

**Bachelor of  
Environmental Studies**  
Te Aho Pūtaiao  
Level 7



TE WHARE WĀNANGA O  
AWANUIĀRANGI



# Te Aho Pūtaiao Bachelor of Environmental Studies



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## Where Mātauranga Taiao meets Western Science

This programme provides a balance of Māori and western knowledge, rangahau, theory and practice. It illustrates that mātauranga Māori and western knowledge have important roles within the environment field and can be complimentary to each other. Graduates of this qualification will be able to utilise their skills and knowledge to provide a range of solutions and processes for environmental concerns for the benefit of whānau, hapū and iwi.

## Programme Overview

**The purpose of this qualification is to produce graduates who can:**

- Fulfil kaupapa Māori based environmental positions within whānau, hapū and iwi;
- Fulfil kaupapa Māori based environmental positions within regional and national entities;
- Pursue a career in the fields of environment, environmental science, and resource management;
- Progress to higher levels of qualifications.

**This degree aims to provide and develop:**

- Sound knowledge in mātauranga Māori and mātauranga taiao that incorporates a Māori worldview;
- Sound knowledge in contemporary practices, including western science that compliments mātauranga Māori knowledge;
- Understanding of the relationship of the environment to respective whānau, hapū and iwi.

## Programme Details



### Dates

**SEM1:** 14 Feb to 3 Jul 2022  
**SEM2:** 4 Jul to 20 Nov 2022



### Duration

40 weeks per year for three years



### Location

Whakatāne and on demand subject to interest



### Applications close

**SEM1:** 7 Feb 2022  
**SEM2:** 27 Jun 2022



### Commitment

Blended learning including noho, wānanga, zoom tutorials, online learning and self-directed learning



### Fees

**Tuition Fees:** \$6102  
**Course Related Costs:** \$317  
**Total:** \$6419

**Please note:** The information contained in this booklet is for general information purposes only. While we endeavour to keep the information up to date and correct, we reserve the right to alter procedures, fees and regulations, remove or vary papers, courses and programmes at any time without notice. Visit [www.wananga.ac.nz/](http://www.wananga.ac.nz/) for most up-to-date information.

## Programme Contact

### Violet Walker

**National Programme Co-ordinator**  
Bachelor of Environmental Studies

☎ 027 248 3452

✉ [violet.walker@wananga.ac.nz](mailto:violet.walker@wananga.ac.nz)

## Entry Requirements

**Entry to Te Aho Pūtaiao: Bachelor of Environmental Studies is open to applicants who meet the following requirements:**

Taura wishing to enrol in Te Aho Pūtaiao: Bachelor of Environmental Studies (Level 7), must provide evidence of their ability to successfully pursue and complete a bachelor's degree.

Applicants must meet set entry criteria. These are minimum requirements an applicant must meet to gain entry into a programme including processes for exceptions where applicants do not meet the general entry requirements.

### Entry criteria are as follows:

- NCEA Level 3: as defined by NZQA at the time of enrolment,
- **OR**  
Successful completion of an approved Level 4 or higher programme from the New Zealand Qualifications framework in Taiao or related subject,
- **OR**  
Special Admission (AES) maybe be granted, where a taura is 20 years of age and over; and can show sufficient evidence of experience, or knowledge to successfully undertake the programme of study in Taiao. This will be evidenced by the submission of a portfolio of evidence and sitting a pre-entry assessment.
- Applicants who have graduated with Te Aka Pūtaiao (Kaupae 5) shall gain entry into the degree programme with Credit Transfer of four papers. TAI571, TAI572, TAI573 and TAI574 (Semester One kōwae ako.) Students who have completed some kōwae ako in Te Aka Pūtaiao, but not all will, be considered on a case-by-case basis.

## How will I study?

The Bachelor of Environmental Studies has a blended delivery model including online learning, directed and self-directed learning.

### Types of delivery modes in which this programme may be offered :

- **Option 1:** Contact delivery mode (classes)
- **Option 2:** Mixed mode delivery (noho/wānanga)
- **Option 3:** Mixed mode delivery (online/contact)
- **Option 4:** Flexible day/night (contact/noho/online/wānanga negotiated)

Depending on delivery mode, study may comprise of wānanga/noho marae, lectures, visiting lecturers and community experts (guest speakers), labs, tutorials, workshops, discussion groups, focus groups, practical learning experiences, technology based, self-directed learning, online, videos/video streaming, teacher directed learning, class presentations, research including mini research projects, seminars, field trips.

