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This booklet aims to help support our students to ensure they are able to build on their **Career management competencies** and have the necessary skills to transition effectively into the world of work or further tertiary study.

There are three career management competencies:

**Developing self-awareness**: Competencies that enable young people to understand themselves and the influences on them.

**Exploring Opportunities**: Competencies that enable young people to investigate opportunities in learning and work, and relate them to themselves.

**Deciding and Acting**: Competencies that enable young people to make and adjust their plans, to manage change and transition, and to take appropriate action.

To support the decision-making process there are two evenings you might wish to attend.

The first is the **Pathways Information Evening** where tertiary providers will display their learning pathways and answer any questions.

- **Date**: Thursday 26 July 2018
- **Time**: 5.30pm – 7.30pm
- **Venue**: Marjory Adams Hall

The second is the **Senior Options Evening** where teachers will be available to discuss programmes being offered in 2017:

- **Date**: Thursday 2 August 2018
- **Time**: 6.00pm-7.30pm
- **Venue**: Marjory Adams Hall

Other useful tools for helping students develop **self-awareness** and **explore opportunities** are **Career Central**, an online career development management portfolio with a number of career research mechanisms and online career tools, the **Where to? posters** which show the pathways available from different learning areas and the **Profile Builder which is part of the Vocational pathways** award system and enables Year 12 and 13 students to check that their school subjects meet the recommended industry sector standards for their intended career pathways. Please read the separate sections on these to gain further information.
CAREER CENTRAL

In 2018 we are introducing a new online career programme across Year 11 and 12 at EGGS. All students have a unique logon using their student ID and their Kamar password. Students are able to research career pathways, complete activities to identify their strengths, values, interests, and skills, set goals, write CV’s and much, much more. Students are also able to see the notes and share them with you from career conversations with either of the schools two qualified Career practitioners; Ms Lila Pulsford or Ms Philippa Leask.

WHERE TO?

Where to? Posters are a valuable resource for seeing where subject areas can lead to. Each of the posters has been well researched by Careers NZ and has icons pertaining to green jobs and jobs in long term skill shortage. This outlook is particularly useful to plan whether studying a degree course is useful for actual employment outcomes in the future.

Career research theory tells us that most students cement their career ideas around 15-16 although some can be as late as in their early twenties. Our recommendation is that students pick a subject because they enjoy it and can see several pathways that they may be interested in rather than focussing on one. The “putting all your eggs in one basket” approach can be quite stressful, if they don’t fulfil all the criteria, or they change their mind. It is also good to look at all the levels of ability so they can see that no matter what level they personally are at that there is a pathway for them.

The Career Centre is open to all students at EGGS, and assists students to develop their lifelong career competencies. Students are encouraged to develop self-awareness as well as opportunity awareness. Our goal is for students to feel hopeful and positive about their future opportunities and we encourage our students to consider wide and diverse career interests know that every career is of value.

Every Year 13 students at EGGS is invited to engage with the Career Centre; all students are welcome to see the careers staff by request.

If you would like to make an appointment to see either Ms Pulsford or Ms Leask, please email cyoung@apps.eggs.school.nz.
## HEALTH AND PHYSICAL EDUCATION

### Levels 1–3
**Certificates**
- Air Force Airman
- Air Force Officer
- Aircraft Loader
- Army Officer
- Army Soldier
- Caretaker
- Carpet Cleaner
- Cleaner
- Clinical Coder
- Dancer
- Dental Assistant
- Dispensing Optician
- Diver
- Firefighter
- Furniture Packer/Mover
- Gardener
- Groundsman
- Hunter/Trapper
- Landscaper
- Nanny/Child-Carer
- Navy Officer
- Navy Sailor
- Nursing Support and Care Worker
- Outdoor Recreation Guide/Instructor
- Parking Warden
- Phlebotomist
- Police Officer
- Professional Sportsperson
- Ranger
- Recreation Co-ordinator
- Rubbish/Recycling Collector
- Security Officer/Guard
- Sports Coach/Official
- Stonemason
- Street/Park Cleaner
- Teacher Aide
- Window Cleaner

### Levels 4–6
**Certificates and diplomas**
- Anaesthetic Technician
- Beauty Therapist
- Biomedical Technician
- Bricklayer
- Community Karitane
- Community Worker
- Correctional Therapist
- Dental Hygienist
- Dental Technician
- Dental Therapist
- Environmental Health Officer
- Medical Laboratory Scientist
- Medical Radiation Technologist
- Midwife
- Massage Therapist
- Medical Laboratory Technician
- Personal Trainer/Fitness Instructor
- Pharmacy Technician
- Roofer
- Sterilising Technician
- Stone Mason
- Youth Worker

### Levels 6–7
**Diplomas and degrees**
- Acupuncturist
- Biochemist
- Biomedical Engineer
- Counsellor
- Dental Hygienist
- Dental Technician
- Dental Therapist
- Environmental Health Officer
- Kaiwhakaako Māori
- Medical Laboratory Scientist
- Medical Radiation Technologist
- Midwife
- Naturopath
- Occupational Therapist
- Osteopath
- Pathologist
- Physiotherapist
- Podiatrist
- Primary School Teacher
- Psychotherapist
- Radiation Therapist
- Registered Nurse
- Secondary School Teacher
- Social Worker
- Speech-Language Therapist

### Levels 8–10
**Postgraduate qualifications**
- Anaesthetist
- Audiologist/Audimetrist
- Cardiac Physiologist
- Chemist
- Dentist
- Diagnostic Radiologist
- Dietitian
- General Practitioner
- Gynaecologist/Obstetrician
- Health Services Manager
- Medical Physicist
- Osteopath
- Pathologist
- Physician
- Psychiatrist
- Psychologist
- Radiation Oncologist
- Surgeon
- Tertiary Lecturer

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WHERE TO? Find out where your school subjects could take you.

Find out more about these jobs at [careers.govt.nz/jobs-database](https://careers.govt.nz/jobs-database) or use our interactive tools to get ideas.

**Subject Matcher**
Get job ideas based on your school subjects.

**CareerQuest**
Take a quiz of your interests and find job ideas.

**Advice line**
Call 0800 222 733 for expert career advice.

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CS1451SET
### Home Economics, Hospitality and Tourism

#### Levels 1–3
**Certificates**
- Barista
- Bartender
- Bus Driver
- Cafe Worker
- Camping Ground Manager
- Canoeaker
- Carpet Cleaner
- Cleaner
- Cook
- Dishwasher
- Delivery Driver
- Demonstrator
- Dispensing Optician
- Driving Instructor
- Flight Attendant
- Food and Beverage Factory Worker
- Hotel Porter
- Kitchen hand
- Laundry Worker/Dry-cleaner
- Matto/drifter
- Meat/Seafood Process Worker
- Nanny/Child Care
- Nursing Support and Care Worker
- Outdoor Recreation Guide/Instructor
- Receptionist
- Recreation Co-ordinator
- Retail Sales Assistant
- Service Station Attendant
- Sports Coach/Official
- Street/Park Cleaner
- Table Games Dealer
- Taxi Driver/Chauffeur
- Tour Guide
- Train Driver
- Travel Agent/Advisor
- Vehicle Groomer/Cleaner
- Water/Wastewater
- Window Cleaner

#### Levels 4–6
**Certificates and diplomas**
- Aeroplane Pilot
- Baker
- Butcher
- Cafe/Restaurant Manager
- Chef
- Dairy Products Maker
- Event Manager
- Flying Instructor
- Health Promoter
- Helicopter Pilot
- Hotel/Motel Manager
- Production Manager
- Retail Manager
- Translator
- Winemaker

#### Levels 6–7
**Diplomas and degrees**
- Biotechnologist
- Brewer
- Chemical Engineer
- Early Childhood Teacher
- Environmental Health Officer
- Food Technologist
- Interpreter
- Kāwha/haka Māori
- Primary School Teacher
- Private Teacher/Tutor
- Secondary School Teacher
- Trainer

#### Levels 8–10
**Postgraduate qualifications**
- Dietitian
- Tertiary Lecturer

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### PROCESSING TECHNOLOGIES

<table>
<thead>
<tr>
<th>Levels 1–3</th>
<th>Certificates</th>
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<tbody>
<tr>
<td>Chemical Production Operator</td>
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<tr>
<td>Clothing Marker/Cutter</td>
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<td>Crane Operator</td>
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<td>Energy and Chemical Plant Operator</td>
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<td>Food and Beverage Factory Worker</td>
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<td>Forklift Operator</td>
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<td>Furniture Finisher</td>
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<td>Glass Processor</td>
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<td>Industrial Spray Painter</td>
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<td>Lighting Technician</td>
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<td>Mill Sorter</td>
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<td>Meat/Seafood Process Worker</td>
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<td>Picture Framer</td>
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<td>Plastic Worker</td>
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<td>Pulp and Paper Mill Operator</td>
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<td>Recycler/Demolisher</td>
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<td>Sewing Machinist</td>
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<td>Textile Process Operator</td>
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<td>Typist Technician</td>
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<td>Welder</td>
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<td>Wood Processing Worker</td>
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<thead>
<tr>
<th>Levels 4–6</th>
<th>Certificates and diplomas</th>
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<tbody>
<tr>
<td>Aircraft Maintenance Engineer</td>
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<td>Automotive Refinisher</td>
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<td>Automotive Technician</td>
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<td>Baker</td>
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<tr>
<td>Biomedical Technician</td>
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<td>Butcher</td>
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<td>Civil Engineering Technician/Draughtsman</td>
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<td>Clothing Designer</td>
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<td>Clothing Pattern Maker</td>
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<td>Coachbuilder/Trimmer</td>
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<td>Collision Repair Technician</td>
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<td>Dairy Products Maker</td>
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<td>Electrical Engineering Technician</td>
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<td>Engineering Machinist</td>
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<td>Fabrication Engineer</td>
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<td>Graphic Pre-press Worker</td>
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<td>Lift Technician</td>
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<td>Line Mechanic</td>
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<td>Marine Engineer</td>
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<td>Mechanical Engineering Technician</td>
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<td>Metal Worker</td>
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<td>Plastics Technician</td>
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<td>Print Finisher</td>
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<td>Printer</td>
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<td>Production Manager</td>
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<td>Refrigeration/Air-conditioning Technician</td>
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<td>Sew Doctor</td>
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<td>Sodden Technician</td>
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<td>Screen Printer</td>
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<td>Telecommunications Engineer</td>
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<td>Telecommunications Technician</td>
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<td>Upholsterer</td>
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<td>Water/Waste Water Treatment Operator</td>
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<tr>
<td>Winemaker</td>
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<td>Wood Machinist</td>
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<table>
<thead>
<tr>
<th>Levels 6–7</th>
<th>Diplomas and degrees</th>
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<tbody>
<tr>
<td>Aeronautical Engineer</td>
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<tr>
<td>Architectural Technician</td>
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<td>Biochemist</td>
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<td>Biomedical Engineer</td>
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<tr>
<td>Biotechnologist</td>
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<td>Boat Builder</td>
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<tr>
<td>Brewer</td>
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<tr>
<td>Business Analyst</td>
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<td>Chemical Engineer</td>
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<td>Civil Engineer</td>
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<td>Electrical Engineer</td>
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<tr>
<td>Electronics Engineer</td>
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<tr>
<td>Environmental Engineer</td>
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<tr>
<td>Food Technologist</td>
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<tr>
<td>Industrial Designer</td>
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<tr>
<td>Kawahikakao Māori</td>
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<tr>
<td>Mechanical Engineer</td>
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<tr>
<td>Medical Laboratory Scientist</td>
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<tr>
<td>Mining Engineer</td>
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<tr>
<td>Secondary School Teacher</td>
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<tr>
<td>Technical Writer</td>
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<thead>
<tr>
<th>Levels 8–10</th>
<th>Postgraduate qualifications</th>
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<tr>
<td>Architect</td>
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<tr>
<td>Chemist</td>
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<tr>
<td>Conservator</td>
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<tr>
<td>Forensic Scientist</td>
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<tr>
<td>Tertiary Lecturer</td>
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</table>

