



VOCATIONAL
PATHWAYS

TOI-OHOMAI
Institute of Technology

Primary Industries Courses

Agriculture
Environment & Conservation
Forestry
Horticulture
Marine Biology
Maritime & Fishing
Vet Nursing & Animal Care
Wood Manufacturing



TOI-OHOMAI

Institute of Technology

Kia ora and welcome to Toi Ohomai Institute of Technology

**Our name means to aim high and achieve great heights -
to be awakened by learning**

We believe that your success is the key to the success of our whole region. That's why we're here to help make your dreams a reality.

Our five main campuses are located throughout the beautiful Bay of Plenty and South Waikato - in Rotorua, Taupō, Tauranga, Tokoroa and Whakatāne. We also have 86 extra delivery sites dotted across our region and almost 200 courses to choose from, including 25 courses which can be completed online. All of this makes it easy for more than 13,000 students to study with us every year.

This guide highlights all of the Toi Ohomai courses in the Primary Industries Vocational Pathway - preparing for industries like agriculture, horticulture, environmental management, marine biology, forestry, wood manufacturing, maritime and fishing, and animal care. If you're keen to be part of an outdoor, physical, high-tech industry, we're confident you'll find something here to inspire you.

Join us for your learning journey and let's discover your true potential!

CONNECT

info@toiohomai.ac.nz

0800 86 46 46

toiohomai.ac.nz





95%

Employers say our qualifications prepare students for their future needs

93%

Graduates use the skills and knowledge gained during their study in their job

91%

Students are satisfied with their course

84%

Students are employed soon after course completion

Disclaimer: Every effort has been made to ensure the information contained in this Vocational Pathway booklet is accurate at the time of printing in July 2018. However, no liability can be accepted for any errors or omissions or views expressed herein, and information is subject to change. Toi Ohomai Institute of Technology reserves the right to cancel or change the content, timing, method or place of delivery of any course.

YOU'RE WELCOME HERE

Education is for everyone – we currently have students from 15 through to 82 and every age in between! Whether you're straight out of school, heading in a new direction, need to upskill to move up the career ladder, or just love a new challenge, you've come to the right place. Every member of our Toi Ohomai team is here to help you succeed. You'll also get plenty of opportunities to chill out and socialise with other students – there's heaps of fun stuff to do on campus.

How to Apply



STEP 1: SEND US YOUR APPLICATION

You can apply online at toiohomai.ac.nz, in person at one of our campuses, or over the phone by calling one of our friendly team on 0800 86 46 46.



STEP 2: WE'LL BE IN TOUCH

We'll let you know if you need to come in for an information session or interview (this is a requirement for some courses, but not for others). This is your opportunity to find out more about the course and check that it's the best fit for you, and allows us to make sure you meet the entry requirements. If you don't need to come in, you'll skip to Step 3.



STEP 3: COMPLETE YOUR PAPERWORK

Complete your Study Agreement and associated paperwork, including your legal identification. If you're a domestic student, we'll encourage you to contact StudyLink now to make sure you receive any payments you're entitled to. If you need help with your StudyLink application, we can step you through it.



STEP 4: RECEIVE YOUR ACCEPTANCE LETTER

Once we receive your completed Study Agreement and supporting documentation, you will receive an acceptance letter.



STEP 5: PAY YOUR FEES

Ensure your fees have been paid before your course starts (if paying via StudyLink, make sure you complete your StudyLink application before your course starts).



STEP 6: RECEIVE YOUR FIRST DAY LETTER

Your First Day letter has all the information you'll need to help you settle in.

START STUDYING AT TOI OHOMAI

Welcome, it's great to have you with us!

WHY TOI OHOMAI IS A GREAT CHOICE

You're not just a number

Our smaller class sizes make learning easier and more engaging, helping you connect with your teachers and other students. We also offer loads of free support to suit your needs – research and writing tips, maths tutorials, tikanga Māori guidance and more!

Real-life applied learning

Our students learn by doing, so you'll get plenty of valuable practical experience in the field you've chosen. All of our courses are aligned with industry needs to make sure you'll have a relevant qualification you can use to reach your goals.

Build your network

More than 75% of our students spend part of their course undertaking work placements. This will give you the chance to impress potential employers and make valuable connections for the future.

An exceptional team

Our passionate teachers are among the best in New Zealand – award-winning academic and industry leaders from an array of vocational fields. Prepare to be blown away by our team's dedication and enthusiasm; we all want you to succeed!

Impressive facilities

We offer high quality teaching spaces, multi-sport recreational centres and outdoor areas, healthy smoke-free campuses, and convenient low-cost student accommodation.



Flexible study options

Nervous about giving up your job? Check out our range of part-time and online courses, which may allow you to keep working while you're studying.

Easy pathways to further study

In addition to all the Toi Ohomai degrees we offer, several of our diplomas also pathway directly into degrees offered by the University of Waikato (UoW) in Tauranga. This gives you the option to complete a diploma course, with all the benefits featured on this page, and then cross-credit what you've learnt to complete a UoW degree without having to leave this region.

Experienced and future-focused

Toi Ohomai is only a few years old, but our origins lie in our two legacy institutes – Bay of Plenty Polytechnic and Waiariki Institute of Technology. These respected tertiary providers merged in 2016 to better cater for the needs of our region, resulting in one of New Zealand's largest tertiary institutes, Toi Ohomai Institute of Technology.

STANDARD ACADEMIC ADMISSION REQUIREMENTS

These are the minimum academic requirements for Toi Ohomai courses based on their New Zealand Qualifications Authority (NZQA) level. Some courses may specify additional requirements, including domestic and international IELTS requirements, so please check the entry criteria for the course you are interested in or contact our Information Centre for assistance.

