

PREDATOR CONTROL & CONSERVATION

LEVEL 3

Available to:	Year 12-13 students
NCEA Level:	19 credits at Level 3
Duration:	Four one-week blocks (Mon - Thurs)
Delivery Mode:	Residential block course format (includes overnights)
Location:	Tasman / Nelson. Onsite & offsite locations depending on course activity.
Cost:	Zero cost to students, funded by the Ministry of Education (MOE), through TOTSTA & WCTA
Course Dates:	Please refer to the WIO website for course dates: www.wio.org.nz
Pathways:	Environmental Science Level 3

• Course Aim:

The Level 3 Predator Control and Conservation programme is designed to introduce students to predator control programmes and the important role they play in protecting New Zealand's biodiversity. Students will complete a number of field-based trapping and conservation projects in a range of environments. The programme focus is on developing an understanding of environmental management practices and the technical and personal skills required to effectively participate in field-based environmental management programmes.

• Learning Objectives:

Students will have the opportunity to achieve the following objectives:

Academic Objectives:

- Explain Kaitiakitanga in terms of how Māori interact with te taiao
- Explain the use of tikanga Māori as part of exercising kaitiakitanga
- Describe bush-walking equipment available in New Zealand
- Prepare for bush-walking
- Demonstrate use of maps and compasses when bush-walking
- Demonstrate stream crossing skills when bush-walking
- Demonstrate knowledge of survival skills required if lost or stranded in the bush
- Demonstrate knowledge of river dynamics and hazards
- Prepare for the trapping of pest animals
- Set traps, and place baits and lures for rural pest animal control
- Check traps and clear them of pest animals and non-target species, and process, and store or dispose of carcasses
- Clean, store, and maintain equipment and materials, and records

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



"Enjoyed meeting new people and getting out into the bush and seeing some amazing places in good and bad weather."

- Predator Control & Conservation Student

For course assessments:

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

Interested in the Duke of Edinburgh's Award?

Contact us to find out how this programme can contribute towards the Award: info@wio.org.nz

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

ENVIRONMENTAL SCIENCE

LEVEL 3

Available to:	Year 12-13 students
NCEA Level:	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
Pathways:	Predator Control & Conservation Level 3

• 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
- Explain kaitiakitanga in terms of how Māori interact with te taiao
- Explain the use of tikanga Māori as part of exercising kaitiakitanga

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



*Tirohia kia marama
Whawhangia kia rangona te ha*

**Observe to gain enlightenment
Participate to feel the essence**

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