

Paper	Title	Field trip component	Aim	Date(s) run
Biosci 104	NZ ecology and conservation	North Head - rocky shore description	Introduction to rocky shore life, quadrats, zonation	19 or 20 Mar 2011
		Rangitoto terrestrial		30 Apr or 1 May
Biosci 206	Principles of ecology	Wenderholm - marine (snails), terrestrial (plant)	Practice sampling methods in field	19-Mar
		Pureora	Bird and mammal ecology research	11-14 Apr
		Kauaeranga Valley	Plant ecology research	17-21 Apr
		Whangarei Heads	Marine ecology research	15-19 Apr
Biosci 207	Adaptive Design	Muriwai Gannet Colony	Gannet Behaviour	8-Oct
Biosci 320	Pure & Applied Entomology	Waharau Centre (Hunuas)	Insect collection & Identification	11-13 Mar
	Pure & Applied Entomology	Auckland Port	Biosecurity assessment of ants	23-Mar
Biosci 323	Plant Diversity	Shakespear Regional Park	Build plant identification skills and vegetation assessment techniques	5 - 7 Sep
Biosci 328	Fisheries and aquaculture	Omaha Bay - longlining	Compare hook effectiveness	12-13, 14-15 Apr
Biosci 329	Biology of Fishes	Leigh Marine Lab - field course	Taxonomic keys, trophic anatomy, diet analysis	5-7, 8-10 Sep
Biosci 330	Freshwater and estuarine ecology	Waiwera - estuarine gradient	Describe relationship between animals and physical factors along estuary & downshore	2-3 Apr
Biosci 333	Marine ecology	Goat Island Bay - rocky seashores	Change in metrics of landscape biodiversity over space and time	19-20 Mar
Biosci 337	Behavioural Ecology	Leigh	Behaviour surrounding circadian rhythms	26-28 Aug
		Miranda	Shorebird Behaviour	29-31 Aug
		Tiritiri Matangi	Competition and resource selection by birds	8-10 Sep
Biosci 394	Conservation ecology			16-Mar
				4-May
Biosci 396	Terrestrial ecology	Motutapu Island	Design and carry out an ecological research (a micro-MSc process). 2 weekend fieldtrips. 1st = to experience a wide range of ecological methods, and to develop research proposal (written up and marked), 2nd = field and lab work, then oral presentation and final research report	4-6 Mar, 13-15 May
Envsci 301	Environmental Effects and Management			15 or 16 Mar
Envsci 311	Ecological Restoration and Management	Tiritiri Matangi Island		27 Jul, 10 Aug
Geology 202	Earth History	Reconstruct Miocene history of a shallow rocky shoreline, Mathesons Bay	Use fossils, stratigraphy and sedimentology to interpret paleoenvironments	tbc
Geology 303	Paleoecology & Paleoenvironments	Church Bay, Waiheke Island	Use of fossil foraminifera, molluscs, etc. and sedimentology, stratigraphy to reconstruct early Miocene sea level transitions	5 Mar, 30 Apr, 1 May
Geog 331	Hydrology and Fluvial	Oparau River, Kawhia	Analyse river processes and landforms, sediment associations, and related human effects on river systems	11-14 Apr
Marine 202	Principles of marine science	Whangateau - intertidal soft sediments	Monitoring of cockle densities, sizes, mortality	21-22 May tbc
Marine 302	Dynamics of marine systems	Light and kelp depth distribution (from Hawere, weather permitting)	Relationship between light quality and quantity and depth distribution of kelp	30 Aug - 2 Sep
Marine 703	Marine Protected Areas	Goat Island (Leigh), Long Bay, Pollen Island, Te Matuku	See Marine Reserves and discuss management with DoC	tbc