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CONSTRUCTION AND MECHANICAL TECHNOLOGIES

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<th>Levels 1–3 Certificates</th>
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<tbody>
<tr>
<td>Aircraft Loader</td>
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<tr>
<td>Aircraft Refueller</td>
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<tr>
<td>Building and Construction Labourer</td>
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<tr>
<td>Building Insulator</td>
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<tr>
<td>Cartaker</td>
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<tr>
<td>Concrete Worker</td>
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<td>Crane Operator</td>
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<td>Deckhand</td>
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<td>Driller</td>
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<tr>
<td>Earthmoving Machine Operator</td>
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<tr>
<td>Fencer</td>
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<tr>
<td>Forestry and Logging Worker</td>
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<tr>
<td>Forklift Operator</td>
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<tr>
<td>Glass Processor</td>
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<td>Glazier</td>
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<td>Heavy Truck Driver</td>
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<tr>
<td>Industrial Spray Painter</td>
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<tr>
<td>Miner/Quarry Worker</td>
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<tr>
<td>Painter and Decorator</td>
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<tr>
<td>Plasterer</td>
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<tr>
<td>Pulp and Paper Mill Operator</td>
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<tr>
<td>Railcar Shunter</td>
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<tr>
<td>Ranger</td>
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<td>Recycle/Dismantler</td>
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<td>Roadlining Construction Worker</td>
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<td>Roadmarker</td>
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<td>Stevedore</td>
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<td>Tow Truck Operator</td>
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<td>Tran Driver</td>
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<td>Tire Technician</td>
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<tr>
<td>Binder</td>
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<tr>
<td>Cabinet Maker</td>
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<tr>
<td>Carpenter</td>
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<tr>
<td>Civil Engineering Technician/</td>
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<tr>
<td>Draughtsperson</td>
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<tr>
<td>Cashier/Trimmer</td>
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<tr>
<td>Collision Repair Technician</td>
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<tr>
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<tr>
<td>Engineering Machinist</td>
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<tr>
<td>Fabrication Engineer</td>
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<tr>
<td>Floor and Wall Tiler</td>
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<tr>
<td>Floor Covering Installer</td>
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<tr>
<td>Joiner</td>
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<tr>
<td>Lift Technician</td>
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<tr>
<td>Lime Mechanic</td>
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<tr>
<td>Locksmith</td>
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<td>Marine Engineer</td>
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<td>Mine/Quarry Manager</td>
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<td>Plastic Technician</td>
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<td>Plumber, Gasfitter and Drainer</td>
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<td>Print Finisher</td>
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<td>Printer</td>
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<tr>
<td>Quantity Surveyor</td>
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<tr>
<td>Refrigeration/Air-conditioning Technician</td>
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<td>Roofer</td>
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<td>Scaffolder</td>
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<tr>
<td>Stonemason</td>
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<tr>
<td>Survey Technician</td>
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<tr>
<td>Watchmaker and Repairer</td>
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<tr>
<td>Wood Machinist</td>
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<table>
<thead>
<tr>
<th>Levels 6–7 Diplomas and degrees</th>
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<tr>
<td>Boat Builder</td>
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<tr>
<td>Building and Construction Manager</td>
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<tr>
<td>Building Contractor</td>
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<tr>
<td>Building Surveyor</td>
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<td>Chemical Engineer</td>
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<tr>
<td>Civil Engineer</td>
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<td>Electrical Engineer</td>
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<tr>
<td>Industrial Designer</td>
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<tr>
<td>Kayak/Canoe/Boat Designer</td>
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<tr>
<td>Primary School Teacher</td>
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<tr>
<td>Secondary School Teacher</td>
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<tr>
<td>Surveyor</td>
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Tertiary Education Commission
Te Awarua Pūranga Mātauranga

Career Education Pathways 2019
WHERE TO? Find out where your school subjects could take you.

DESIGN AND VISUAL COMMUNICATION

**Levels 1–3**
Certificates
- Artist
- Body Artist
- Clothing Marker/Cutter
- Florist
- Glass Processor
- Lighting Technician
- Make-up Artist
- Painter and Decorator
- Photographer
- Production Assistant (Film Television Radio Stage)
- Teacher Aide
- Visual Merchandiser

**Levels 4–6**
Certificates and diplomas
- Advertising Specialist
- Advertising Sales and Marketing Manager
- Animation/Visual Artist
- Beauty Therapist
- Biomedical Technician
- Cabinet Maker
- Clothing Designer
- Clothing Pattern Maker
- Copywriter
- Disability Therapist
- Editor
- Electronics Trade Worker
- Engineering Machinist
- Exhibition Technician
- Film and Video Editor
- Film/Television Camera Operator
- Game Developer
- Graphic Pre-press Worker
- Hardwre/Barber
- Interior Designer
- Jeweller
- Marketing Specialist
- Media Producer
- Metal Worker
- Plumber, Gaiffitter and Drainlayer
- Print Finisher
- Public Relations Professional
- Screen Printer
- Signmaker
- Stonemason
- Tailor/Dressmaker
- Upholsterer
- User Experience Designer

**Levels 5–8**
Diplomas and degrees
- Architectural Technician
- Art Director (Film Television Stage)
- Artistic Director
- Biomedical Engineer
- Boat Builder
- Building and Construction Manager
- Building Surveyor
- Director (Film Television Radio Stage)
- Early Childhood Teacher
- Geospatial Specialist
- Graphic Designer
- Industrial Designer
- Journalist
- Kaupapa Māori
- Landscape Architect
- Naval Architect/Boat Designer
- Primary School Teacher
- Private Teacher/Tutor
- Secondary School Teacher
- Surveyor
- Technical Writer
- Valuer

**Levels 9–10**
Postgraduate qualifications
- Architect
- Conservator
- Curator
- Tertiary Lecturer

Find out more about these jobs at careers.govt.nz/jobs-database or use our interactive tools to get ideas.
## DIGITAL TECHNOLOGIES

### Levels 1–3
Certificates
- Administration Officer
- Advertising Specialist
- Agriculture Officer
- Air Force Armourer/Armourer
- Air Force Officer
- Army Officer
- Army Soldier
- Bank Worker
- Clinical Coders
- Clothing Marker/Cutter
- Contact Centre Worker
- Data Entry Operator/Transcriptionist
- Dairy Farmer
- Digital Media Designer
- Director
- Draftsperson
- Editor
- Electronics Trades Worker
- Film and Video Editor
- Film/Television Camera Operator
- Game Developer
- Graphic Pre-press Worker
- Information Technology Helpdesk/Support Technician
- Interior Designer
- Joiner
- Librarian
- Locksmith
- Marketing Specialist
- Media Producer
- Network Administrator
- Office Manager
- Painter
- Project Manager
- Public Relations Professional
- Quantity Surveyor
- Radiographer
- Records Adviser
- Refrigeration/Air-conditioning Technician
-8000
- Printer
- Software Developer
- Sound Technician
- Survey Technician
- Systems Administrator
- Telecommunications Engineer
- Telecommunications Technician
- Test Analyst
- User Experience Designer

### Levels 4–6
Certificates and diplomas
- Advertising Specialist
- Animator/Digital Artist
- Biomedical Technician
- Civil Engineering Technician
- Draughtsperson
- Copywriter
- Dairy Farmer
- Editor
- Electronics Trades Worker
- Film and Video Editor
- Film/Television Camera Operator
- Game Developer
- Graphic Pre-press Worker
- Information Technology Helpdesk/Support Technician
- Interior Designer
- Joiner
- Librarian
- Locksmith
- Marketing Specialist
- Media Producer
- Network Administrator
- Office Manager
- Painter
- Project Manager
- Public Relations Professional
- Quantity Surveyor
- Radiographer
- Records Adviser
- Refrigeration/Air-conditioning Technician
-8000
- Printer
- Software Developer
- Sound Technician
- Survey Technician
- Systems Administrator
- Telecommunications Engineer
- Telecommunications Technician
- Test Analyst
- User Experience Designer

### Levels 6–7
Diplomas and degrees
- Agile Scrum Master
- Architectural Technician
- Biomedical Engineer
- Building Surveyor
- Business Analyst
- Civil Engineer
- Data Analyst
- Electronics Engineer
- Geospatial Specialist
- Graphic Designer
- Industrial Designer
- Information Technology Architect
- Information Technology Manager
- Intelligence Officer
- Journalist
- Kāwhai whakarēkā
- Landscape Architect
- Market Research Analyst
- Medical Radiation Technologist
- Naval Architect/Boat Designer
- Penetration Tester
- Primary School Teacher
- Private Teacher/Tutor
- Secondary School Teacher
- Security Analyst
- Security Consultant
- Statistician
- Surveyor
- Technical Writer
- Trainer

### Levels 8–10
Postgraduate qualifications
- Architect
- Archivist
- Tertiary Lecturer

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**Where To?** Find out where your school subjects could take you.

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**WHERE TO?** Find out where your school subjects could take you.