**Please note:** Onsite classes/noho will be pending COVID-19 requirements.

## Education Pathways

Te Whare Wānanga o Awanuiārangi continues to offer programmes of study at higher levels. Graduates of the Bachelor of Environmental Studies may be interested in one of the following internal higher study options:

- Master of Māori Studies
- Master of Indigenous Studies
- Doctor of Philosophy
- Doctor of Māori Development and Advancement
- Doctor of Indigenous Development and Advancement

Graduates of the Bachelor of Environmental Studies may also be interested in higher study options at other tertiary education organisations, providing the graduate meets their entry and admission criteria.

## Employment Pathways

Graduates will have skills and knowledge to undertake a range of Māori and general environmental/resource management roles:

- Hapū, Iwi, Hāpori Environment Liaison/Advisor
- Hapū, Iwi, Hāpori Environment Monitor
- Environmental Monitoring Officer
- Environmental Analyst
- Environmental Policy Advisor/Writer
- Environmental Field Technician
- Environmental Consultant/Contractor
- Environmental Researcher
- Administrator
- Iwi Officer
- Ranger
- Field Researcher
- Local and District Council positions
- Other environment/cultural positions



# Year One Courses

## TAI571 Whānau, Hapū, Iwi – Relationships

### Course Type

Core

### Description

This kōwae ako provides an introduction to the current management, stewardship and issues relevant to whānau, hapū and iwi within their environments.

## TAI573 Kaitiakitanga – Principles

### Course Type

Core

### Description

This kōwae ako introduces principles and concepts of environmental identification, stewardship, and protection within a mātauranga Māori worldview and within the context of specific whānau, hapū, and iwi.

## TAI572 Whenua – Introduction

### Course Type

Core

### Description

This kōwae ako provides an introduction to the importance of whenua within mātauranga Māori contexts by understanding current environmental issues, land use, and the health of the whenua that impact on whānau, hapū, and iwi.

## TAI574 Ecology – Introduction

### Course Type

Core

### Description

This kōwae ako provides an introduction to ecology by understanding physical and biological properties within a local environment.

## TAI575 Rangahau – Principles

### Course Type

Core

### Description

This kōwae ako introduces research and rangahau requirements within a degree and outlines what is research within a mātauranga Māori context and why research is important. The kōwae ako provides an overview of methods, methodologies, qualitative and quantitative data, report writing and ethics when engaging with whānau, hapū, and iwi.

## TAI577 Climate Change – Introduction

### Course Type

Core

### Description

This kōwae ako provides an introduction to climate change concepts, and a broad understanding of climate change terms including human activity effects on the environment.

## TAI576 Wai – Introduction

### Course Type

Core

### Description

This kōwae ako provides an introduction to the importance of water within mātauranga Māori contexts by understanding the water cycle and analysing the use and quality of water locally.

## TAI578 Environmental Sustainability & Technology – Concepts

### Course Type

Core

### Description

This kōwae ako introduces environmental sustainability concepts and the role of technology in providing sustainable options. The kōwae ako also introduces tauira to the impact of everyday processes on the environment.

## Year Two Courses

### **TAI671** Whānau, Hapū, Iwi – Environments

#### **Course Type**

Core

#### **Description**

This kōwae ako increases taura understanding and application of legislation, local compliance relevant to their whānau, hapū and iwi. The kōwae ako also provides an understanding of natural capital concepts.

### **TAI673** Kaitiakitanga – Practices

#### **Course Type**

Core

#### **Description**

This kōwae ako furthers discussion on kaitiakitanga in practise, by further understanding legislation which impacts on kaitiakitanga and opportunities to evaluate and apply practices of kaitiakitanga within a local context.

### **TAI672** Whenua – Impacts

#### **Course Type**

Core

#### **Description**

This kōwae ako examines the importance of whenua within mātauranga Māori contexts by understanding land use within whānau, hapū, and iwi. Taura are also required to identify environmental issues and generate possible solutions.

### **TAI674** Ecology – Principles

#### **Course Type**

Core

#### **Description**

This kōwae ako covers the principles of ecology, including adaptation to environment, species interactions, population dynamics and biogeography.