Certificate (Levels 1-3)

Domestic and international students are required to provide evidence of ability to complete academic requirements

Certificate (Level 4)

Domestic and international students will normally be required to have:

- NCEA Level 2 with passes in English/Te Reo Māori or education achievement at least equivalent to NCEA Level 2; or
- evidence of ability to complete academic and any other course requirements

Certificate or Diploma (Levels 5-7)

Domestic students under 20 years of age and all international students must have:

- NCEA Level 2 with passes in English/Te Reo Māori or education achievement at least equivalent to NCEA Level 2, and a minimum of 42 credits at Level 3; or
- evidence of ability to complete academic requirements for the course

Bachelor's Degree (Level 7)

Domestic students under 20 years of age and all international students must:

- meet the University Entrance criteria as specified by NZQA or have education achievement at least equivalent to NZQA University Entrance. Where an applicant did not attend schooling in New Zealand, the

relevant equivalent to University Entrance will be considered on a case-by-case basis; and

- meet all course entry requirements; or
- provide evidence of ability to complete academic and other requirements (special admission requirements)

Domestic students over 20 years of age:

- students who do not hold a University Entrance qualification or equivalent may be eligible for admission to a bachelor's degree course subject to any entry and selection requirements specified in the respective course regulations and must provide evidence of their ability to complete academic requirements

Graduate Certificate or Graduate Diploma (Level 7)

All students (domestic and international) must:

- have completed an undergraduate degree in any discipline; or
- have completed a minimum of a two-year diploma equivalent to NZQA Level 7 or higher in a related discipline; or
- be able to demonstrate at least three years' equivalent relevant practical and/or professional experience (a curriculum vitae must be submitted detailing relevant work experience and professional achievements)

Postgraduate Certificate or Postgraduate Diploma (Level 8)

All students (domestic and international) must:

- have completed a graduate certificate, graduate diploma or a bachelor's degree in a related subject recognised by Toi Ohomai; or
- be able to demonstrate at least five years' equivalent relevant practical and/or professional experience; and
- provide evidence of ability to complete academic and other requirements (special admission requirements)

Master's Degree (Level 9)

All students (domestic and international) must:

- have completed a bachelor's degree, bachelor's degree with honours, or a postgraduate diploma in a related subject recognised by Toi Ohomai; or
- be able to demonstrate at least five years' equivalent relevant practical and/or professional experience; and
- provide evidence of ability to complete academic and other requirements (special admission requirements)

Special Admission

- a) where applicants do not meet all entry requirements, they may gain special admission if Toi Ohomai is satisfied the applicant is capable of meeting the academic requirements and where literacy and numeracy skills are sufficient to meet health and safety requirements
- b) no domestic student under the age of 16 years may be admitted for any course unless permission has been granted by the Principal of the school at which the student is enrolled or the student has been exempted from attending school by a designated officer of the Ministry of Education. Any such student must also demonstrate ability to be able to achieve at the level of tertiary study they plan to study.

Additional Requirements for International Students

In addition to meeting the course entry requirements, international students must:

- have evidence of receipt of an appropriate visa; and
- be over 18 years of age (applicants between the ages of 14 and 18 years will only be accepted after an assessment of the student's support systems has been made)
 - a) international students must demonstrate their ability to meet the English language requirements of the course in which they enrol, including any professional requirements for English capability
 - b) unless otherwise specified in the course regulations, the English language requirements for students who come from non-English speaking backgrounds are those equivalent to:

Qualification Level	L3	L4	L5	L6	L7	L8 and Above
IELTS	General or Academic score of 5 with no band score lower than 5	General or Academic score of 5.5 with no band score lower than 5	Academic score of 5.5 with no band score lower than 5	Academic score of 6 with no band score lower than 5.5	Academic score of 6 with no band score lower than 5.5	Academic score of 6.5 with no band score lower than 6

- a) other approved English language tests may be used to demonstrate that the English standard is met
- b) exemptions from proof of English language proficiency criteria will comply with NZQA rules
- c) Toi Ohomai reserves the right to test students for English language proficiency at any time during their enrolment. Test results will be used to determine additional support requirements, where it is identified that students need additional support.

NEED A JUMP-START?

Are you thinking about tertiary education but don't meet the entry criteria? Or perhaps you're interested in a trade, but can't decide between engineering, automotive or carpentry?

Our bridging courses will give you the confidence, knowledge and skills to succeed in higher level study. They can also help you choose the right career pathway.

GETTING STARTED

		Rotorua	Tauranga	Taupo	Tokoroa	Whakatāne	Other
New Zealand Certificate in Skills for Living for Supported Learners (Level 1)	1 year	•	•				
New Zealand Certificate in Foundation Skills (Level 2)	1 trimester	•	•	•	•	•	•
New Zealand Certificate in Foundation Skills (Level 2) - Trades	1 trimester	•	•	•	•	•	•
New Zealand Certificate in Study and Career Preparation (Level 3) - Study and Career; Police and Services	1 trimester	•	•	•	•	•	•
New Zealand Certificate in Study and Career Preparation (Level 4)	1 trimester	•	•	•	•	•	

Courses are subject to sufficient demand at each location.

FINANCIAL INFORMATION

Fees Free – what it means

The first year of a tertiary course or the first two years of industry training are now fees free for school leavers and for anyone else who has completed less than half a year of tertiary study.

General 'fees free' criteria:

- NZ citizen or resident of any age
- less than six months' previous tertiary study at Level 3 or higher
- for full-time or part-time study
- if students don't use all their 'fees free' allocation in the first year (i.e. if they are part-time or start studying mid-year), they can use the remainder the following year
- usually covers tuition fees and compulsory costs – living costs and some other costs are not included

Visit www.feesfree.govt.nz and enter your National Student Number (NSN) to check if you qualify.