### PHYSICS

<table>
<thead>
<tr>
<th>Levels 1–3</th>
<th>Certificates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Air Force Airman/Airwoman</td>
<td>Aerospace Engineer</td>
</tr>
<tr>
<td>Air Force Officer</td>
<td>Aircraft Maintenance Engineer</td>
</tr>
<tr>
<td>Army Officer</td>
<td>Anaesthetic Technician</td>
</tr>
<tr>
<td>Army Soldier</td>
<td>Biomedical Technician</td>
</tr>
<tr>
<td>Dental Assistant</td>
<td>Civil Engineering Technician/Draughtsperson</td>
</tr>
<tr>
<td>Dispensing Optician</td>
<td>Electrical Engineering Technician</td>
</tr>
<tr>
<td>Diver</td>
<td>Electronics</td>
</tr>
<tr>
<td>Energy and Chemical Plant Operator</td>
<td>Electronics Trades Worker</td>
</tr>
<tr>
<td>Industrial Spray Painter</td>
<td>Engineering Machinist</td>
</tr>
<tr>
<td>Lightning Technician</td>
<td>Fabrication Engineer</td>
</tr>
<tr>
<td>Navy Officer</td>
<td>Film/Television Camera Operator</td>
</tr>
<tr>
<td>Navy Sailor</td>
<td>Game Developer</td>
</tr>
<tr>
<td>Photobooth</td>
<td>Helicopter Pilot</td>
</tr>
<tr>
<td>Technician</td>
<td>Information Technology Helpdesk/Support Technician</td>
</tr>
<tr>
<td>Technician</td>
<td>Interior Designer</td>
</tr>
<tr>
<td>Lift Technician</td>
<td>Marine Engineer</td>
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<tr>
<td>Marine Engineer</td>
<td>Mechanical Engineering Technician</td>
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<td>Mechanical Engineering Technician</td>
<td>Medical Laboratory Technician</td>
</tr>
<tr>
<td>Metal Worker</td>
<td>Network Administrator</td>
</tr>
<tr>
<td>Network Administrator</td>
<td>Plumber, Gasfitter and Drainlayer</td>
</tr>
<tr>
<td>Plumbing, Gasfitter and Drainlayer</td>
<td>Refrigeration/Air-conditioning Technician</td>
</tr>
<tr>
<td>Saw Doctor</td>
<td>Science Technician</td>
</tr>
<tr>
<td>Science Technician</td>
<td>Ship’s Master</td>
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<td>Ship’s Master</td>
<td>Ship’s Officer</td>
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<td>Ship’s Officer</td>
<td>Software Developer</td>
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<td>Software Developer</td>
<td>Sound Technician</td>
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<tr>
<td>Sound Technician</td>
<td>Survey Technician</td>
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<td>Survey Technician</td>
<td>System Administrator</td>
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<tr>
<td>Telecommunications Engineer</td>
<td>Telecommunications Technician</td>
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<tr>
<td>Telecommunications Technician</td>
<td>Test Analyst</td>
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<tr>
<td>Test Analyst</td>
<td>Watchmaker and Repairer</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Levels 4–6</th>
<th>Certificates and diplomas</th>
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</thead>
<tbody>
<tr>
<td>Aeroplane Pilot</td>
<td>Aeronautical Engineer</td>
</tr>
<tr>
<td>Aircraft Maintenance Engineer</td>
<td>Agricultural Horticultural Consultant</td>
</tr>
<tr>
<td>Anaesthetic Technician</td>
<td>Architectural Technician</td>
</tr>
<tr>
<td>Biomedical Technician</td>
<td>Biochemist</td>
</tr>
<tr>
<td>Civil Engineering Technician/Draughtsperson</td>
<td>Biomedical Engineer</td>
</tr>
<tr>
<td>Electrical Engineering Technician</td>
<td>Biotechnologist</td>
</tr>
<tr>
<td>Electronics</td>
<td>Boat Builder</td>
</tr>
<tr>
<td>Electronics Trades Worker</td>
<td>Building Surveyor</td>
</tr>
<tr>
<td>Engineering Machinist</td>
<td>Chemical Engineer</td>
</tr>
<tr>
<td>Fabrication Engineer</td>
<td>Civil Engineer</td>
</tr>
<tr>
<td>Film/Television Camera Operator</td>
<td>Dental Hygienist</td>
</tr>
<tr>
<td>Game Developer</td>
<td>Dental Therapist</td>
</tr>
<tr>
<td>Helicopter Pilot</td>
<td>Dental Engineer</td>
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<tr>
<td>Information Technology Helpdesk/Support Technician</td>
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<tr>
<td>Interior Designer</td>
<td>Diagnostic Radiologist</td>
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<tr>
<td>Lift Technician</td>
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<tr>
<td>Marine Engineer</td>
<td>Environmental Health Officer</td>
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<tr>
<td>Mechanical Engineering Technician</td>
<td>Food Technologist</td>
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<tr>
<td>Medical Laboratory Technician</td>
<td>Geospatial Specialist</td>
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<tr>
<td>Metal Worker</td>
<td>Kaikoura Harbour Master</td>
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<tr>
<td>Network Administrator</td>
<td>Landscape Architect</td>
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<tr>
<td>Plumbing, Gasfitter and Drainlayer</td>
<td>Mechanical Engineer</td>
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<td>Saw Doctor</td>
<td>Medical Laboratory Scientist</td>
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<tr>
<td>Science Technician</td>
<td>Medical Radiation Technologist</td>
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<tr>
<td>Ship’s Master</td>
<td>Meteorologist</td>
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<tr>
<td>Ship’s Officer</td>
<td>Microbiologist</td>
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<tr>
<td>Software Developer</td>
<td>Mining Engineer</td>
</tr>
<tr>
<td>Sound Technician</td>
<td>Naval Architect/Boat Designer</td>
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<tr>
<td>Survey Technician</td>
<td>Optometrist</td>
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<tr>
<td>System Administrator</td>
<td>Pharmacist</td>
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<td>Physiotherapist</td>
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<tr>
<td>Telecommunications Technician</td>
<td>Primary School Teacher</td>
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<tr>
<td>Test Analyst</td>
<td>Radiation Therapist</td>
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<tr>
<td>Watchmaker and Repairer</td>
<td>Registered Nurse</td>
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<td>Surveyor</td>
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<tr>
<td></td>
<td>Veterinarian</td>
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<table>
<thead>
<tr>
<th>Levels 6–7</th>
<th>Diplomas and degrees</th>
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<tr>
<td>Aeroplane Pilot</td>
<td>Aeronautical Engineer</td>
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<tr>
<td>Aircraft Maintenance Engineer</td>
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<tr>
<td>Anaesthetic Technician</td>
<td>Architectural Technician</td>
</tr>
<tr>
<td>Biomedical Technician</td>
<td>Biochemist</td>
</tr>
<tr>
<td>Civil Engineering Technician/Draughtsperson</td>
<td>Biomedical Engineer</td>
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<tr>
<td>Electrical Engineering Technician</td>
<td>Biotechnologist</td>
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<tr>
<td>Electronics</td>
<td>Boat Builder</td>
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<tr>
<td>Electronics Trades Worker</td>
<td>Building Surveyor</td>
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<tr>
<td>Engineering Machinist</td>
<td>Chemical Engineer</td>
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<td>Fabrication Engineer</td>
<td>Civil Engineer</td>
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<tr>
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<td>Dental Hygienist</td>
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<td>Game Developer</td>
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<tr>
<td>Helicopter Pilot</td>
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<tr>
<td>Information Technology Helpdesk/Support Technician</td>
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<td>Interior Designer</td>
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<td>Lift Technician</td>
<td>Environmental Engineer</td>
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<tr>
<td>Marine Engineer</td>
<td>Environmental Health Officer</td>
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<tr>
<td>Mechanical Engineering Technician</td>
<td>Food Technologist</td>
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<tr>
<td>Medical Laboratory Technician</td>
<td>Geospatial Specialist</td>
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<tr>
<td>Metal Worker</td>
<td>Kaikoura Harbour Master</td>
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<tr>
<td>Network Administrator</td>
<td>Landscape Architect</td>
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<tr>
<td>Plumbing, Gasfitter and Drainlayer</td>
<td>Mechanical Engineer</td>
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<td>Saw Doctor</td>
<td>Medical Laboratory Scientist</td>
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<td>Science Technician</td>
<td>Medical Radiation Technologist</td>
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<td>Meteorologist</td>
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<tr>
<td>Ship’s Officer</td>
<td>Microbiologist</td>
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<tr>
<td>Software Developer</td>
<td>Mining Engineer</td>
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<td>Telecommunications Technician</td>
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<td>Watchmaker and Repairer</td>
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<td>Surveyor</td>
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<table>
<thead>
<tr>
<th>Levels 8–10</th>
<th>Postgraduate qualifications</th>
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<tbody>
<tr>
<td>Anaesthetist</td>
<td>Architect</td>
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<tr>
<td>Architect</td>
<td>Audiology/Audiometrist</td>
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<tr>
<td>Cardiac Physiologist</td>
<td>Chemist</td>
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<td>Chemist</td>
<td>Chiropractor</td>
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<td>Forestry Scientist</td>
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<td>General Practitioner</td>
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<td>Geophysicist</td>
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<td>Geophysicist</td>
<td>Gynaecologist/Obstetrician</td>
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<tr>
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<td>Marine Biologist</td>
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<td>Medical Physicist</td>
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<td>Obstetrician</td>
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<td>Pathologist</td>
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<td>Physician</td>
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<td>Physician</td>
<td>Psychiatrist</td>
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<tr>
<td>Psychiatrist</td>
<td>Radiation Oncologist</td>
</tr>
<tr>
<td>Radiation Oncologist</td>
<td>Surgeon</td>
</tr>
<tr>
<td>Surgeon</td>
<td>Tertiary Lecturer</td>
</tr>
</tbody>
</table>

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Tertiary Education Commission
Tr Amirengi, Midmaranga Mēteore

CSHE029T

12 Career Education Pathways 2019
WHERE TO? Find out where your school subjects could take you.

BIOLOGY

Levels 1–3
Certificates
- Animal Care Attendant
- Beekeeper
- Clinical Coder
- Dental Assistant
- Dispensing Optician
- Dog Trainer
- Farm Worker
- Fishery Officer
- Funeral Director/Embalmer
- Gardener
- Horse Trainer
- Landscape
- Nursery Grower/Worker
- Nursing Support and Care Worker
- Pest Control Technician
- Pet Groomer
- Phlebotomist
- Professional Sportsperson
- Ranger
- Sports Coach/Official

Levels 4–6
Certificates and diplomas
- Agricultural Field Representative
- Anatomy Technician
- Animator/Digital Artist
- Aquaculture Farmer
- Arborist
- Beauty Therapist
- Biomedical Technician
- Butcher
- Community Kantare
- Crop Farmer/Crop Manager
- Dairy Farmer
- Farm Worker/Farm Manager
- Fishing Skipper
- Health Promoter
- Massage Therapist
- Medical Laboratory Technician
- Personal Trainer/Fitness Instructor
- Pharmacy Technician
- Quarantine Officer
- Science Technician
- Skydive Technician
- Veterinary Nurse
- Water/Waste Water Treatment Operator
- Zookeeper

Levels 6–7
Diplomas and degrees
- Acupuncturist
- Agricultural Technican
- Agriculture/Horticultural Consultant
- Biochemist
- Biomedical Engineer
- Biotechnology
- Brewer
- Dental Hygienist
- Dental Technician
- Dental Therapist
- Environmental Health Officer
- Food Technologist
- Forensic Manager
- Kaupapa Māori
- Medical Laboratory Scientist
- Microbiologist
- Midwife
- Naturopath
- Occupational Therapist
- Ophthalmic
- Paramedic
- Pharmacist
- Physiotherapist
- Podiatrist
- Radiation Therapist
- Registered Nurse
- Secondary School Teacher
- Speech-Language Therapist
- Urban/Regional Planner
- Veterinarian
- Zoologist

Levels 8–10
Postgraduate qualifications
- Agricultural/Horticultural Scientist
- Anaesthetist
- Audiologist/Audiometrist
- Cardiac Physiologist
- Chemist
- Chiropractor
- Dentist
- Diagnostic Radiologist
- Dietitian
- Environmental Scientist
- Forensic Scientist
- Forestry Scientist
- General Practitioner
- Geophysicist
- Gynaecologist/Obstetrician
- Marine Biologist
- Medical Physicist
- Osteopath
- Physiotherapist
- Phycologist
- Radiation Oncologist
- Surgeon
- Tertiary Lecturer

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Image courtesy of Chris Williams/NZ Story
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CHEMISTRY

Levels 1–3
Certificates
Chemical Production Operator
Clinical Coder
Dental Assistant
Energy and Chemical Plant Operator
Firefighter
Funeral Director/Embalmer
Pest Control Technician
Phlebotomist
Plastics Worker
Pulp and Paper Mill Operator

Levels 4–6
Certificates and diplomas
Anaesthetic Technician
Aeronautical Engineer
Agricultural Technician
Agricultural/Horticultural Consultant
Biochemist
Biomedical Engineer
Biotechnology Officer
Biotechnology Technician
Brewer
Chemical Engineer
Civil Engineer
Dental Hygienist
Dental Technician
Dentist
Dental Therapist
Energy Auditor
Environmental Engineer
Environmental Health Officer
Food Technologist
Kiwihakasiao Milan
Medical Laboratory Scientist
Meteorologist
Microbiologist
Midwife
Mining Engineer
Nursing
Occupational Therapist
Optometrist
Paramedic
Pharmacist
Physiotherapist
Podiatrist
Primary School Teacher
Registered Nurse
Secondary School Teacher
Speech-Language Therapist
Veterinarian
Zoologist

Levels 6–7
Diplomas and degrees
Acupuncturist
Aerospace Engineer
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Agricultural/Horticultural Consultant
Biochemist
Biomedical Engineer
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Dentist
Dental Therapist
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Veterinarian
Zoologist

Levels 8–10
Postgraduate qualifications
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Anaesthetist
Cardiac Physiologist
Chemist
Chiropractor
Conservator
Dentist
Diagnostic Radiologist
Dietitian
Environmental Scientist
Forensic Scientist
Forestry Scientist
General Practitioner
Geologist
Geophysicist
Gynaecologist/Obstetrician
Marine Biologist
Medical Physiologist
Naturopath
Pathologist
Physician
Psychiatrist
 Radiation Oncologist
Surgeon
Tertiary Lecturer

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Tertiary Education Commission
Te Arohanui, Mahina-punga Metua

CSMEDSET
WHERE TO? Find out where your school subjects could take you.