### **TAI675** Rangahau – Collection and Analysis

#### **Course Type**

Core

#### **Description**

This kōwae ako requires taura to practically apply research concepts to design questions for surveys and interviews, and to evaluate responses.

### **TAI677** Climate Change – Societal and Scientific Impacts

#### **Course Type**

Core

#### **Description**

This kōwae ako gives taura opportunities to distinguish societal and scientific impacts of climate change, and validate possible quality controls, signs, and indicators of climate change.

### **TAI676** Wai – Components

#### **Course Type**

Core

#### **Description**

This kōwae ako provides opportunities for taura to practically apply theory-based concepts in Year One, through the sampling and monitoring of species. The kōwae ako also increases taura understanding of water use and requirements locally.

### **TAI678** Environmental Sustainability & Technology – Solutions

#### **Course Type**

Core

#### **Description**

This kōwae ako requires taura to demonstrate their ability to think critically when dealing with various pieces of information and provide sustainable solutions that are fit for purpose. The kōwae ako also gives taura the opportunity to review new types of technology on a global scale.

# Year Three Courses

## **TAI771** Whānau, Hapū, Iwi – Environmental Sustainability

### **Course Type**

Core

### **Description**

This kōwae ako challenges taura to synthesise information from various information and approaches to create and propose a solution for a complex local environmental situation or problem.

## **TAI773** Kaitiakitanga – Environmental Leadership

### **Course Type**

Core

### **Description**

This kōwae ako requires taura to demonstrate environmental leadership by identifying, applying, and reviewing Kaitiakitanga concepts to solve wide scale issues within their whānau, hapū and iwi.

## **TAI772** Whenua – Management

### **Course Type**

Core

### **Description**

Mitigating risk and solving complex situations are included in this kōwae ako, within the context of whānau, hapū and/or iwi land as an essential resource for their future.

## **TAI774** Ecology – Major Eco-Systems

### **Course Type**

Core

### **Description**

This kōwae ako looks at the origins and application of mātauranga Māori in the marine and terrestrial environments, the functions of major marine and terrestrial ecosystems and investigates the human impacts on marine and terrestrial species and ecosystems effects.

## **TAI775** Rangahau – Synthesis

### **Course Type**

Core

### **Description**

Taura are required to implement practices and processes of research within this kōwae ako, ensuring research is applied appropriately and is evidence driven.

## **TAI777** Climate Change – Mitigation

### **Course Type**

Core

### **Description**

This kōwae ako investigates human displacement and infectious diseases. The kōwae ako also investigates species adaptation, pest movement and management as a result of climate change. Taura will also identify the effects of pH levels in the ocean and the potential global impact of ocean acidification.

## **TAI776** Wai – Management

### **Course Type**

Core

### **Description**

Mitigating risk and solving complex situations are included in this kōwae ako. Taura will demonstrate their ability to provide solutions within the context of whānau, hapū and/or iwi waterways as an essential resource for their future.

## **TAI778** Environmental Portfolio of Works

### **Course Type**

Core

### **Description**

As an essential element of project-based learning, this kōwae ako requires taura to complete a portfolio of works that outlines their ability to provide solutions to complex situations and draw evidence-based conclusions that are meaningful to their whānau, hapū, and/or iwi.

## Choosing the right career for your future

Choosing the right career can be difficult. Having an idea of what you want to achieve when studying with us will help you. Here's a few tips on where to start.

### Think about

- Your interests, values, qualities and skills
- Careers that have opportunities in the workplace, community, iwi or in higher education
- What you would want to be earning when qualified
- What will keep you motivated and enthusiastic while in study

### Talk to

- Friends and whānau
- Careers advisers
- Our friendly staff

### What education you need to enter a career

- Find a pathway that suits you
- Choose the provider right for you
- Don't limit yourself to what you have learnt previous to undertaking studies with us, think about what experiences and differences you want to make with your qualification.