Please note that most of our Level 1 and 2 courses are fees free for all domestic students.

Financial Assistance

Make sure you check out all of the financial assistance available to you such as:

- scholarships (ask our Information Centres or click on the Student Services tab at toiohoma.ac.nz)
- student loans and allowances (ask our Information Centres or visit www.studylink.govt.nz)

YOUTH PATHWAYS



Secondary Tertiary Programmes

(STAR, Trades Academy and Gateway)

These programmes give secondary school students free access to selected Toi Ohomai courses while they are still at school. Students can use the credits gained in this programme towards a Level 1, 2 or 3 qualification and can also earn Vocational Pathway endorsements. Contact the careers advisor at your school for more information. Places are limited and conditions apply.



SmartPaths

Year 12 and 13 students can access the SmartPaths programme in a variety of ways, depending on your location and area of interest. Some students enjoy a one-day experience at one of our campuses, while others take a year-long Toi Ohomai course conveniently taught at their school, allowing them to learn new skills in areas like horticulture, automotive, marine studies and sports leadership. Contact the careers advisor at your school for more information.



Student for a Day

Trying to decide what to study? If you're a senior student and you want to experience a particular course first-hand to help you make your decisions, try our Student for a Day programme. Complete the online form on our website under Secondary School Services. This programme is only available at our Windermere Campus in Tauranga.



Fees Free through Youth Guarantee

Struggling with school? Youth Guarantee programmes are fees free for students aged 16 to 19. Learn practical skills and get on the pathway to your chosen career. Places are limited and conditions apply.



Māori and Pasifika Trade Training

Te Ara Poutama – SkillME improves employment opportunities for Māori and Pasifika learners aged 16 to 40 by providing fees free tailored education and training and possible entry into an apprenticeship. The scheme offers mentoring and support throughout the training and employment-seeking process, and assistance with goal-setting and work readiness preparation. Places are limited and conditions apply.

CAMPUS SERVICES

We provide some pretty amazing campus services at student prices!

- aquatic, fitness and recreation centres
- automotive workshops
- beauty and hair salons
- cafés
- childcare centres
- computer services team, computer labs and Wi-Fi – all free for student use
- copy centres

Watch out for term time treats from the hospitality students too – serving up a selection of tasty delights from their own pop-up cafés.

Not all services are available at all campuses. Please ask our Information Centre if you'd like to know more.

Academic Assistance

Our learning facilitators are always available to offer advice and advocacy services to help you reach your academic goals. Topics include:

- academic writing
- computing support
- essay and report writing
- library support
- mathematics
- referencing
- study skills
- time management
- online learning resources

Careers Services

Choosing a career pathway that best reflects your passion, skills and strengths can sometimes be a daunting process. Our careers team offer online and face-to-face services across all of our campuses to support you on your journey.

Equity Support Services

Our equity facilitators are keen to ensure you get all the help you need to succeed at Toi Ohomai. They offer:

- advocacy and advice
- ergonomic equipment
- exam and test support
- note-taker support

Health Care

The health care team provides a range of free and subsidised health services at our Rotorua and Tauranga campuses. Discretion is always assured.

- counselling services
- first aid
- health education and awareness
- mental health and community support services
- onsite nurses
- onsite physiotherapy
- sexual health services
- quit smoking support
- stress management

Māori Cultural Support

Traditional Māori pōhiri are important ceremonies that welcome new students to our campuses. At Mokoia Campus, in Rotorua, pōhiri are held at our own Tangatarua Marae. Windermere Campus, in Tauranga, features the Pomare wharenuī, as well as a Kōhanga Reo childcare facility.

Prayer Facilities

Prayer rooms are available 24 hours a day, seven days a week, at Tauranga's Bongard Centre, and the Mokoia and Windermere campuses.

VOCATIONAL PATHWAYS

The following pages provide information about all of the Toi Ohomai courses in the Primary Industries Vocational Pathway.

It is one of the six Vocational Pathways designed by the government to help identify the type of job you would like and the subjects and courses you'll need to take to reach your goals.

Vocational Pathways also provide a framework to demonstrate the value of your education to the workforce, aligning

your learning to the skills required by each of the six industry sectors.

If you have no idea what job or career you want to pursue, the Vocational Pathway tools can also demonstrate how your strengths and interests relate to a wide range of job and study options. To get started, visit www.youthguarantee.net.nz and try the Profile Builder.





PRIMARY INDUSTRIES

If you like the outdoors and want to apply your skills in a high tech sector, this is your pathway – and there's quick career advancement if you have the drive to succeed.

You might end up on a farm, in a forest, in a nursery or orchard, in a production plant, or on the sea. You might work amongst stunning, often isolated, scenic landscapes. Your workload and tasks may change with the seasons. Safety has a strong focus in this sector, because there is often an element of danger.

There are also plenty of scientific, high tech, and advisory career paths as primary industries strive to be innovative and environmentally sustainable to compete in the global marketplace. This is a big sector for Māori, with a large portion of New Zealand's forests, fisheries, and farms Māori-owned and operated.

No matter which industry you choose to work in, you'll contribute to a vital and pioneering sector that's one of New Zealand's biggest employers and major exporters.

Ref: www.youthguarantee.net.nz

Courses are subject to sufficient demand at each location.





An Animal Lover,
Nurturing,
Outdoorsy,
Green-fingered,
Environmentally Aware,
Adventurous,
Sustainable,
Practical,
Driven?