AGRICULTURE AND HORTICULTURE

Levels 1–3
Certificates
- Animal Care Attendant
- Beekeeper
- Caretaker
- Crop Farm Worker
- Deckhand
- Diver
- Dog Trainer
- Farm Worker
- Fencer
- Fishery Officer
- Florist
- Forestry and Logging Worker
- Gardener
- Groundperson
- Horse Trainer
- Hunter/Trapper
- Landscaper
- Meat/Seafood Process Worker
- Nursery Grower/Worker
- Packhouse Worker
- Pest Control Technician
- Pet Groomer
- Pulp and Paper Mill Operator
- Ranger
- Shearer
- Wood Processing Worker

Levels 4–6
Certificates and diplomas
- Aeroplane Pilot
- Agricultural Field Representative
- Aquaculture Farmer
- Arborist
- Auctioneer
- Crop Farmer/Crop Manager
- Dairy Farmer
- Dairy Products Maker
- Farmer/Farm Manager
- Fishing Skipper
- Helicopter Pilot
- Importer/Exporter
- Quarantine Officer
- Saw Doctor
- Science Technician
- Veterinary Nurse
- Winemaker
- Wool Classer

Levels 6–7
Diplomas and degrees
- Agricultural Technician
- Agricultural/Forestry Consultant
- Biochemist
- Biosecurity Officer
- Biotechnologist
- Environmental Engineer
- Food Technologist
- Forest Manager
- Kaikōhaiskako Māori
- Landscape Architect
- Microbiologist
- Secondary School Teacher
- Valuer
- Veterinary
- Zoologist

Levels 8–10
Postgraduate qualifications
- Agricultural/Forestry Scientist
- Environmental Scientist
- Forestry Scientist
- Geologist
- Geophysicist
- Marine Biologist
- Tertiary Lecturer

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Tertiary Education Commission
Te Awhangai Māramatanga Naua
WHERE TO? Find out where your school subjects could take you.

ACCOUNTING, BUSINESS STUDIES AND ECONOMICS

<table>
<thead>
<tr>
<th>Levels 1–3</th>
<th>Certificates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accountant Officer</td>
<td>Administration Officer</td>
</tr>
<tr>
<td>Bank Worker</td>
<td>Contact Centre Worker</td>
</tr>
<tr>
<td>Customs/Freight Broker</td>
<td>Debt Collector</td>
</tr>
<tr>
<td>Data Entry Operator/Transcriptionist</td>
<td>Delivery Driver</td>
</tr>
<tr>
<td>Elected Government Representative</td>
<td>Florist</td>
</tr>
<tr>
<td>Motor Vehicle Salesperson</td>
<td>Payroll Officer</td>
</tr>
<tr>
<td>Personal Assistant</td>
<td>Real Estate Agent</td>
</tr>
<tr>
<td>Receptionist</td>
<td>Recreation Co-ordinator</td>
</tr>
<tr>
<td>Retail Sales Assistant</td>
<td>Sales Representative</td>
</tr>
<tr>
<td>Secretary</td>
<td>Visual Merchandiser</td>
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</table>

<table>
<thead>
<tr>
<th>Levels 4–6</th>
<th>Certificates and diplomas</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advertising Specialist</td>
<td>Advertising, Sales and Marketing Manager</td>
</tr>
<tr>
<td>Agricultural Field Representative</td>
<td>Auctioneer</td>
</tr>
<tr>
<td>Buyer</td>
<td>Cafe/Restaurant Manager</td>
</tr>
<tr>
<td>Crop Farm/Crop Manager</td>
<td>Event Manager</td>
</tr>
<tr>
<td>Farmer/Farm Manager</td>
<td>Financial Adviser</td>
</tr>
<tr>
<td>Financial Dealer</td>
<td>Hotel/Motel Manager</td>
</tr>
<tr>
<td>Human Resources Adviser</td>
<td>Importer/Exporter</td>
</tr>
<tr>
<td>Insurance Agent</td>
<td>Insurance Claims Officer</td>
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<td>Insurance Claims Officer</td>
<td>Insurance Loss Adjuster</td>
</tr>
<tr>
<td>Marketing Specialist</td>
<td>Mortgage Broker</td>
</tr>
<tr>
<td>Office Manager</td>
<td>Production Manager</td>
</tr>
<tr>
<td>Project Manager</td>
<td>Property Manager</td>
</tr>
<tr>
<td>Public Relations Professional</td>
<td>Purchasing/Supply Officer</td>
</tr>
<tr>
<td>Quantity Surveyor</td>
<td>Records Adviser</td>
</tr>
<tr>
<td>Recruitment Consultant</td>
<td>Retail Manager</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Levels 6–7</th>
<th>Diplomas and degrees</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accountant</td>
<td>Agricultural/Horticultural Consultant</td>
</tr>
<tr>
<td>Auditor</td>
<td>Building Contractor</td>
</tr>
<tr>
<td>Business Analyst</td>
<td>Energy Auditor</td>
</tr>
<tr>
<td>Forest Manager</td>
<td>Kāiwhakairo Māori</td>
</tr>
<tr>
<td>Management Consultant</td>
<td>Managing Director/Chief Executive</td>
</tr>
<tr>
<td>Market Research Analyst</td>
<td>Policy Analyst</td>
</tr>
<tr>
<td>Secondary School Teacher</td>
<td>Statistician</td>
</tr>
<tr>
<td>Trainer</td>
<td>Urban/Regional Planner</td>
</tr>
<tr>
<td>Valuer</td>
<td>Workplace Relations Adviser</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Levels 8–10</th>
<th>Postgraduate qualifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Actuary</td>
<td>Economist</td>
</tr>
<tr>
<td>Finance Manager</td>
<td>Foreign-Policy Officer</td>
</tr>
<tr>
<td>Health Services Manager</td>
<td>Tertiary Lecturer</td>
</tr>
</tbody>
</table>

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CLASSICAL STUDIES, HISTORY AND HISTORY OF ART

**Levels 1–3**
Certificates
- Actor
- Administration Officer
- Artist
- Bus Driver
- Case Manager
- Court/Legal Clerk
- Data Entry Operator/Transcriptionist
- Elected Government Representative
- Entertainer
- Immigration Officer
- Library Assistant
- Minister of Religion
- Production Assistant (Film Television Radio Stage)
- Radio Presenter
- Survey Interviewer
- Teacher Aide
- Television Presenter
- Tour Guide

**Levels 4–6**
Certificates and diplomas
- Advertising Specialist
- Aeroplane Pilot
- Anaesthetic Technician
- Clothing Designer
- Community Worker
- Copywriter
- Editor
- Emergency Management Officer
- Exhibition Technician
- Film and Video Editor
- Interior Designer
- Legal Executive
- Librarian
- Media Producer
- Public Relations Professional
- Records Adviser
- Translator

**Levels 6–7**
Diplomas and degrees
- Art Director (Film Television Stage)
- Artistic Director
- Barrister
- Career Consultant
- Counsellor
- Director (Film Television Radio Stage)
- Graphics Designer
- Historian
- Intelligence Officer
- Interpreter
- Journalist
- Kawanatanga Māori
- Landscape Architect
- Market Research Analyst
- Policy Analyst
- Primary School Teacher
- Private Teacher/Tutor
- Radiation Therapist
- Secondary School Teacher
- Solicitor
- Speech-Language Therapist
- Teacher of English to Speakers of Other Languages (ESOL)
- Technical Writer
- Valuer
- Workplace Relations Adviser

**Levels 8–10**
Postgraduate qualifications
- Architect
- Archaeologist
- Conservator
- Curator
- Economist
- Foreign Policy Officer
- Judge
- Tertiary Lecturer

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Image courtesy of Sara Orme/NZ Story
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GEOGRAPHY, MEDIA AND SOCIAL STUDIES

Levels 1–3
Certificates
- Actor
- Air Force Airman/Airwoman
- Air Force Officer
- Army Officer
- Army Soldier
- Bus Driver
- Case Manager
- Corrections Officer
- Counter/Postal
- Court/Legal Clerk
- Elected Government Representative
- Entertainer
- Flight Attendant
- Funeral Director/Embalmers
- Immigration Officer
- Library Assistant
- Musician
- Navy Officer
- Navy Sailor
- Outdoor Recreation Guide/Instructor
- Police Officer
- Probation Officer
- Production Assistant (Film Television Radio Stage)
- Radio Presenter
- Ranger
- Television Presenter
- Tour Guide
- Train Controller
- Travel Agent/Advisor

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Levels 4–6
Certificates and diplomas
- Advertising Specialist
- Advertising, Sales and Marketing Manager
- Aerial Pilot
- Community Worker
- Copywriter
- Editor
- Emergency Management Officer
- Film and Video Editor
- Film Television Camera Operator
- Fishing Skipper
- Health Promoter
- Helicopter Pilot
- Importer/Exporter
- Librarian
- Marketing Specialist
- Media Producer
- Public Relations Professional
- Records Adviser
- Skip's Master
- Ship's Officer
- Sound Technician
- Survey Technician
- Translator
- Youth Worker

Levels 6–7
Diplomas and degrees
- Art Director (Film Television Stage)
- Artist Director
- Barrister
- Career Consultant
- Counsellor
- Director (Film Television Radio Stage)
- Early Childhood Teacher
- Environmental Engineer
- Geospatial Specialist
- Historian
- Intelligence Officer
- Interpreter
- Journalist
- Kaiwhakaako Māori
- Landscape Architect
- Meteorologist
- Mining Engineer
- Paramedic
- Policy Analyst
- Primary School Teacher
- Private Teacher/Tutor
- Psychotherapist
- Radiation Therapist
- Secondary School Teacher
- Social Worker
- Solicitor
- Surveyor
- Teacher of English to Speakers of Other Languages (ESOL)
- Technical writer
- Trainer
- Urban/Regional Planner
- Zoologist

Levels 8–10
Postgraduate qualifications
- Architect
- Archaeologist
- Econometrist
- Environmental Scientist
- Geologist
- Geophysicist
- Judge
- Psychologist
- Tertiary Lecturer

