio,,5,Diploma-in-Environmental-Management.html#curriculum				
© 120	\$ \$4,200	^ Online, self-directed and ù residential seminars (Ōtaki)		
DOC – Introduction to Natural Heritage				
Focus is on New Zealand biodiversity and management practices. Visit the DOC website https://www.doc.govt.nz/get-involved/training/online-courses/introduction-to-natural-heritage-online-course/				
© n/a	\$ Free	^ Online, self-directed		
Introduction to New Zealand Conservation			NZQA	Te Pūkenga
Focus is on New Zealand biodiversity and management practices. Visit the NMIT website https://www.nmit.ac.nz/study/short-courses/cfs422-introduction-to-new-zealand-conservation				
© 5 credits	\$ Free	^ Online, self-directed	🕒 delivered over 1 month	
Introduction to New Zealand Ecology			NZQA	Te Pūkenga
Contributes toward a Bachelor of Applied Science. Visit the Open Polytechnic website https://www.openpolytechnic.ac.nz/qualifications-and-courses/72196-introduction-to-new-zealand-ecology/				
© 20 credits	\$ @752	m Paper-based, distance learning	🕒 16 weeks / 13 hrs weekly	
IISD Environmental Impact Assessment website			Resource only	
Provides international background and context on ecological assessment. Visit the IISD website https://www.iisd.org/learning/eia/eia-essentials/				
© n/a	\$ Free	^ Online, self-directed		
Environmental Impact Assessment			NZQA	Te Pūkenga
Contributes toward a Bachelor of Applied Science. Visit the Open Polytechnic website https://www.openpolytechnic.ac.nz/qualifications-and-courses/72296-environmental-impact-assessment/				
© 20 credits	\$ @752	m Paper-based, distance learning	🕒 16 weeks / 13 hrs weekly	

Environmental Monitoring and Reporting			NZQA	Te Pūkenga
Contributes toward a Bachelor of Applied Science.				
Visit the Open Polytechnic website https://www.openpolytechnic.ac.nz/qualifications-and-courses/72294-environmental-monitoring-and-reporting/				
© 20 credits	\$ @752	m Paper-based, distance learning	🕒 16 weeks / 13 hrs weekly	
Cultural Health Index for Streams and Waterways			Resource only	
A tool for nationwide use in assessing the health of streams and waterways. NOTE: Local rūnanga may have experienced people who can help guide this work.				
Visit the MFE website				
Background and context - https://environment.govt.nz/publications/a-cultural-health-index-for-streams-and-waterways-a-tool-for-nationwide-use/		User Guide – https://environment.govt.nz/publications/using-the-cultural-health-index-how-to-assess-the-health-of-streams-and-waterways/		
© n/a	\$ Free	^ Online, self-directed		
NIWA - Introducing the Cultural Health Index			Resource only	
Context on what a Cultural Health Index is and how it is used. NOTE: Local rūnanga may have experienced people who can help guide this work.				
Visit the NIWA website https://niwa.co.nz/sites/niwa.co.nz/files/import/attachments/Tipa.pdf				
© n/a	\$ Free	^ Online, self-directed		
Assessing Cultural Health of Streams and Waterways			Resource only	
How to develop a report card framework to assess the cultural health of a stream or waterway. NOTE: Local rūnanga may have experienced people who can help guide this work.				
Visit the Wet website http://www.wet.org.nz/wp-content/uploads/2013/10/2.-Gail-Tipa-Cultural-Health.pdf				
© n/a	\$ Free	^ Online, self-directed		
Biodiversity Inventory and Monitoring Toolbox			Resource only	
Numerous resources describing methods to inventory and monitor many different protected species.				
Visit the DOC website https://www.doc.govt.nz/our-work/biodiversity-inventory-and-monitoring/				
© n/a	\$ Free	^ Online, self-directed		
Plant Species Recovery			Resource only	
This is a higher-level skill – requires related degree or subject matter expert advice.				
Numerous resources describing activities associated with plant species recovery.				
Visit the New Zealand Plant Conservation website https://www.nzpcn.org.nz/conservation/restoration/species-recovery/				