**ARE
YOU...**



AGRICULTURE & HORTICULTURE

New Zealand Certificate in Primary Industry Skills (Level 2)

Duration	Study Option	Locations	Credits
15 weeks	Full-time	Rotorua, Tauranga, Taupō, Tokoroa, Whakatāne, and other regions	40

Recommended school subjects: Science, Technology, English, Maths

Discover what it would be like to have a career in horticulture, agriculture, or forestry! This free* taster course will equip you with entry-level skills for your first job within a range of primary industry sectors, or can lead into further study.

There's a balance between theory and practical sessions to help you get a real taste of what the primary industry has to offer.



*Free for domestic students only

New Zealand Certificate in Fencing (Level 3)

Duration	Study Option	Locations	Credits
29 weeks	Full-time	Rotorua, Tauranga, Taupō, Tokoroa, Whakatāne, and other regions	100

Recommended school subjects: Science, Maths, English, Horticulture, Agriculture, Physical Education

Permanent fencing is an essential part of New Zealand's agricultural and horticultural sectors and our conservation estate. Skilled fencing contractors are always in demand.

You'll learn how to complete core fencing tasks to industry standards, such as how to design, price, brace, strengthen, and repair fences. You'll also learn how to fit electric fences and underground cabling, and how to operate and maintain fencing machinery and equipment.

New Zealand Certificate in Apiculture (Level 3)

Duration	Study Option	Locations	Credits
1 year	Part-time	Rotorua, Tauranga, Taupō, Tokoroa, Whakatāne, and other regions	65

Recommended school subjects: Science, Maths, English, Horticulture, Agriculture, Physical Education

New Zealand's horticulture sector relies on bees for pollination and you'll learn how to play a vital role in this process.

You'll learn about bee lifecycles and behaviour, bee products, site selection, hive management, bee transportation, disease control, and safe working strategies. You'll get your own beehive, bee suit, smoker and hive tools, and harvest your own tasty honey as part of your practical learning.





**New Zealand Certificate in Agriculture (Farming Systems) (Level 3) AND
New Zealand Certificate in Agriculture (Vehicles, Machinery and Infrastructure)
(Level 3)**

Duration	Study Option	Locations	Credits
1 year	Full-time	Rotorua, Tauranga, Taupō, Tokoroa, Whakatāne, and other regions	130

Recommended school subjects: Science, Maths, English, Horticulture, Agriculture, Physical Education

Get your farming career started with this conjoined course, which gives you two valuable qualifications. You'll learn how to safely operate, fix and maintain farm vehicles; and build and repair farming structures like fences, calf pens and wool sheds.

You'll get plenty of hands-on learning, spending time working on a farm performing tasks such as livestock handling and drenching.

**New Zealand Certificate in Horticulture (General) (Level 3) AND
New Zealand Certificate in Agriculture (Vehicles, Machinery and Infrastructure)
(Level 3)**

Duration	Study Option	Locations	Credits
1 year	Full-time	Rotorua, Tauranga, Taupō, Tokoroa, Whakatāne, and other regions	105

Recommended school subjects: Science, Maths, English, Horticulture, Agriculture, Physical Education

Like working with plants and being outdoors? Get your primary industries career started with this conjoined course, which will give you two valuable qualifications.

You'll gain skills in propagation, plant care, pest control, pruning, soil science, and landscape design, and learn how to work safely with agrichemicals. You'll also learn how to safely operate, fix, and maintain machinery such as tractors, quad bikes, and light utility vehicles; and build and repair horticultural infrastructure such as irrigation and fencing.

New Zealand Certificate in Horticulture (Level 3)

Fruit Production

Duration	Study Option	Locations	Credits
1 year	Part-time	Rotorua, Tauranga, Taupō, Tokoroa, Whakatāne, and other regions	75

Recommended school subjects: Science, Maths, English, Horticulture, Agriculture, Physical Education

This course is designed for people who are currently working in the fruit production sector.

You'll develop specific knowledge and skills in production growing and harvesting practices and processes, using a range of technologies to support your learning in the classroom and in the field.

Course delivery is cleverly designed to match the seasonal production cycle.

New Zealand Certificate in Horticulture (Level 4)

Fruit Production

Duration	Study Option	Locations	Credits
15 months	Part-time	Rotorua, Tauranga, Taupō, Tokoroa, Whakatāne, and other regions	90

Recommended school subjects: Science, Maths, English, Horticulture, Agriculture, Physical Education

This part-time course is designed for people who are currently working in the fruit production sector and who want to work in a supervisory position.

It is industry focused, meaning that you'll graduate with the exact skills the industry is looking for - like production knowledge, teamwork, and communication.

You'll develop a range of supervisory and seasonal fruit production skills, while gaining an in-depth knowledge of growing and harvesting processes.



New Zealand Certificate in Organic Primary Production (Level 4)

Livestock Production; Crop Production

Duration	Study Option	Locations	Credits
1 year	Part-time	Rotorua, Tauranga, Taupō, Tokoroa, Whakatāne, and other regions (blended)	60

Recommended school subjects: Science, Maths, English, Horticulture, Agriculture, Physical Education

If you have some experience in horticulture or agriculture and want to learn more about organic crop or livestock production, this practical, part-time qualification is for you.

You'll learn how to apply organic principles, understand the certification process, and implement a soil and nutrient management plan. You'll learn in real-life environments with a mixture of face-to-face and online learning.

New Zealand Diploma in Agribusiness Management (Level 5)

Duration	Study Option	Locations	Credits
15 months	Part-time	Rotorua, Tauranga, Taupō, Tokoroa, Whakatāne, and other regions	150

Recommended school subjects: Science, Maths, English, Horticulture, Agriculture, Physical Education

An ideal course for business owners or people who want to move into agricultural management roles. You'll gain knowledge and practical skills to streamline your business and increase returns.