### Useful websites

- **To plan your career:**  
[www.careers.govt.nz/plan-your-career/](http://www.careers.govt.nz/plan-your-career/)
- **OR** [www.kiaorahauora.co.nz/](http://www.kiaorahauora.co.nz/)
- **To see jobs available:**  
[www.employment.govt.nz](http://www.employment.govt.nz)



## How to apply



**In Person**



**On Paper**



**Phone**



**Online**

**Before you apply make sure you have all the information you need available:**

- Date of birth (*a passport or birth certificate will be required*)
- Address
- Contact Numbers
- Email address
- Proof of previous qualifications (*if applicable*)

**If you have any questions:**

- ☎ 0508 92 62 64
- ✉ [enquiries@wananga.ac.nz](mailto:enquiries@wananga.ac.nz)

**For information regarding fees, please visit:**

- 🌐 [www.wananga.ac.nz/enrolment/fees/](http://www.wananga.ac.nz/enrolment/fees/)

## Financing your study

Once you've decided what you want to study, next comes the scary part – paying for it. There are numerous funding options available and we are here to help you. Contact us on freephone 0508 92 62 64 and one of our staff will guide you in the right direction.

### For further information:

Call the Studylink Contact Centre (hours 7am to 6pm Monday to Friday) on 0800 88 99 00, or visit [www.studylink.govt.nz](http://www.studylink.govt.nz)

## Scholarships and grants

There are a wide range of scholarships and grants available for both new and current students. To find out what scholarships and grants are available within New Zealand, visit [www.generosity.org.nz/giv-me](http://www.generosity.org.nz/giv-me) (The givMe database – formerly known as breakout – is the most comprehensive database for information about scholarships and grants available in New Zealand).

### For information regarding scholarships & grants, please visit:

 [www.wananga.ac.nz/enrolment/paying-for-study/](http://www.wananga.ac.nz/enrolment/paying-for-study/)

## Loans and allowances

If you're enrolled in full-time study then our full-time courses qualify for Student Loans and Student Allowances through StudyLink. Many part-time programmes qualify for Student Loans too. Student Loans are available to help you meet costs while you're studying, including fees, course-related costs and living expenses. You will need to repay this once you finish studying. Student Allowances are also available to help out eligible students with living expenses; they don't have to be repaid.

## Ngā Uara

TIKA • PONO • AROHA

Our organisation has defined values (*Ngā Uara*) which we embed in the support, teaching and learning environments of Te Whare Wānanga o Awanuiārangī.



### Whanaungatanga

To value all relationships and kinship connections



### Kaitiakitanga

To protect and support



### Manaakitanga

To respect and care



### Pūmautanga

To commit to excellence and continuous improvement



### Tumu whakaara

To inspire and lead through example



## Our Vision

***Rukuhia te mātauranga ki tōna hōhonutanga me tōna whānuitanga. Whakakīia ngā kete a ngā uri o Awanuiārangī me te iwi Māori whānui ki ngā taonga tuku iho, ki te hōhonutangav me te whānuitanga o te mātauranga kia tū tangata ai rātou i ngā rā e tū mai nei.***

Pursue knowledge to the greatest depths and its broadest horizons. To empower the descendants of Awanuiārangī and all Māori to claim and develop their cultural heritage and to broaden and enhance their knowledge base so as to be able to face with confidence and dignity the challenges of the future.



## Our Mission

***Ū tonu mātou ki te whai ki te rapu i te hōhonutanga o te mātauranga kākanorua o Aotearoa, kia taea ai te ki, ko wai āno tātou, me te mōhio ko wai tātou, kia mōhio ai nō hea tātou, me pēhea hoki tātou e anga whakamua. Parau ana tēnei ara whaingā, hei whakapūmau āno i te tino rangātiratanga, hei taketake ai te ihomatua Māori me ōna tikanga kia ōrite ai te matū ki ngā mātauranga kē. Koia rā ka tū pakari ai, tū kotahi ai hoki me ngā iwi o te ao tūroa. Koia nei te ia o te moemoeā me ngā tūmanako o Te Whare Wānanga o Awanuiārangī. Haere mai... Me haere tahi tāua.***

We commit ourselves to explore and define the depths of knowledge in Aotearoa, to enable us to re-enrich ourselves, to know who we are, to know where we came from and to claim our place in the future. We take this journey of discovery, of reclamation of sovereignty, establishing the equality of Māori intellectual tradition alongside the knowledge base of others. Thus, we can stand proudly together with all people of the world. This is in part the dream and vision of Te Whare Wānanga o Awanuiārangī.



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