© n/a	\$ Free	^ Online, self-directed	
Guide to the Planning and Management of Restoration Projects			Resource only
<p>This is a higher-level skill – requires related degree or subject matter expert advice. This resource covers the theory and practical process of protection, management and restoration of native ecosystems from a landscape lens. Visit the DOC website https://www.doc.govt.nz/about-us/science-publications/conservation-publications/protecting-and-restoring-our-natural-heritage-a-practical-guide/</p>			
© n/a	\$ Free	^ Online, self-directed	
Native Forest Restoration – A Practical Guide for landowners			Resource only
<p>This is a higher-level skill – requires related degree or subject matter expert advice. This resource covers forest remnants, animal and weed control, planting - preparation through maintenance. Visit the QE II National Trust website https://qeiiationaltrust.org.nz/wp-content/uploads/2018/02/Native-Forests-Restoration.jpg.pdf</p>			
© n/a	\$ Free	^ Online, self-directed	
Native Forest Restoration Guide			Resource only
<p>This is a higher-level skill – requires related degree or subject matter expert advice. This PDF guide covers planning, plant recommendations and maintenance. Visit the Naturespace website https://www.naturespace.org.nz/sites/default/files/u4/BC2224-Native%20Forest%20Restoration%20A4%20%28Web%29.pdf</p>			
© n/a	\$ Free	^ Online, self-directed	
Pest and Weed Control			
New Zealand Certificate in Horticulture			NZQA Te Pūkenga
(General) Level 3 or individual courses within this programme			
Open Polytechnic NMIT Other providers Multiple training providers: https://xn--tepkenga-szb.ac.nz/programme/search?query=horticulture&page=1&menu%5BlevelName%5D=Certificate&menu%5BproviderType%5D=&menu%5BstudyModes%5D=&hierarchicalMenu%5BhierarchicalCategories.lvl0%5D=			
© 60 credits	\$ Free - \$259, depending on provider	^ Online, self-directed	
Introduction to Plant Protection			NZQA Te Pūkenga
Level 3 Visit the Open Polytechnic website https://www.openpolytechnic.ac.nz/qualifications-and-courses/hor302-introduction-to-plant-protection/			
© 15 credits	\$ \$63	^ Online, self-directed	

Rural Pest Operations (Level 3)			NZQA	Te Pūkenga
<p>This programme delivers the New Zealand Certificate in Pest Operations (Level 3) Visit the Primary ITO website https://www.primaryito.ac.nz/courses-for-your-team/primary-services/pest-management/#course-423</p>				
© 40-60 credits	\$ \$350	^ Online, self-directed	🕒 11 months	
Predator Trapping Methods Micro credential			NZQA	Te Pūkenga
<p>This focus of this course is on creating a predator control plan and task specifications Visit the NMIT website https://www.nmit.ac.nz/study/short-courses/prt301-predator-trapping-methods</p>				
© 8 credits	\$ \$166	^ Online, self-directed ù In-person workshop, various locations	🕒 Online – delivered over 1 month Workshop – 2 days	
DOC – Animal Pests Inventory and Monitoring			Resource only	
<p>A collection of PDF learning guides that describe numerous monitoring methods for different pests. Visit the DOC website https://www.doc.govt.nz/our-work/biodiversity-inventory-and-monitoring/animal-pests/</p>				
© n/a	\$ Free	^ Online, self-directed		
DOC – Animal pests: Residual Trap Catch Index for Possums			Resource only	
<p>A PDF learning guide that focuses on using residual trap catch index for possums to estimate relative population density. Visit the DOC website https://www.doc.govt.nz/globalassets/documents/science-and-technical/inventory-monitoring/im-toolbox-animal-pests-residual-trap-catch-index-possums.pdf</p>				
© n/a	\$ Free	^ Online, self-directed		
DOC – Animal pests: Faecal Pellet Counts			Resource only	
<p>A PDF learning guide that describes faecal pellet counts as an index of abundance for pests. Visit the DOC website https://www.doc.govt.nz/globalassets/documents/science-and-technical/inventory-monitoring/im-toolbox-animal-pests-faecal-pellet-counts.pdf</p>				
© n/a	\$ Free	^ Online, self-directed		
ZIP – Field Guide: How to Install Lured Trail Cameras for Predator Detection			Resource only	
<p>A PDF field guide focused on installing a lured trail camera for predator detection. Visit the ZIP website https://issuu.com/zipnz/docs/zip_lured-trail-cam_20200908_v04_1_?fr=sYjhmMTUxMzI5OQ</p>				
© n/a	\$ Free	^ Online, self-directed		
Landcare Research – A Review of Control Strategies and Tools for Feral Pigs			Resource only	