You'll learn about general farm and orchard planning, financial management and sustainable farming practices, and hear from guest speakers in the agricultural and financial sector. You'll also analyse your own systems and processes to identify where you can improve outputs each month.

Blended - a mix of campus classes and online learning



New Zealand Diploma in Horticulture Production (Level 5)

Post-Harvest

Duration	Study Option	Locations	Credits
2 years	Part-time	Tauranga	120

Recommended school subjects: Science, Maths, English, Horticulture, Agriculture, Physical Education

This diploma has been developed with industry to provide specialist technical skills and knowledge in the post-harvest sector. You'll access resources and industry experts to enhance your understanding and build on the skills you may already have.

You'll learn to demonstrate leadership and relationship management with employees and clients, and plan and manage post-harvest operations and quality standards to achieve production goals. This is ideal preparation for roles such as a production manager, coolstore manager, packhouse technician, or logistics manager.

Fruit Production for Profit (Level 5)

Training Scheme

Duration	Study Option	Locations	Credits
1 year	Part-time	Tauranga	36



Training Schemes not eligible for student loans or allowances

ENVIRONMENT, CONSERVATION & MARINE BIOLOGY

National Certificate in Diving (Foundation Skills) (Level 3)

Duration	Study Option	Locations	Credits
1 year	Part-time	Tauranga	42

Recommended school subjects: Maths, Science

Learn how to safely explore the underwater world. This course translates into PADI Open Water, Advanced and Rescue Diver qualifications. This course is also open to New Zealand Diploma in Environmental Management (Marine) (Level 5) students who choose to follow the diving pathway.

New Zealand Certificate in Pest Operations (Level 3)

Rural Pest Control

Duration	Study Option	Locations	Credits
1 trimester	Full-time	Rotorua, Tauranga, Taupō, Tokoroa, Whakatāne, and other regions	60

Recommended school subjects: Science, Technology, English, Maths

Supporting the environmental sustainability of New Zealand is a key goal for our government and communities. You'll learn how to carry out vital pest control to safeguard our country's biosecurity and conservation needs, as well as public health and enjoyment while using our rural areas.

New Zealand Certificate in Conservation (Operations) (Level 4)

Duration	Study Option	Locations	Credits
1 year	Full or Part-time	Rotorua, Tauranga, Tūrangi	120

Recommended school subjects: Science, Technology, English, Maths

If you're passionate about the environment and enjoy working outdoors, this course will kick start your career in conservation. You'll learn about ecology, conservation planning and management, maintaining personal and public health and safety, and teamwork.

You'll develop a great range of skills: driving quad bikes and light utility vehicles; operating and maintaining a chainsaw; using agrichemicals; managing pests; and building and maintaining tracks, fences, and conservation facilities.

If a course is offered full-time or part-time, the duration listed in this guide is the full-time equivalent.

New Zealand Diploma in Environmental Management (Marine) (Level 5)

Duration	Study Option	Locations	Credits
1 year	Full-time	Tauranga	120

Recommended school subjects: Biology, Chemistry, English, Maths, Marine Studies

This marine biology course attracts students from all over the world, who appreciate the fantastic field trips while they learn about our stunning marine and freshwater environments and the role these play in a healthy ecosystem.

You'll learn about the fascinating range of plants, invertebrates, mammals, birds, and fish that live above and below the water, with the additional choice of a waste management or fisheries management paper.

Once you've graduated, you can continue onto the Level 6 diploma and, if you want a degree, you can cross-credit both diplomas and then complete the final year of the University of Waikato Bachelor of Science to earn the degree, which is delivered in Tauranga.

New Zealand Diploma in Environmental Management (Terrestrial) (Level 5)

Duration	Study Option	Locations	Credits
1 year	Full-time	Rotorua, Tauranga	120

Recommended school subjects: Biology, Chemistry, English, Maths

This practical, environmental science qualification is earned amongst the scenic beauty of New Zealand's outdoor locations. You'll learn about botany, terrestrial science, ecology, and sustainability.

We'll take you on field trips to beautiful and remote parts of the country like the Coromandel or the Central Plateau, where you'll examine the challenges facing New Zealand's clean, green image, and look at what needs to be done to protect our world-famous environment.

Once you've graduated, you can continue onto the Level 6 diploma and, if you want a degree, you can cross-credit both diplomas and then complete the final year of the University of Waikato Bachelor of Science to earn the degree, which is delivered in Tauranga.



New Zealand Diploma in Environmental Management (Terrestrial) (Level 6)

Duration	Study Option	Locations	Credits
1 year	Full-time	Tauranga	120

Required: Must complete New Zealand Diploma in Environmental Management (Terrestrial) (Level 5) first, or equivalent

Are you ready to play a role in protecting and maintaining New Zealand's wonderful outdoor environment and its range of indigenous and introduced species?

If you enjoyed the New Zealand Diploma in Environmental Management (Terrestrial) (Level 5), you'll find plenty more to excite you in this second year. This level 6 diploma will set you up with more in-depth skills and knowledge and, if you choose, prepare the way for advanced study to gain your degree.

You'll build on your knowledge of botany, terrestrial science, ecology, and sustainability, and continue your learning with a choice of elective papers in geology, biosecurity, or aquaculture.

This course has a strong focus on research and environmental reporting and monitoring, which means you'll get the opportunity to work alongside businesses and organisations to apply your skills in real-world surveying, sampling, and monitoring projects. You'll also learn how to design research and manage data and understand the regulatory environment.

Depending on your choice of subjects, you could be taking off to remote South Island locations or even overseas to study unique environments, monitor ecosystems, or survey indigenous species.

