

ENVIRONMENTAL SCIENCE

LEVEL 3

Available to:	Year 12-13 students
NCEA Level:	3 credits at Level 2, 18 credits at Level 3
Duration:	Four weeks
Delivery Mode:	Block course format, includes overnights. Each block is 4 days in length.
Location:	Tasman / Nelson. Onsite & offsite locations depending on course activity.
Cost:	Zero cost to students, funded by the Ministry of Education (MOE)
Course Dates:	Please refer to the WIO website for course dates: www.wio.org.nz



Course Aim:

The Environmental Science programme is designed to bring science to life through a series of field-based, environmental investigations. The programme focus is on developing an understanding of environmental science, environmental management and traditional Māori environmental management practices.

Learning Objectives:

Students will have the opportunity to achieve the following objectives:

Academic Objectives

- Describe the ecological niche of an animal species.
- Investigate and report a variable of an animal species' ecological niche.
- Describe the ecological niche of a plant species.
- Investigate and report a variable of a plant species' ecological niche.
- Plan, carry out and evaluate a local Kaitiakitanga activity
- Describe a native freshwater and a native marine fish or shellfish species.
- Describe the use of a native freshwater and a native marine fish or shellfish species as kai.
- Explain harvesting and processing of a native freshwater and a native marine fish or shellfish species.

Personal and Social Development Objectives

- Increasing willingness to learn
- Understanding and assuming personal responsibility
- Developing belief in self and increasing confidence
- Developing a positive attitude
- Recognising and developing potential
- Developing resilience skills (coping with challenge and change)
- Developing positive communication skills

* Please note some academic objectives may change to align with assessment changes.

Tirohia kia marama

Whawhangia kia rangona te ha

Observe to gain enlightenment
Participate to feel the essence

For course assessments:

- go to your school Trades Academy coordinator
- email: info@wio.org.nz