<p>A PDF review on the benefits and challenges for different control strategies and tools. Visit the Landcare Research website https://www.envirolink.govt.nz/assets/2018-NLRC216-A-review-of-control-strategies-and-tools-for-feral-pigs.pdf-.pdf</p>			
© n/a	\$ Free	^ Online, self-directed	
Controlled Handler Certification			NZQA Te Pūkenga
<p>NZQA unit standards: 31290 <i>Demonstrate knowledge of the safe management and potential adverse effects of hazardous substances in the workplace.</i> It is recommended that the trainee also has successfully completed unit standards 31293 and 497. Multiple providers, including:</p>			
Visit the Safety Action website (31290 & 31293) - https://www.safetynaction.co.nz/en/our-courses/course-catalogue/management-and-handling-of-hazardous-substances/		Visit the Vertical Horizonz website (31292) - https://www.vhnztraining.co.nz/987654321?_ga=2.5168819.1434388506.1612832625-193241833.1602029211&_gac=1.250407218.1611891183.EAlalQobChMlkeiyyprA7gIVVBwrCh2Zlgt2EAAYASAAEgJ5mvD_BwE	
© 6 credits – 31290 3 credits - 31293	\$ \$225-\$420	m distance learning	🕒 1 day
<p>NZQA unit standards: 31291 <i>Demonstrate knowledge of hazardous substances relevant to Certified Handlers.</i> Prerequisite: unit standard 31290 Multiple providers, including:</p>			
Visit the Safety Action website - https://www.safetynaction.co.nz/en/earning/course/?eventtemplate=27-certified-handler-preparation-online	Visit the Vertical Horizonz website - https://www.verticalhorizonz.com/knowledge-required-of-a-certified-handler-extramural	Visit the QEC website - https://www.qec.co.nz/shop/product/56814/certified-handler--class-6-1a-and-b-toxic-substances/	
© 6 credits	\$ \$390-\$500	ù workshop or ^ online	🕒 1 day
Riparian and Wetland			
DOC – Freshwater habitats			Resource only
<p>This is a higher-level skill – requires related degree or subject matter expert advice. This resource is a series of webpages that focus on the ecology of freshwater systems in New Zealand. Visit the DOC website https://www.doc.govt.nz/nature/habitats/freshwater/</p>			
© n/a	\$ Free	^ Online, self-directed	
Landcare research – Community guide to ecological monitoring			Resource only
<p>This is a higher-level skill – requires related degree or subject matter expert advice. This resource is a PDF guide that provides a comprehensive ecological monitoring toolkit. It also covers riparian ecology. Visit the Landcare research website https://www.landcare.org.nz/file/community-guide-to-ecological-monitoring/open</p>			
© n/a	\$ Free	^ Online, self-directed	

MPI – Check, clean, dry			Resource only
Context and instruction on the check, clean, dry method - including video. Visit the MPI website https://www.mpi.govt.nz/outdoor-activities/boating-and-watersports-tips-to-prevent-spread-of-pests/check-clean-dry/			
© n/a	\$ Free	^ Online, self-directed	
NZ Landcare Trust – Planting guides			Resource only
A series of PDF planting guides for different riparian areas. Visit the NZ Landcare Trust website https://www.landcare.org.nz/resource-item/planting-guides			
© n/a	\$ Free	^ Online, self-directed	
NIWA – Weed control website			Resource only
The website provides information on the different control methods for managing aquatic weeds. Visit the NIWA website https://niwa.co.nz/our-science/aquatic-biodiversity-and-biosecurity/our-services/aquaticplants/outreach/weedman/control			
© n/a	\$ Free	^ Online, self-directed	
NIWA – Best management practice for aquatic weed control			Resource only
A PDF document that provides context, detection and a control toolbox for managing aquatic weeds. Visit the NIWA website https://niwa.co.nz/sites/niwa.co.nz/files/Best%20Management%20Practice%20for%20Aquatic%20Weeds%20Framework%20May%20202019.pdf			
© n/a	\$ Free	^ Online, self-directed	
Wai Ora Kaupa 3 & 4			NZQA Te Pūkenga
These programmes provide the skills and knowledge to understand and apply sustainability practices to coastal and freshwater bodies based on mātauranga Māori within local environments. Visit the Wananga website Kaupae 3 - https://www.wananga.ac.nz/study/certificates/wai-ora-level-3/ Kaupae 4 - https://www.wananga.ac.nz/study/certificates/wai-ora-level-4/			
© 60 credits each	\$ Free	ù Noho, wānanga and ^ online, self-directed	🕒 full-time - 18 weeks Part-time - 24-36 weeks
NIWA – Kaitiaki tools			Resource only
A series of webpages that look at riparian impacts, causes and mitigation from a resource consent point of view. Visit the NIWA website https://niwa.co.nz/our-science/freshwater/tools/kaitiaki_tools/impacts			
© n/a	\$ Free	^ Online, self-directed	