Environmental sustainability is crucial to our global decision-making. Sharp, enthusiastic graduates who understand terrestrial environments and how they are influenced by human activities are essential to support informed environmental management now and in the future.

Graduates can cross-credit this course and pathway into the University of Waikato Bachelor of Science (Biological Sciences), which can be completed in Tauranga.



Each week Chad Cottle gets transported by helicopter and dropped into native forest in the Southern Alps. The terrain is rough and uncharted, so bush skills are essential for survival. It may sound like he's part of the latest Survivor reality TV show, but Chad is actually a field ranger on the West Coast of the South Island.

Having completed his Diploma in Environmental Management, Chad now works for Zero Invasive Predators Limited. He is currently involved in an exciting and innovative new project to remove pests from a 12,000 hectare native forest block in the Southern Alps and protect the area from reinvasion.

"I really enjoy exploring new areas of forest and seeing things you wouldn't normally see. Working in challenging terrain also makes you appreciate the simple things in life, like a hot drink after a long day."

Chad Cottle



New Zealand Diploma in Environmental Management (Marine) (Level 6)

Duration	Study Option	Locations	Credits
1 year	Full-time	Tauranga	120

Required: Must complete New Zealand Diploma in Environmental Management (Marine) (Level 5) first, or equivalent

Continue your studies in marine science in the Bay of Plenty's awesome outdoor environment. This level 6 diploma will set you up with more in-depth skills and knowledge and, if you choose, prepare the way for advanced study to gain your degree.

You'll build on your knowledge of marine biology and continue your learning with a choice of elective papers such as aquaculture, biosecurity, coral reef ecology and monitoring, PADI instructors, scientific diving, or marine tourism.

The level 6 course has a strong focus on research and environmental reporting and monitoring, meaning you'll get the opportunity to work alongside businesses and organisations applying your skills in real-world surveying, sampling, and monitoring projects. You'll also learn how to design research and manage data and understand the regulatory environment.

Depending on your choice of subjects, you could be taking off to offshore islands such as Tuhua or Slipper Island, or even Papua New Guinea, to study unique environments, monitor ecosystems, or survey indigenous species.

Environmental sustainability is crucial to our global decision-making. Sharp, enthusiastic graduates who understand marine environments and how they are influenced by human activities are essential to support informed environmental management now and in the future.

Graduates can cross-credit this course and pathway into the University of Waikato Bachelor of Science (Biological Sciences), which can be completed in Tauranga.



For Marguerite Tairui, being in or on the water has always been second nature, and now she has turned these experiences into a dream career.

After graduating with a Diploma in Marine Studies⁺, Marguerite started working as a marine environmental consultant in French Polynesia, where she plans and conducts surveys to assess environmental impacts. Marguerite particularly enjoys the field work, when she can explore the Tahiti water to collect samples and data.

"The position I have now requires a lot of experience in the field, which I almost entirely gained during my course in Tauranga. All the field trips we did and the diving courses we had taught me how to organise fieldwork, the technical limitations, and helped me build confidence and competence in the field."

Marguerite Tairui

⁺now the New Zealand Diploma in Environmental Management (Marine)



Bachelor of Science (Biological Sciences)

Duration	Study Option	Locations	Credits
3 years	Full-time	Tauranga	360

Required: Must complete New Zealand Diploma in Environmental Management (Level 6) first, or equivalent

Want to gain a Bachelor of Science but don't want to leave the Bay? If you've completed your New Zealand diplomas in environmental management (levels 5 and 6) at Toi Ohomai, you can complete this University of Waikato degree in Tauranga with just one more year of study.

You'll develop key skills in terrestrial or marine ecology, fresh water ecology, and geographical information systems. One of the key benefits of this pathway is the practical skills and experience you'll gain while studying – it will make you more employable and more effective in your future roles.



Graduate Diploma in Environmental Sustainability*

Duration	Study Option	Locations	Credits
1 year	Full or Part-time	Rotorua	120

*Pending approval

If a course is offered full-time or part-time, the duration listed in this guide is the full-time equivalent.

FORESTRY

New Zealand Certificate in Forest Harvesting Operations (Level 3)

Manual Processing; Quality Control

Duration	Study Option	Locations	Credits
27 weeks	Full-time	Rotorua, Tauranga, Taupō, Tokoroa, Whakatāne, and other regions	85

This course focuses on manual processing and quality control. There's a mix of practical learning with some theory – you'll spend 10 weeks teamed up with a harvesting crew to put your skills and knowledge into practice.

You'll learn how to be safe on site, make basic logging cuts, correctly process logs according to specific measurements, make decisions about grade and quality and, of course, how to maintain, sharpen and operate your own chainsaw.

New Zealand Certificate in Forest Harvesting Operations (Level 3)

Woodsman

Duration	Study Option	Locations	Credits
21 weeks	Full-time	Rotorua	55-95

Recommended school subjects: Hard Technology, English, Maths

Learn how to safely operate a forestry machine used in harvesting operations. You'll gain skills and experience via our state-of-the-art simulators and by spending time in an actual excavator working in a real-life harvesting situation.

You'll learn how to be safe on site, make basic logging cuts, correctly process logs according to specific measurements, make decisions about grade and quality and, of course, how to maintain, sharpen and operate your own chainsaw.



New Zealand Diploma in Forest Management (Level 6)

Duration	Study Option	Locations	Credits
2 years	Full-time	Rotorua	240

Recommended school subjects: English, Maths, Science

Use this diploma to gain the skills and knowledge to work in a technical or management role within New Zealand's vast forest production and harvesting sector, 40% of which is located in the Bay of Plenty and South Waikato.