CSHE11SET
### Levels 1–3
**Certificates**
- Actor
- Administration Officer
- Author
- Case Manager
- Clinical Coder
- Court/Legal Clerk
- Elected Government Representative
- Fratery Officer
- Flight Attendant
- Health and Safety Inspector
- Immigration Officer
- Library Assistant
- Mail Sorter
- Personal Assistant
- Police Officer
- Probation Officer
- Production Assistant (Film Television Radio Stage)
- Radio Presenter
- Recreation Co-ordinator
- Secretary
- Survey Interviewer
- Teacher Aide
- Television Presenter

### Levels 4–6
**Certificates and diplomas**
- Advertising Specialist
- Advertising, Sales and Marketing Manager
- Aerospace Pilot
- Agricultural Field Representative
- Air Traffic Controller
- Aircraft Maintenance Engineer
- Copywriter
- Editor
- Emergency Management Officer
- Event Manager
- Film and Video Editor
- Film/Television Camera Operator
- Financial Adviser
- Graphic Pre-press Worker
- Health Promoter
- Helicopter Pilot
- Human Resources Adviser
- Importer/Exporter
- Insurance Claims Officer
- Insurance Loss Adjuster
- Legal Executive
- Librarian
- Marketing Specialist
- Media Producer
- Network Administrator
- Office Manager
- Production Manager
- Project Manager
- Property Manager
- Public Relations Professional
- Records Adviser
- Recruitment Consultant
- Signmaker
- Software Developer
- Telecommunications Engineer
- Test Analyst
- Translator
- Youth Worker

### Levels 6–7
**Diplomas and degrees**
- Artistic Director
- Barrister
- Building Surveyor
- Civil Engineer
- Director (Film Television Radio Stage)
- Environmental Engineer
- Historian
- Intelligence Officer
- Interpreter
- Journalist
- Kaiwhakaako Māori
- Market Research Analyst
- Meteorologist
- Naturopath
- Naval Architect/Boat Designer
- Occupational Therapist
- Primary School Teacher
- Private Teacher/Tutor
- Radiation Therapist
- Registered Nurse
- Secondary School Teacher
- Social Worker
- Solicitor
- Speech-Language Therapist
- Statistician
- Teacher of English to Speakers of Other Languages (ESOL)
- Technical Writer

### Levels 8–10
**Postgraduate qualifications**
- Actuary
- Agricultural/Horticultural Scientist
- Archaeologist
- Chemist
- Conservator
- Curator
- Dentist
- Economist
- Financial Manager
- Foreign Policy Officer
- Geologist
- Geophysicist
- Gynaecologist/Obstetrician
- Judge
- Marine Biologist
- Psychologist
- Radiation Oncologist
- Tertiary Lecturer
- Tertiary Lecturer

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WHERE TO? Find out where your school subjects could take you.

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ENGLISH
WHERE TO? Find out where your school subjects could take you.

TE REO MāORI

Levels 1–3
Certificates
- Actor
- Artist
- Author
- Body Artist
- Bus Driver
- Case Manager
- Corrections Officer
- Court/Legal Clerk
- Customs Officer
- Dancer
- Elected Government Representative
- Entertainer
- Firefighter
- Flight Officer
- Flight Attendant
- Funeral Director/Embalsmer
- Library Assistant
- Minister of Religion
- Musician
- Nanny/Child Carer
- Outdoor Recreation Guide/Instructor
- Photographic
- Police Officer
- Probation Officer
- Production Assistant (Film Television Radio Stage)
- Professional Sportsperson
- Radio Presenter
- Ranger
- Recreation Co-ordinator
- Survey Interviewer
- Teacher Aide
- Television Presenter
- Tour Guide
- Travel Agent/Advisor

Levels 4–6
Certificates and diplomas
- Advertising Specialist
- Advertising, Sales and Marketing Manager
- Anaesthetic Technician
- Animator/Digital Artist
- Clothing Designer
- Community Health Worker
- Community Worker
- Copywriter
- Dental Therapist
- Editor
- Film and Video Editor
- Health Promoter
- Hotel/Motel Manager
- Human Resources Adviser
- Legal Executive
- Librarian
- Marketing Specialist
- Media Producer
- Medical Laboratory Technician
- Personal Trainer/Fitness Instructor
- Pharmacy Technician
- Public Relations Professional
- Recruitment Consultant
- Translator
- Youth Worker

Levels 6–7
Diplomas and degrees
- Artistic Director
- Barrister
- Career Consultant
- Counselor
- Director (Film Television Radio Stage)
- Early Childhood Teacher
- Environmental Engineer
- Environmental Health Officer
- Graphic Designer
- Historian
- Interpreter
- Journalist
- Kāwhaiao Māori
- Managing Director/Chief Executive
- Market Research Analyst
- Midwife
- Māori Pathway
- Occupational Therapist
- Paramedic
- Pharmacist
- Physiotherapist
- Policy Analyst
- Primary School Teacher
- Private Teacher/Tutor
- Psychologist
- Radiation Therapist
- Registered Nurse
- Secondary School Teacher
- Social Worker
- Solicitor
- Speech-Language Therapist
- Statistician
- Surveyor
- Technical Writer
- Trainer
- Urban/Regional Planner
- Workplace Relations Adviser

Levels 8–10
Postgraduate qualifications
- Anaesthetist
- Archivist
- Audiologist/Audiometrist
- Cardiac Physiologist
- Chiropractor
- Conservator
- Curator
- Diagnostic Radiologist
- Dietitian
- Environmental Scientist
- Foreign Policy Officer
- General Practitioner
- Geologist
- Geotechnologist/Geotechnician
- Health Services Manager
- Judge
- Marine Biologist
- Physician
- Psychologist
- Psychologist
- Radiation Oncologist
- Surgeon
- Tertiary Lecturer

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**LANGUAGES**

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<th>Levels 1–3</th>
<th>Levels 4–6</th>
<th>Levels 6–7</th>
<th>Levels 8–10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Certificates</td>
<td>Certificates and diplomas</td>
<td>Diplomas and degrees</td>
<td>Postgraduate qualifications</td>
</tr>
<tr>
<td>Actor</td>
<td>Community Karitane</td>
<td>Acupuncturist</td>
<td>Archivist</td>
</tr>
<tr>
<td>Author</td>
<td>Community Worker</td>
<td>Career Consultant</td>
<td>Audiolinguist/Audiometrist</td>
</tr>
<tr>
<td>Bus Driver</td>
<td>Diversional Therapist</td>
<td>Counsellor</td>
<td>Conservator</td>
</tr>
<tr>
<td>Camping Ground Manager</td>
<td>Editor</td>
<td>Early Childhood Teacher</td>
<td>Curator</td>
</tr>
<tr>
<td>Case Manager</td>
<td>Health Promoter</td>
<td>Historians</td>
<td>Dietitian</td>
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<tr>
<td>Contact Centre Worker</td>
<td>Hotel/Motel Manager</td>
<td>Intelligence Officer</td>
<td>Foreign Policy Officer</td>
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<tr>
<td>Corrections Officer</td>
<td>Importer/Exporter</td>
<td>Interpreter</td>
<td>General Practitioner</td>
</tr>
<tr>
<td>Customs Officer</td>
<td>Librarian</td>
<td>Journalist</td>
<td>Gyneacologist/Obstetrician</td>
</tr>
<tr>
<td>Customs/Freight Broker</td>
<td>Media Producer</td>
<td>Kaufraukorfi/Miðmi</td>
<td>Health Services Manager</td>
</tr>
<tr>
<td>Data Entry Operator/Transcriptionist</td>
<td>Translator</td>
<td>Kaiwhakako Māori</td>
<td>Judge</td>
</tr>
<tr>
<td>Electd Government Representative</td>
<td>Youth Worker</td>
<td>Policy Analyst</td>
<td>Physician</td>
</tr>
<tr>
<td>Entertainer</td>
<td>Flight Attendant</td>
<td>Primary School Teacher</td>
<td>Psychiatric Nurse</td>
</tr>
<tr>
<td>Fishery Officer</td>
<td>Hotel Porter</td>
<td>Private Teacher/Tutor</td>
<td>Psychiatrist</td>
</tr>
<tr>
<td>Immigration Officer</td>
<td>Interpreter</td>
<td>Radiation Therapist</td>
<td>Psychologist</td>
</tr>
<tr>
<td>Library Assistant</td>
<td>Journalist</td>
<td>Registered Nurse</td>
<td>Psychologist</td>
</tr>
<tr>
<td>Māori (Māori)</td>
<td>Kaiwhakako Māori</td>
<td>Secondary School Teacher</td>
<td>Tertiary Lecturer</td>
</tr>
<tr>
<td>Minister of Religion</td>
<td>Policy Analyst</td>
<td>Social Worker</td>
<td>Tertiary Lecturer</td>
</tr>
<tr>
<td>Musician</td>
<td>Primary School Teacher</td>
<td>Speech-Language Therapist</td>
<td>Tertiary Lecturer</td>
</tr>
<tr>
<td>Nanny/Child Carer</td>
<td>Private Teacher/Tutor</td>
<td>Teacher of English to Speakers of Other Languages (ESOL)</td>
<td>Tertiary Lecturer</td>
</tr>
<tr>
<td>Nursing Support and Care Worker</td>
<td>Radiation Therapist</td>
<td>Technical Writer</td>
<td>Tertiary Lecturer</td>
</tr>
<tr>
<td>Outdoor Recreation Guide/Instructor</td>
<td>Registered Nurse</td>
<td>Trainer</td>
<td>Tertiary Lecturer</td>
</tr>
<tr>
<td>Police Officer</td>
<td>Social Worker</td>
<td>Workplace Relations Adviser</td>
<td>Tertiary Lecturer</td>
</tr>
<tr>
<td>Radio Presenter</td>
<td>Speech-Language Therapist</td>
<td></td>
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</tr>
<tr>
<td>Recreation Co-ordinator</td>
<td>Teacher of English to Speakers of Other Languages (ESOL)</td>
<td></td>
<td></td>
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<tr>
<td>Survey Interviewer</td>
<td>Technical Writer</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Table Games Dealer</td>
<td>Trainer</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Teacher Aide</td>
<td>Vended</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Television Presenter</td>
<td>Travel Agent/Adviser</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tour Guide</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Travel Agent/Adviser</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
WHERE TO? Find out where your school subjects could take you.

