



Programme Length

As an online programme, study can be at a pace set by the student. However each module needs to be completed within three months and the whole qualification must be completed within three years.

Dates

You can enrol anytime between
1 February and **31 August**.

How to Apply

Contact Ann Fitzgerald
Faculty of Regional Education Programmes
Aoraki Polytechnic, Timaru, New Zealand
Phone 03 684 0884 or 0800 426 725 ext 884

Contact us today for more details.

Ann Fitzgerald

Faculty of Regional Education Programmes
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**Building Biology &
Ecology Institute**
www.ecoprojects.co.nz

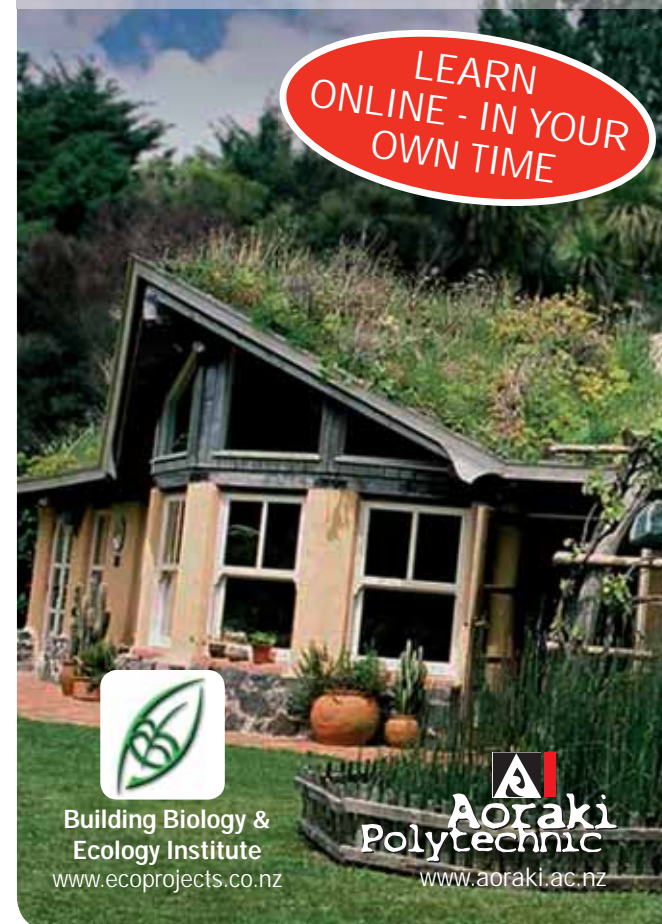

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Disclaimer: Aoraki Polytechnic reserves the right to alter training start dates or amend training course content as required. Commencement of all training is subject to sufficient enrolments and gaining internal and external approvals. Fees may also be subject to some alteration prior to commencement of the training.

Interested in a healthier and more sustainable built environment?

Certificate in
Ecological Building & Design
(Introductory)

**LEARN
ONLINE - IN YOUR
OWN TIME**



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Certificate in Ecological Building & Design (Introductory) Level 5

The Certificate in Ecological Building and Design (Introductory) is delivered online and designed to provide a course of study suitable for people from varying backgrounds who have an interest in the built environment and its effect on the health of people and the natural environment.

The programme will complement career training in the fields of architecture, draughting, building and construction, interior and landscape design, town planning, natural health and social work.

The programme will also suit individuals interested in improving their own health or building their own home.



The programme consists of the following five modules:

- Principles of Ecological Building and Design
- Building and Site Design
- Materials and Construction
- Energy and Alternative Energy
- Water and Wastewater

For those students not wanting to study the whole 40 credit programme, we offer each module as a separate Short Award. Students, however, must enrol in Module 1 first as this is the basis of Ecological Building and Design and is the pre requisite for enrolment in the remaining four modules.

Module 1. Principles of Ecological Building and Design
This course is designed to provide students with the skills and knowledge to assess the built environment and how it affects people and the natural environment.

Module 2. Building and Site Design
This course is designed to provide students with the skills and knowledge to approach the design of buildings, communities and landscape in a holistic and harmonious way. You will be able to incorporate bio harmonic design, permaculture, co-housing and other concepts into your own work or lifestyle.

Module 3. Materials and Construction
This course is designed to provide students with an appreciation of the range of materials available for ecological building and the construction principles required for those materials, including earth, strawbales, naturally durable timbers, natural paints and more.



Module 4. Energy and Alternative Energy
This course is designed to introduce students to alternative ways of using and providing energy for a building or community. You will learn how to incorporate concepts of passive solar design, energy efficiency and renewable power sources into your own work or lifestyle. You will also gain a basic knowledge of the electro-climate within and around buildings, its effect on people and how to minimise these problems.

Module 5. Water and Waste Water
This course is designed to introduce students to the principles of healthy and sustainable water use in a building or community. You will be able to incorporate concepts of rainwater harvesting, water conservation, composting toilets, and on site waste water treatment into your own work or lifestyle.

The Certificate in Ecological Building and Design (Introductory) is a Level 5 qualification approved by ITPO (Institute of Technology and Polytechnic Quality)

The programme is based on material developed by the Building Biology and Ecology Institute of NZ (BBE) and is run by Aoraki Polytechnic in conjunction with BBE.

Entry Criteria
Open entry for students over the age of 16 years.



Ann Fitzgerald
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Building Biology &
Ecology Institute

Aoraki
Polytechnic



Certificate in
**Ecological Building
& Design (Introductory)**
Level 5

2009 Course Fees

\$200 per module

For New Zealand and Australian citizens or permanent residents residing in New Zealand*.
(*Eligible for a Ministry of Education fee subsidy).

International student fee - NZD \$580 per module

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