Waterways, wetlands and drainage guide			Resource only
<p>A PDF guide (no longer in print) that provides advice on assessment, design and management from a values-based approach. Visit the Christchurch City Council website https://ccc.govt.nz/environment/water/water-policy-and-strategy/waterways-wetlands-and-drainage-guide</p>			
© n/a	\$ Free	^ Online, self-directed	
Wetland restoration: a handbook for New Zealand freshwater			Resource only
<p>This is a higher-level skill – requires related degree or subject matter expert advice. This PDF handbook provides a detailed, comprehensive ecosystem approach toward understanding, protecting and enhancing degraded wetlands. Visit the Landcare research website https://www.landcareresearch.co.nz/publications/wetland-restoration/</p>			
© n/a	\$ Free	^ Online, self-directed	
Restoring waterway form			Resource only
<p>This is a higher-level skill – requires related degree or subject matter expert advice. This PDF guide (no longer in print) provides advice on assessment, design and management of riparian channels. Visit the Christchurch City Council website https://ccc.govt.nz/assets/Documents/Environment/Water/waterways-guide/9.-Restoring-Waterway-Form.pdf</p>			
© n/a	\$ Free	^ Online, self-directed	
NIWA – Electric fishing workshop			
<p>Requires a minimum of 6 participants. Visit the NIWA website https://niwa.co.nz/education-and-training/training-courses</p>			
© n/a	\$ Unknown	ù in-person	🕒 Unknown
Streak health monitoring and assessment kits (SHMAK)			Resource only
<p>A series of NIWA videos that cover monitoring a stream and how to use the kit. Visit the YouTube website English: https://www.youtube.com/watch?v=4Hfr3DqXH10&list=PLKDNPRIP6b9Yk6oUnj8dctO8Scv5w89pp Demonstration in te reo: https://www.youtube.com/watch?v=ie4ndimZaCU</p>			
© n/a	\$ Free	^ Online, self-directed	
Freshwater discovery and monitoring handbook			Resource only
<p>A PDF guide that provides a comprehensive ecological monitoring toolkit. Visit the Whitebait Connection website https://www.whitebaitconnection.co.nz/images/wbc/resources/coordinators-and-teachers/WBC-Manuals/WBC-freshwater-monitoring-handbook_2014_final.pdf</p>			
© n/a	\$ Free	^ Online, self-directed	

New Zealand Landcare Trust – Water monitoring			Resource only
<p>This website provides numerous resources to support all aspects of water quality and waterway health monitoring Visit the NZ Landcare Trust website https://www.landcare.org.nz/resource-item/water-monitoring</p>			
© n/a	\$ Free	^ Online, self-directed	
Community guide to ecological monitoring			Resource only
<p>A PDF guide that provides a comprehensive ecological monitoring toolkit. It also covers riparian ecology. Visit the NZ Landcare Trust website https://www.landcare.org.nz/file/community-guide-to-ecological-monitoring/open</p>			
© n/a	\$ Free	^ Online, self-directed	
NIWA - restoration indicator toolkit			Resource only
<p>A PDF toolkit to recommend and describe a range of indicators for monitoring riparian restoration projects. Visit the NIWA website https://niwa.co.nz/sites/niwa.co.nz/files/28_streamrestorationtoolkit.pdf</p>			
© n/a	\$ Free	^ Online, self-directed	
DOC - Freshwater ecology inventory and monitoring			Resource only
<p>This website provides numerous resources describing methods to inventory and monitor freshwater environments. Visit the DOC website https://www.doc.govt.nz/our-work/biodiversity-inventory-and-monitoring/freshwater-ecology/</p>			
© n/a	\$ Free	^ Online, self-directed	
NIWA – Guidelines for sampling freshwater fisheries			Resource only
<p>A series of resources for fish sampling protocols in wadable and non-wadable systems Visit the NIWA website https://niwa.co.nz/our-services/online-services/freshwater-fish-database/guidelines-for-sampling-freshwater-fisheries</p>			
© n/a	\$ Free	^ Online, self-directed	
Freshwater invertebrate guide			Resource only
<p>A website resource designed to assist community groups monitoring freshwater invertebrates in New Zealand. Visit the Landcare Research website https://www.landcareresearch.co.nz/tools-and-resources/identification/freshwater-invertebrates-guide/</p>			
© n/a	\$ Free	^ Online, self-directed	