DANCE, DRAMA AND MUSIC STUDIES

Levels 1–3
Certificates
Actor
Artist
Body Artist
Clothing Marker/Cutter
Court/Legal Clerk
Dancer
Demonstrator
Elected Government Representative
Entertainer
Firefighter
Lighting Technician
Make-up Artist
Minister of Religion
Model
Musician
Outdoor Recreation Guide/Instructor
Photographer
Production Assistant (Film Television Radio Stage)
Professional Sportsperson
Radio Presenter
Recreation Co-ordinator
Sales Representative
Teacher Aide
Television Presenter
Tour Guide

Levels 4–6
Certificates and diplomas
Advertising Specialist
Advertising, Sales and Marketing Manager
Auctioneer
Clothing Designer
Copywriter
Dramatherapist
Event Manager
Exhibition Technician
Film and Video Editor
Film/Television Camera Operator
Hairdresser/Baker
Interior Designer
Massage Therapist
Media Producer
Personal Trainer/Fitness Instructor
Public Relations/Professional Sound Technician
Youth Worker
Zookeeper

Levels 6–7
Diplomas and degrees
Art Director (Film Television Stage)
Artistic Director
Barrister
Director (Film Television Radio Stage)
Early Childhood Teacher
Historian
Journalist
Kaweikako Māori
Primary School Teacher
Private Teacher/Tutor
Secondary School Teacher
Teacher of English to Speakers of Other Languages (ESOL)
Trainer
Urban/Regional Planner
Workplace Relations Adviser

Levels 8–10
Postgraduate qualifications
Curator
Dietitian
Economist
Tertiary Lecturer

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Tertiary Education Commission
Te Auteaanga Meawhanga Māori

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### MATHEMATICS

#### Levels 1–3
**Certificates**
- Accounts Officer
- Administration Officer
- Bank Worker
- Banker
- Bankster
- Building Insulator
- Cafe Worker
- Chemical Production Operator
- Clothing Maker/Cutter
- Customs/Freight Broker
- Debt Collector
- Energy and Chemical Plant Operator
- Glazer
- Payroll Officer
- Phlebotomist
- Police Officer
- Secretary
- Table Games Dealer
- Welder

#### Levels 4–6
**Certificates and diplomas**
- Advertising, Sales and Marketing Manager
- Aeronautical Engineer
- Aerospace Engineer
- Automotive Electrician
- Agricultural Engineer
- Assistant Chef
- Assistant Restaurant Manager
- Carpenter
- Civil Engineering Technician
- Clothing Pattern Maker
- Electrical Engineering Technician
- Engineer
- Engineering Machinist
- Fabrication Engineer
- Financial Adviser
- Financial Dealer
- Floor and Wall Tiler
- Floor Covering Installer
- Helicopter Pilot
- Insurance Agent
- Joiner
- Marine Engineer
- Mechanical Engineering Technician
- Mortgage Broker
- Pharmacy Technician
- Purchasing Supply Officer
- Quality Surveyor
- Refrigeration/Air-conditioning Technician
- Retail Manager
- Scaffolder
- Stonemason
- Survey Technician
- Telecommunications Engineer
- Water/Waste Water Treatment Operator

#### Levels 6–7
**Diplomas and degrees**
- Accountant
- Aeronautical Engineer
- Architectural Technician
- Auditor
- Biochemist
- Biomedical Engineer
- Boat Builder
- Building and Construction Manager
- Building Contractor
- Building Surveyor
- Chemical Engineer
- Civil Engineer
- Data Analyst
- Electrical Engineer
- Electronics Engineer
- Energy Auditor
- Food Technologist
- Geospatial Specialist
- Geotechnical Engineer
- Mechanical Engineer
- Medical Laboratory Scientist
- Meteorologist
- Mining Engineer
- Naval Architect/Boat Designer
- Pharmacist
- Private Tutor/Teacher
- Radiation Therapist
- Secondary School Teacher
- Statistician
- Surveyor
- Valuer

#### Levels 8–10
**Postgraduate qualifications**
- Actuary
- Architect
- Audiologist/Audiometrist
- Chemist
- Dentist
- Diagnostic Radiologist
- Economist
- Finance Manager
- Forensic Scientist
- Forestry Scientist
- General Practitioner
- Geologist
- Geophysicist
- Gynaecologist/Obstetrician
- Health Services Manager
- Marine Biologist
- Medical Physicist
- Osteopath
- Pathologist
- Physician
- Psychiatrist
- Radiation Oncologist
- Surgeon
- Tertiary Lecturer

Find out more about these jobs at [careers.govt.nz/jobs-database](https://careers.govt.nz/jobs-database) or use our interactive tools to get ideas.

<table>
<thead>
<tr>
<th>Subject Matcher</th>
<th>CareerQuest</th>
<th>Advice line</th>
</tr>
</thead>
<tbody>
<tr>
<td>Get jobs ideas based on your school subjects.</td>
<td>Take a quiz of your interests and find job ideas.</td>
<td>Call 0800 200 733 for expert career advice.</td>
</tr>
</tbody>
</table>

Image courtesy of Chris Williams/NZ Story
<table>
<thead>
<tr>
<th>Level 1 - Year 11</th>
<th>Level 2 - Year 12</th>
<th>Level 3 - Year 13</th>
<th>Scholarship - Year 13</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Level 1 NCEA</strong></td>
<td><strong>Level 2 NCEA</strong></td>
<td><strong>Level 3 NCEA</strong></td>
<td><strong>The New Zealand Scholarship examinations</strong></td>
</tr>
<tr>
<td>To gain a Level 1 Certificate in NCEA students must gain 80 credits. At least 60 credits must be at Level 1.</td>
<td>To gain a Level 2 Certificate in NCEA students must gain 80 credits. At least 60 credits must be at Level 2. The other 20 credits can be at any level.</td>
<td>To gain a Level 3 Certificate in NCEA students must gain 80 credits. At least 60 credits must be at Level 3 and 20 at Level 2 or above.</td>
<td>Students may enter to sit one or more Scholarship examinations as well as their Level 3 NCEA Standards. Scholarship examinations extend very able students and offer monetary awards ranging from one off payments of $500 right up to $10,000 each year for three years of tertiary study in New Zealand. The examinations are designed to extend academic students, requiring them to demonstrate high-level abstract and critical thinking. (Scholarship is not a qualification and does not generate credits towards NCEA). For further information visit the New Zealand Qualifications Authority website: <a href="http://www.nzqa.govt.nz">www.nzqa.govt.nz</a> or see the relevant Head of Department, Mr Nowell or Ms Dempsey</td>
</tr>
<tr>
<td><strong>Literacy:</strong></td>
<td><strong>Level 1 Literacy and Numeracy must be achieved to gain Level 2.</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>● 10 specified Literacy credits</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Numeracy:</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>● 10 specified Numeracy credits</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Literacy credits can be gained from a range of subjects including Accounting, Biology, Drama, Economics, English, Geography, Health, History, Languages, Music, Sports Science and Technology</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Numeracy credits can be gained from subjects including Biology, Geography, Graphics, Mathematics and Physics</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Year 11 students study:</td>
<td>Year 12 students study:</td>
<td>Year 13 students study:</td>
<td></td>
</tr>
<tr>
<td>● English / ESOL</td>
<td>● English / ESOL</td>
<td>● 5 option subjects</td>
<td></td>
</tr>
<tr>
<td>● Mathematics</td>
<td>● 5 option subjects</td>
<td>A tutorial/study option</td>
<td></td>
</tr>
<tr>
<td>● Science (1 or 2 option lines)</td>
<td>● Physical Health Programme</td>
<td></td>
<td></td>
</tr>
<tr>
<td>● 3 or 2 option subjects (depending on the Science choice above)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>● Physical Education and Health Prog</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
UNIVERSITY ENTRANCE (UE)

LEVEL 1 – YEAR 11

*University Entrance: (UE) Numeracy*

Students need a **minimum of 10 credits at Level 1 or above** in specified Numeracy standards.

LEVEL 2 – YEAR 12

*University Entrance: (UE) Literacy*

Students need 10 credits at Level 2 or above, made up of:
- **5 credits in Reading (UE R)**
- **5 credits in Writing (UE W)**

NB: A standard that counts for both UE reading and writing will be identified as **UE Both**.

LEVEL 3 – YEAR 13

*University Entrance: (UE)*

- **NCEA Level 3**
- **14 credits each, in 3 approved subjects**

In addition to gaining UE students also may need to meet one or more of the following requirements (also see chart on following pages):

- Ranked Score/Guaranteed Entry Score
- Individual Degree programme subject requirements
- Individual requirements – eg; portfolios, interviews etc.

APPROVED SUBJECTS FOR UNIVERSITY ENTRANCE AND RANK SCORE

<table>
<thead>
<tr>
<th>Accounting</th>
<th>Education for Sustainability</th>
<th>Painting (Practical Art)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agriculture and Horticulture</td>
<td>English</td>
<td>Photography (Practical Art)</td>
</tr>
<tr>
<td>Biology</td>
<td>French</td>
<td>Physical Education (Sports Science)</td>
</tr>
<tr>
<td>Business Studies</td>
<td>Geography</td>
<td>Physics</td>
</tr>
<tr>
<td>Calculus</td>
<td>German</td>
<td>Printmaking (Practical Art)</td>
</tr>
<tr>
<td>Chemistry</td>
<td>Graphics</td>
<td>Processing Technologies</td>
</tr>
<tr>
<td>Chinese</td>
<td>Health Education</td>
<td>Religious Studies</td>
</tr>
<tr>
<td>Classical Studies</td>
<td>History</td>
<td>Samoan</td>
</tr>
<tr>
<td>Construction and Mechanical Technologies</td>
<td>History of Art</td>
<td>Science</td>
</tr>
<tr>
<td>Cook Island Maori</td>
<td>Home Economics</td>
<td>Sculpture (Practical Art)</td>
</tr>
<tr>
<td>Dance</td>
<td>Indonesian</td>
<td>Social Studies</td>
</tr>
<tr>
<td>Design (Practical Art)</td>
<td>Japanese</td>
<td>Spanish</td>
</tr>
<tr>
<td>Digital Technologies</td>
<td>Korean</td>
<td>Statistics</td>
</tr>
<tr>
<td>Drama</td>
<td>Latin</td>
<td>Technology</td>
</tr>
<tr>
<td>Earth and Space Science</td>
<td>Mathematics</td>
<td>Te Reo Māori</td>
</tr>
<tr>
<td>Economics</td>
<td>Media Studies</td>
<td>Te Reo Rangatira</td>
</tr>
<tr>
<td></td>
<td>Music Studies</td>
<td>Tongan</td>
</tr>
</tbody>
</table>

Make sure that you have chosen enough **University Approved** Level 3 subjects to gain the University Entrance qualification.
GUARANTEED ENTRY SCORE RANK SCORE CALCULATIONS

A Rank Score has been added to the New Zealand University Entrance requirement to enable universities to select students into courses. The universities who currently use this score or a Guaranteed Entry Score are The University of Auckland, AUT, Victoria University, Massey University, Canterbury University and the University of Otago. Please note that Otago, Massey and Canterbury have added the rank score as a series of guaranteed entry points that students can obtain prior to applying. It may be possible to gain entry with basic UE but the Rank Score gives them guaranteed or preferential entry.

Also note that individual degree programmes may have specific additional subject and/or level requirements. Year 13 students should aim to take at least 4 approved subjects for University Entrance to keep their options open. This means that Year 11 and 12 students need to plan subject pathways ahead so that they are able to take at least 4 approved subjects in Year 13.

Rank Score is based on the following:

<table>
<thead>
<tr>
<th>Top 80 credits in up to 5 approved subjects</th>
<th>X 2 for Achieved</th>
<th>= 160 points</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>X 3 for Merit</td>
<td>= 240 points</td>
</tr>
<tr>
<td></td>
<td>X 4 for Excellence</td>
<td>= 320 points</td>
</tr>
</tbody>
</table>

The University of Auckland also has the Table A and B system for some of their programme entry criteria requirements. Commerce, Architecture, Health Sciences, Nursing, and Property. Please check the specific faculty requirements.