This industry needs people who can apply leadership and technical knowledge to the long-term planning and management of forestry operations. You'll learn everything from planting, through to harvesting. You'll visit industry leaders to assess and analyse operations, write business plans, and learn how to set up a forest management company – all while using industry specific software.

Introductory Chainsaw Skills (Level 3)

Training Scheme

Duration	Study Option	Locations	Credits
4 weeks	Part-time	Rotorua, Tauranga, Taupō, Tokoroa, Whakatāne, and other regions	10



Training Schemes not eligible for student loans or allowances

MARITIME & FISHING

New Zealand Certificate in Maritime Crewing (Level 2)

Duration	Study Option	Locations	Credits
12 weeks	Full or Part-time	Rotorua, Tauranga, Taupō, Tokoroa, Whakatāne, and other regions	40

This free⁺ course will give you the training and qualifications you'll need to apply for entry-level positions on commercial vessels. You'll spend plenty of time on board various vessels learning basic operational tasks to enable you to work as an effective member of the crew. Topics include safety and emergency procedures, survival equipment, nautical terms, anchor use, mooring and berthing, collision regulations, and rope usage.

New Zealand Certificate in Domestic Maritime Crewing (Level 3)

Duration	Study Option	Locations	Credits
12 weeks	Full or Part-time	Rotorua, Tauranga, Taupō, Tokoroa, Whakatāne, and other regions	40

Are you keen to enter maritime crewing, or need a Maritime New Zealand Qualified Deck Crew certificate for your existing role? This course will equip you with the skills and knowledge to work safely and effectively as a deck crew member under limited supervision on vessels less than 24m in length operating in restricted and near coastal waters.

New Zealand Certificate in Fishing Vessel Crewing (Level 3)

Duration	Study Option	Locations	Credits
25 weeks	Full or Part-time	Rotorua, Tauranga, Taupō, Tokoroa, Whakatāne, and other regions	75

This course will prepare you to work as an advanced deckhand on a fishing vessel. Graduates can apply for an internationally recognised advanced deckhand fishing certificate, through Maritime New Zealand.

You'll gain knowledge and skills to ensure the safe operation of fishing vessels that are at least 24m in length. Parts of this course can also be credited towards the Standards of Training Certification and Watchkeeping for Seafarers qualifications.

⁺Free for domestic students only

If a course is offered full-time or part-time, the duration listed in this guide is the full-time equivalent.



New Zealand Certificate in Aquaculture (Level 3)*

Duration	Study Option	Locations	Credits
12 weeks	Full-time	Tauranga and other regions	50

Recommended school subjects: Science, Maths

This qualification is designed to recognise the skills and knowledge of employees or potential employees in New Zealand’s growing aquaculture industry.

Maritime Operations – Skipper Restricted Limits (Level 4)

Duration	Study Option	Locations	Credits
1 trimester	Full-time	Tauranga (blended)	85

This course combines theory with strong practical skills to prepare you for employment in the maritime transport, tourism, or fishing industries.

It’s an ideal course if you’re already employed in these industries, or if you would like to move up to a role that requires a formal qualification. This Maritime New Zealand approved programme allows students to earn the Skipper Restricted Limits licence, which is essential for skippers of vessels up to 12 metres (or 24 metres with a further endorsement) for a distance of up to 12 nautical miles off the New Zealand coast.

The blended delivery enables you to start some course components online, meaning less time away from your job, and using sea time to complete the Seafarer Training Record Book means all of your learning is put into a relevant workplace context.

*Pending approval

Blended – a mix of campus classes and online learning

STCW Basic Firefighting (Level 3)

Training Scheme

Duration	Study Option	Locations	Credits
2 days	Full-time	Rotorua, Tauranga, Taupō, Tokoroa, Whakatāne, and other regions	2

STCW Elementary First Aid (Level 3)

Training Scheme

Duration	Study Option	Locations	Credits
2 days	Full-time	Rotorua, Tauranga, Taupō, Tokoroa, Whakatāne, and other regions	4

STCW Personal Safety and Social Responsibility (Level 3)

Training Scheme

Duration	Study Option	Locations	Credits
½ day	Full-time	Rotorua, Tauranga, Taupō, Tokoroa, Whakatāne, and other regions	1

STCW Personal Survival (Level 3)

Training Scheme

Duration	Study Option	Locations	Credits
2 days	Full-time	Rotorua, Tauranga, Taupō, Tokoroa, Whakatāne, and other regions	2

STCW Security Awareness (Level 3)

Training Scheme

Duration	Study Option	Locations	Credits
½ day	Full-time	Rotorua, Tauranga, Taupō, Tokoroa, Whakatāne, and other regions	1

STCW - Standards of Training Certification and Watchkeeping for Seafarers (STCW-10)

Training Schemes not eligible for student loans or allowances

WOOD MANUFACTURING

New Zealand Certificate in Solid Wood Manufacturing (Level 3)

Finger Jointing; Saw Doctoring; Timber Grading and Optimising; Timber Machining

Duration	Study Option	Locations	Credits
1 trimester or 1 year	Full-time	Rotorua	49-79

Recommended school subjects: English, Wood Technology

Are you ready to learn a trade surrounded by the sight and smell of freshly sawn timber? If you enjoy working with wood, here's your chance to jump-start your career in wood manufacturing.

Delivered through our Waipā Campus, we're the only dedicated training facility in the country to operate a working sawmill and wood manufacturing plant. Training and classes take place onsite, as part of our busy operation.

You'll learn about environmental issues, safety, and product quality, before specialising in two of the four different strands - finger jointing, saw doctoring, timber grading and optimising, or timber machining.

Once qualified, you'll be able to work as an operator in a solid wood manufacturing organisation.