<table>
<thead>
<tr>
<th>Table A</th>
<th>Table B</th>
</tr>
</thead>
<tbody>
<tr>
<td>Classical Studies</td>
<td>Accounting</td>
</tr>
<tr>
<td>English</td>
<td>Biology</td>
</tr>
<tr>
<td>Geography</td>
<td>Calculus</td>
</tr>
<tr>
<td>History</td>
<td>Chemistry</td>
</tr>
<tr>
<td>History of Art</td>
<td>Digital Technologies</td>
</tr>
<tr>
<td>Te Reo Maori OR Te Reo Rangatira</td>
<td>Economics</td>
</tr>
<tr>
<td></td>
<td>Mathematics *</td>
</tr>
<tr>
<td></td>
<td>Physics</td>
</tr>
<tr>
<td></td>
<td>Statistics</td>
</tr>
</tbody>
</table>

* Cannot be used in combination with Calculus and/or Statistics

University of Auckland Academic English language requirement

All students who are interested in applying to a degree course at The University of Auckland will need to meet the following requirement in order to be offered an unconditional place at the University:

- **A minimum of 17 credits in English at Level 2 and/or 3**

If an applicant does not meet this requirement, they will have a further opportunity to strengthen their preparation in this key competency while undertaking the initial stage of their degree studies. Otherwise qualified applicants who do not meet this standard will still be admitted to the University but their ongoing enrolment will be conditional on passing a specified for-credit course in academic English in their first year of university study.
### TERTIARY SUBJECT ENTRY REQUIREMENTS

<table>
<thead>
<tr>
<th>Area of Study</th>
<th>Qualification</th>
<th>Recommended subjects</th>
<th>Minimum Entry Criteria</th>
</tr>
</thead>
<tbody>
<tr>
<td>Architecture</td>
<td>Degree (3 years plus 2 professional years in a Masters programme) University of Auckland Victoria University of Wellington Unitec</td>
<td>Level 3 English, Mathematics, Physics Creative Arts, Design and Visual communication useful for portfolio Digital technology may be useful also</td>
<td>Auckland: UE + RS 230 + written statement +Portfolio + 16 credits from a Table A and a Table B subject + students are academically ranked Victoria: UE + Rank Score 180 + selection based on academic results after first year Unitec: UE+ Portfolio may require an interview</td>
</tr>
<tr>
<td>Arts/ Humanities</td>
<td>Degree: Bachelor of Arts (BA) (3 years) Most universities offer this programme</td>
<td>English rich subjects, Economics, Social Sciences all useful background subjects, Languages, Statistics useful for Psychology, Political Science, Social Sciences, Sociology</td>
<td>Auckland:GES - UE + RS 150 points Massey: GES - UE + RS 120 Otago:GES - UE + RS 140 Victoria: GES - UE +RS 150 All other Universities: UE</td>
</tr>
<tr>
<td>Aviation</td>
<td>Degree: (3 years) Massey</td>
<td>Calculus, Physics and English recommended</td>
<td>Massey: UE + RS 120 ADAPT test, interview, aptitude test + additional requirements. At least 14 Level 3 credits in a language rich subject ;L3 Physics, Calculus and Statistics are highly recommended</td>
</tr>
<tr>
<td>Biomedical Science</td>
<td>Degree: Bachelor of Science (majoring in Biomedical Science) (3 year degree) University of Akld Bachelor of Science or Bachelor of Biomedical Science University of Otago Bachelor of Biomedical Science at Victoria</td>
<td>Biology, Chemistry, Physics (recommended for Otago in particular) Maths plus an English rich subject useful, Statistics more helpful for Epidemiology Health statistics Chemistry, Biology and Maths useful</td>
<td>Auckland:GES - UE + RS 280 pts). The first year of this degree is one of two pathways to Medicine. Otago: GES - UE + RS 140 points 7 major subjects to choose from. N.B This is not the pathway to Medicine at Otago Victoria: GES - UE + RS 150</td>
</tr>
</tbody>
</table>
| **Business/Commerce/Property** | **Degree:** Bachelor of Commerce (BCom) or Bachelor of Property (BProp) (3 years) | **Level 3 Calculus useful if majoring in Finance and Economics** | **Auckland:** GES - UE + RS 180 + 16 credits in each of 3 subjects from Table A and/or B  
AUT: UE  
Massey: GES - UE + RS 140;  
Victoria: GES - UE + RS 150;  
Otago: GES - UE + RS 140;  
Canterbury: UE + RS 120  
Waikato: UE + 14 credits L3 Maths and 14 credits English, Te Reo or History  
*Language needed for International Business major*  
Technical institutes offer Diploma Level 2 Maths and English, Level 3 BME advantageous. |
| **Communications/Journalism** | **Degree:** Bachelor of Communications (3 years)  
AUT  
Other universities  
ARA Institute - NZ School of Broadcasting  
AUT and Canterbury Post grad Journalism course (1-2 years) | **Humanities and English rich subjects plus interest in film, media, drama, acting, debating or speech advantageous. A language would also be useful.** | **AUT:** Preference given to students with rank score of 180 or higher with 14 credits in each of two subjects from: Classical Studies, Drama, English, Geography, Health Education, History, History of Art, Media Studies, Social Studies.  
Other universities entry via BA entry criteria  
CPIT: 14 credits English/English rich subject + UE for degree programmes  
Post grad: Competitive entry academic. |
| **Computing/IT** | **Degree (3 years)**  
Most universities  
AUT – Bach Computer & Information Sciences  
Diploma: Technical Institutes | **Calculus, Physics and Digital Technology recommended.**  
**Level 2 Maths and English** | **Auckland:** BSc Computer Science UE + RS 165  
AUT: UE preference given to students who have one or more subjects from: Calculus, Mathematics, Statistics.  
Massey: UE + RS 140  
Victoria: UE + RS 150  
Otago: UE + RS 140 |
<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Major Requirements</th>
<th>Admission Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Criminology</strong></td>
<td>Bachelor of Arts (major in Criminology) at AUT and Victoria; can now be done as a minor at Otago; Bachelor of criminal justice at Canterbury new degree</td>
<td>Arts degree - stage 1 Sociology, stages 2 and 3 Criminology</td>
<td>Auckland: GES UE+ RS 150 Otago: UE + RS 140 AUT: UE</td>
</tr>
<tr>
<td><strong>Dental Therapy/ Hygiene, Oral health</strong></td>
<td>Degree: (3 years) University of Otago Aut: Oral Health Diploma: Unitec / Wintec</td>
<td>Level 3 Biology and English recommended AUT: Level 3 Sports Science</td>
<td>Otago: UE + RS 140 (first year is Health Sciences First Year) AUT: High rank score, interview.</td>
</tr>
<tr>
<td><strong>Dentistry</strong></td>
<td>Degree: (4 years) including HSFY (Health Science First Year) University of Otago only</td>
<td>Level 3 Physics, Biology, Chemistry, English rich subject and Statistics recommended.</td>
<td>Otago: UE + RS 140 then competitive entry into Dentistry 2nd year based on Academic marks in HSFY + UMAT + interview</td>
</tr>
<tr>
<td><strong>Design</strong></td>
<td>Degree: Bachelor of Design/ Visual Arts (3-4 years) Different majors including fashion, Photography, Interior, Graphics, Digital, Spatial AUT, Victoria, Unitec, Whitecliffe, Massey</td>
<td>Portfolio is required with different artistic media included, so more than one arts or technology subject is recommended also enough approved subjects for UE English rich subjects helpful.</td>
<td>UE + portfolio Unitec and AUT may require an interview also Victoria: UE+ RS 150 Massey: UE+ RS 140</td>
</tr>
<tr>
<td><strong>Engineering</strong></td>
<td>Degree: (4 years) Auckland, AUT, Canterbury Victoria and Massey software / Robotics/Mechatronics</td>
<td>Level 3 Calculus, Physics, English rich subject would be helpful, Level 3 Chemistry for some majors.</td>
<td>Auckland: UE + RS 260 + 17 external credits Level 3 in Calculus and 16 external credits Level 3 in Physics Canterbury: UE + RS 120+ 18 credits L3 Maths( calculus) L3 14 credits Physics and Chemistry (for some majors) Massey UE + RS 140 + 16 credits in level 3 Calculus and Physics 14 credits L3 Chemistry also required for Chemical and Bioprocess Engineering AUT: UE + Calculus &amp; Physics</td>
</tr>
</tbody>
</table>