New Zealand Certificate in Saw Doctoring (Level 4)

Duration	Study Option	Locations	Credits
1 year	Part-time	Rotorua	125

Recommended school subjects: English, Maths, Science

Are you interested in a hands-on and hugely important role in New Zealand's wood processing industry? If you enjoy making products out of steel, then saw doctoring could be the job for you.

Saw doctors are talented craftspeople and they're in super short supply. Without them, saws get blunt and fail and mills can't cut timber.

In this practical course, you learn how to design, make, repair, and sharpen blades and circular saws. You'll learn how to diagnose problems with blades and saw machinery to keep the sawmill working smoothly.

This is the only course of its kind in the southern hemisphere. You'll be based at our Waipā Campus, which is the only dedicated training facility in the country operating a working sawmill and wood manufacturing plant, providing valuable real world experience for students.

New Zealand Certificate in Finger Jointing (Level 4)

Duration	Study Option	Locations	Credits
1 year	Part-time	Rotorua	120

Recommended school subjects: English, Maths, Science

Are you already working in the wood manufacturing industry and would like more specialist skills? Finger jointing experts play a vital role at any wood processing plant and this course will set you up with the skills and knowledge needed to become a trade-level operator.

Our Waipā Campus is the only dedicated training facility in the country operating a working sawmill and wood manufacturing plant. You'll learn how to make a laminated product and gain plenty of experience using and maintaining finger jointing machinery.



VET NURSING & ANIMAL CARE

New Zealand Certificate in Animal Care (Level 3)

Duration	Study Option	Locations	Credits
1 trimester	Full-time	Rotorua, Tauranga	70

Recommended school subjects: English, Maths, Science

Would you love to work with animals? This entry-level course will equip you with the knowledge and skills you'll need to maintain the welfare of companion animals, such as cats, dogs, rabbits and rodents. You'll have the added benefit of practicing your handling skills through our onsite animal facility, which houses a wide range of species.

Graduates can work as assistants in pet stores, animal rescue or welfare centres, boarding and training facilities, wildlife parks, with breeders, or as pet groomers.

Anna Teagle secured a role at Agrodome soon after completing her Certificate in Animal Handling. She has a fun range of tasks as a farmhand and tour driver, including training and caring for the three Clydesdale horses who pull visitors around in a wagon.*

"The practical handling, learning about conservation, and the work experience placements were highlights of the course and really help with my job today. I was really nervous around horses while I was studying, so never thought working with Clydesdales would be where I'd end up. Now it's my favourite aspect of my job!"

Anna Teagle

*now the New Zealand Certificate in Animal Care



New Zealand Certificate in Animal Management (Level 4)

Companion Animals

Duration	Study Option	Locations	Credits
1 year	Full-time	Tauranga	120

Recommended school subjects: English, Maths, Science

An ideal course for anyone who wants to work with companion animals. You'll carry out the day-to-day care of animals on campus, and learn about animal behaviour, basic training, anatomy and physiology, breeding, first aid, and more.

You'll also organise at least 120 hours of work experience at two different animal care facilities to give you vital first-hand experience.

Graduates are equipped to work in the day-to-day care, welfare, or training of animals: for example as an animal shelter worker, dog trainer, animal laboratory technician, or the owner or manager of a cattery or kennel.

New Zealand Certificate in Animal Technology (Level 5)

Vet Nursing Assistant

Duration	Study Option	Locations	Credits
1 year	Full-time	Tauranga	120

Recommended school subjects: English, Maths, Science

Vet clinics are always seeking extra veterinary nursing assistants and this popular course will help you fill the gap. We'll give you plenty of practical experience handling all kinds of animals as you learn how to assist vets and vet nurses during standard checkups and vaccinations, anaesthetics, surgery preparation and assistance, and diagnostic procedures.

You'll study at our on-campus animal care facility and enjoy at least 240 hours of work placements at animal facilities and vet clinics out in the community.

Graduates usually work as veterinary nursing assistants, however there are plenty of other employment and self-employment options in the animal industry, for businesses such as doggy daycare centres, pet shops, kennels and catteries, animal welfare agencies, animal parks and zoos, or animal research facilities.

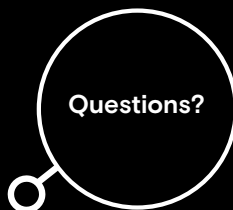


HOW TO APPLY

Either in person, by phone, or online

Before you apply you'll need to make sure you have the following information:

Date of birth
Address
Contact numbers
Email address
Your tertiary qualifications (if applicable)



Phone 0800 86 46 46
Email info@toiohomai.ac.nz
Website toiohomai.ac.nz

Financing your study

Once you've decided what you want to study, there are numerous funding options available and our friendly team are here to help. Pop in to see them on campus or give us a call.

LOANS & ALLOWANCES

All of our full-time courses qualify for student loans and student allowances through StudyLink. Some part-time courses qualify for student loans too.

Student loans are available to help you meet costs while you're studying – such as fees, course-related costs and living expenses. You'll need to repay the loan once you finish studying.

Student allowances are also available to help eligible students with living expenses. Student allowances don't have to be repaid.

Find out more at www.studylink.govt.nz or call StudyLink on 0800 88 99 00.

We advise you to apply early – as soon as possible! Student loans and allowances are subject to eligibility.

SCHOLARSHIPS & GRANTS

We offer a range of scholarships and grants for all sorts of people, not just straight-A students. For more details, visit one of our Information Centres or click on the Student Services tab on the toiohomai.ac.nz website.

You can also check the nationwide givME database with your careers advisor, on your school internet account, at your local library, or at our Information Centres or libraries.



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