---

**Legend:**
- **UE:** University Entrance
- **RS:** Rank Score
- **GES:** GCE Advanced Level Entry Score
- **UMAT:** Universities may require an interview also Victoria: UE+ RS 150 Massey: UE+ RS 140
| Field                  | Degree: Bachelor of Fine Arts (3-4 years) | Level 3 practical Visual arts subjects + English rich subjects (Art History especially) useful, all advantageous to portfolio | Auckland: UE + RS 150 + portfolio + written statement  
Massey: UE + RS 120 + portfolio + interview  
Canterbury: UE + Ilam special entry via Visual Arts AS 3.3 + RS 120+ portfolio |
|------------------------|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Fine Arts              | Various programmes at Auckland, AUT, Massey, Canterbury, MIT, Unitec, Whitecliffe | Auckland: UE + RS 150 + portfolio + written statement  
Massey: UE + RS 120 + portfolio + interview  
Canterbury: UE + Ilam special entry via Visual Arts AS 3.3 + RS 120+ portfolio |
| Field                  | Degree: (3 years) AUT, Massey, Auckland  
Otago: Bachelor of Applied Science Sports and Exercise Nutrition also | Level 3 Chemistry recommended, Biology and Statistics useful  
Dietetics Master’s degree at Auckland, Otago and Massey | Auckland UE + RS 200  
Otago UE + RS 140 competitive entry into Dietetics only from Otago  
Human nutrition courses must do a certain paper  
Massey UE + RS 140 pts  
AUT: UE |
| Food Science/Nutrition | Degree: 4 years Massey | Level 3 Chemistry, Physics, Calculus | Massey UE + RS 120 + min. 16 credits Level 3 Calculus and Physics + min. 14 credits Chemistry |
| Food Technology        | Degree: 3 years Auckland: can be first year for entry via Health Sciences pathway into Medicine or Pharmacy; also Otago: HSFY Health Sciences First Year pathway into Medicine, Physiotherapy, Med Laboratory Science, Dentistry and Pharmacy | Level 3 Biology, Chemistry, Physics; Statistics and English-rich recommended; Table A and B for Auckland especially Chemistry | Auckland: UE + RS 250 + min. 18 credits in one Table A and one Table B subject. The first year of this degree is one of two pathways to Medicine.  
Otago: UE + RS 140 |
| Health Sciences        | Degree: 3 years Auckland: can be first year for entry via Health Sciences pathway into Medicine or Pharmacy; also Otago: HSFY Health Sciences First Year pathway into Medicine, Physiotherapy, Med Laboratory Science, Dentistry and Pharmacy | Level 3 Biology, Chemistry, Physics; Statistics and English-rich recommended; Table A and B for Auckland especially Chemistry | Auckland: UE + RS 250 + min. 18 credits in one Table A and one Table B subject. The first year of this degree is one of two pathways to Medicine.  
Otago: UE + RS 140 |
| Hospitality Management | Degree: (3 years) AUT plus other tertiary providers Diploma: Technical Institutes and Private Training Establishments (PTE's)(1-2 years) | English, Mathematics, Commerce, Hospitality useful | AUT: UE  
PHIMS, Queenstown Resort College, Crown: L2 English literacy + Level 2 |
<table>
<thead>
<tr>
<th>Degree</th>
<th>Location</th>
<th>Subject Requirements</th>
<th>Admission Requirements</th>
</tr>
</thead>
</table>
| **Fine Arts**              |                           | Various programmes at Auckland, AUT, Massey, Canterbury, MIT, Unitec, Whitecliffe       | Auckland: UE + RS dependent on other bachelor's degree (1st year students take 3 law courses and 5 non-law courses)  
Victoria: UE + RS 150  
Otago: UE + RS 140  
AUT: UE + min.18 credits in an English rich subject, direct entry  
Waikato: UE direct entry into first year |
| **Food Science/Nutrition** |                           | Level 3 Chemistry, Statistics, Physics and English all useful  
Chemistry required at Massey | AUT: UE + min. 14 credits Level 3 Mathematics with Statistics, Biology and Chemistry  
Otago: UE + RS 140 in to HSFY then academic entry from HSFY into 2nd year based on academic marks and UMAT  
Massey: UE + RS 120 + Level 3 Chemistry |
| **Health Sciences**        |                           | Level 3 Biology, Mathematics and any Science helpful                                   | Auckland: First year UE + RS 280, or other bachelor's degree - must check with UoA  
Otago: UE + RS 140 then competitive entry via HSFY  
* Excellent academic ranking + UMAT + NO interview |
| **Hospitality Management** |                           | Level 3 English, Mathematics, Commerce, Hospitality useful                             |                                                                                  |
| **Law**                    |                           | English rich subjects ie History, Classics, Geography,                                  | Auckland: UE + RS dependent on other bachelor's degree (1st year students take 3 law courses and 5 non-law courses)  
Victoria: UE + RS 150  
Otago: UE + RS 140  
AUT: UE + min.18 credits in an English rich subject, direct entry  
Waikato: UE direct entry into first year |
| **Medical Laboratory Science** |                           | Level 3 Biology, Mathematics with Statistics, Biology and Chemistry  
Chemistry required at Massey | AUT: UE + min. 14 credits Level 3 Mathematics with Statistics, Biology and Chemistry  
Otago: UE + RS 140 in to HSFY then academic entry from HSFY into 2nd year based on academic marks and UMAT  
Massey: UE + RS 120 + Level 3 Chemistry |
| **Medical Imaging**        |                           | Level 3 English, Mathematics, Chemistry, Physics, (Stats or Calculus), English rich subject (Chemistry important) |                                                                                  |
| **Medicine**               |                           | Level 3 Biology, Mathematics, Chemistry, Physics, (Stats or Calculus), English rich subject (Chemistry important) | No direct entry to Medicine in NZ.  
Auckland: First year UE + RS 250 or 280 * for Health Science or Biomedical Science pathway (see these degree requirements)  
During first year - excellent academic ranking + UMAT + interview  
Otago: UE + RS 140 then competitive entry via HSFY  
* Excellent academic ranking + UMAT + NO interview |
| Midwifery       | Degree: (3 years) AUT  
Can also study at Wintec, CPIT and Otago Polytechnic | Biology, Chemistry and Language rich subject recommended | AUT: UE + 18 credits in Biology or Chemistry and 16 credits in a language rich subject. May also require an interview |
|-----------------|------------------------------------------------------------|----------------------------------------------------------|------------------------------------------------------------------------------------------------|
| Music           | Degree (can be a Bachelor of Music or a BA with a music major): (3 years)  
Programmes differ for performance, composition, technology, ethnomusicology  
NASDA at ARA Institute  
(Bachelor of Musical Arts or Bachelor of Performing Arts in Music Theatre) | Level 2 and 3 music theory as well as performance helpful | Auckland: UE + RS 150 + audition for performance, + CV including music certificates, referees and reports (Jazz, Performance and Popular Music)  
Otago: UE + RS 140 + audition for performance classical (includes voice) and contemporary  
Massey: UE + RS 120 + audition performance Jazz and Classical  
ARA Institute: UE + audition |
| Nursing         | Degree: (3 years)  
Auckland, AUT, Unitec, MIT, Massey and other tertiary providers  
Bridging and stair-casing certificates and diplomas available but not at Auckland or AUT | Level 3 generally at least one of Biology, Chemistry or Physics  
(check individual university req’s)  
Statistics and English rich subject useful  
Biology not required at MIT or Unitec but highly recommended | Auckland: UE + RS 230 + min. 16 credits in one Table A subject and min 16 credits in either Biology, Chemistry or Physics  
AUT: UE + highest level of academic achievement, + at least one English-rich subject and at least one science subject, may require interview, NB Midwifery is taught at AUT only see requirements for this  
Massey: current first aid certificate, Health screening + 14 credits in Biology, Chemistry at Level 3, Supporting credits in Physics, Statistics English, History and Geography taken into consideration |
<table>
<thead>
<tr>
<th>Degree</th>
<th>Requirements</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Midwifery</td>
<td>AUT: UE + 18 credits in Biology or Chemistry and 16 credits in a language rich subject. May also require an interview. Otago: UE + RS 140, first aid certificate and interview maybe required for both programmes.</td>
<td></td>
</tr>
<tr>
<td>Biology, Chemistry and Language rich subject recommended.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Music</td>
<td>Auckland: UE + RS 150 + audition for performance, CV including music certificates, referees and reports (Jazz, Performance and Popular Music). Otago: UE + RS 140 + audition for performance classical (includes voice) and contemporary. Massey: UE + RS 120 + audition performance Jazz and Classical. ARA Institute: UE + audition.</td>
<td></td>
</tr>
<tr>
<td>Nursing</td>
<td>Auckland: UE + RS 230 + min. 16 credits in one Table A subject and min 16 credits in either Biology, Chemistry or Physics. AUT: UE + highest level of academic achievement, plus police clearance. May also require an interview. Midwifery is taught at AUT only see requirements for this.</td>
<td></td>
</tr>
<tr>
<td>AUT: Level 3 generally at least one of Biology, Chemistry or Physics (check individual university req's). Statistics and English rich subject useful. Biology not required at MIT or Unitec but highly recommended.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Occupational Therapy</td>
<td>AUT Otago Polytechnic in Dunedin or Wintec in Hamilton.</td>
<td></td>
</tr>
<tr>
<td>Otago Polytechnic in Dunedin or Wintec in Hamilton.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Level 3 Biology, Chemistry, Physics, Health and Sports science useful.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Optometry</td>
<td>Auckland: UE + RS 280 for Biomedical Science in first year. Then academic ranking entry into Optometry for second year.</td>
<td></td>
</tr>
<tr>
<td>Degree: (5 years total, 1st year Biomedical Science or HSFY + 4 years Bachelor of Optometry) Auckland only Can do HSFY at Otago.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Level 3 Biology, Chemistry, Physics, Maths, English useful.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Performing Arts</td>
<td>Most universities, UE + performance audition may be required.</td>
<td></td>
</tr>
<tr>
<td>Degree: (3 years) Most universities do Theatre, Media and Drama; Toi Whakaari (competitive entry via audition).</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Level 3 Biology, Chemistry, Physics, Maths, English useful.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pharmacy</td>
<td>Auckland: UE + entry through Bachelor of Health Science (RS 250) or Bachelor of Science (Biomedical Science RS 280). Otago: entry through HSFY* then competitive entry into 2nd year Pharmacy via academic ranking only.</td>
<td></td>
</tr>
<tr>
<td>Degree: (5 years total 4 year degree + 1 year clinical for registration) Auckland Otago.</td>
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<tr>
<td>Level 3 Biology, Chemistry, (both important) Physics, Maths and an English rich subject helpful.</td>
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<tr>
<td>Physical Education ( + Teaching) *</td>
<td>Otago: UE + RS 140+ Level 2 min of 16 credits in 4 approved subjects the more merits and excellences the better chance of getting in Auckland: UE + RS 150 + interview re suitability for teaching Canterbury: UE + interview.</td>
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<tr>
<td>Degree (4 years) + 1 year graduate diploma if interested in teaching Otago Auckland and Canterbury university (4 years), Faculty of Education teaching diploma inclusive.</td>
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<tr>
<td>Program</td>
<td>Degree</td>
<td>Level 3 Biology, Chemistry, Physics, Mathematics, English rich subject mainly for Otago, Sports Science and Health also usefulAUT preference for high rank score + interview (possibly).</td>
</tr>
<tr>
<td>-------------------------------------------</td>
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</tr>
<tr>
<td>Physiotherapy</td>
<td>Degree: (4 years)AUT Otago</td>
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</tr>
<tr>
<td>Radiation Therapy</td>
<td>Degree: (3 years)Otago but located in University of Otago’s Wellington medical school. 2nd and 3rd year earn as you learn via DHB.</td>
<td>Level 3 Physics or Biology, Statistics or Calculus, plus an English rich subject, Te Reo Maori /Rangatira</td>
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<tr>
<td>Science</td>
<td>Degree: (3 years)All universities</td>
<td>Level 3 Biology, Chemistry, Mathematics, Physics depending on the degree major - check requirements at each university.</td>
</tr>
<tr>
<td>Social Work</td>
<td>Degree: (4 years)Auckland (Epsom campus) Canterbury Massey Otago</td>
<td>Level 3 English rich or social science subjects helpful but not essential.</td>
</tr>
</tbody>
</table>

Physiotherapy

Degree: (4 years)
AUT
Otago

Level 3 Biology, Chemistry, Physics, Mathematics, English rich subject mainly for Otago, Sports Science and Health also useful AUT preference for high rank score + interview (possibly).

AUT: UE + high rank score
Otago: UE + RS 140 + selection into 2nd year based on HSFY academic results + UMAT + interview

Planning - Urban, Resource and Environmental

Degree: (4 years)
Auckland (Urban Planning)
Massey(Resource and Environmental)
Lincoln (Environmental management)

Level 3 Geography useful.

Auckland: UE + RS 230 + written statement
Massey: UE + RS 120
Lincoln: UE

Radiation Therapy

Degree: (3 years)
Otago but located in University of Otago’s Wellington medical school. 2nd and 3rd year earn as you learn via DHB.

Level 3 Physics or Biology, Statistics or Calculus, plus an English rich subject, Te Reo Maori /Rangatira

Otago: UE + RS 140 + interview * must have visited a Radiation Therapy unit before applying. Completion of Level 3 with one of the following (English rich subject or Te Reo) and Maths (Statistics or Calculus), Biology and Physics

Science

Degree: (3 years)
All universities

Level 3 Biology, Chemistry, Mathematics, Physics depending on the degree major - check requirements at each university.

Auckland: UE + RS 165
AUT: UE
Otago: UE + RS 140
Victoria: UE + RS 150
Massey/Canterbury: UE + RS 140
Lincoln: UE
Waikato: UE

Social Work

Degree: (4 years)
Auckland (Epsom campus)
Canterbury
Massey
Otago

Level 3 English rich or social science subjects helpful but not essential.

Auckland: UE + RS 150 + interview
Canterbury: UE + interview
Massey: UE + RS 120
Otago: UE + RS 140
NB all require suitability re police check + referees reports
<table>
<thead>
<tr>
<th>Program</th>
<th>Degree:</th>
<th>Level 3/4 subjects required</th>
<th>Admission requirements</th>
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<tbody>
<tr>
<td>Speech and Language Therapy</td>
<td>(4 years)</td>
<td>Degree: (4 years)</td>
<td>Canterbury Massey</td>
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<td></td>
<td>Level 3 Biology, Chemistry, Health, English and Sports Science useful.</td>
<td>Canterbury: UE + RS 140 + selection into 2nd year based on academic ranking</td>
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<tr>
<td></td>
<td></td>
<td>Massey</td>
<td>Massey: UE + 140 Post graduate studies entrance via academic marks</td>
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<tr>
<td>Sport and Exercise Science/Recreation/Leisure/Coaching (see Physical Education also)</td>
<td>(3 - 4 years)</td>
<td>All universities except Victoria Unitec</td>
<td>Auckland: UE + RS 200 for Sports Science</td>
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<td></td>
<td>Level 3 Sports Science, Biology useful, strong Science base for Auckland and Statistics recommended; Sporting background also advantageous.</td>
<td>Massey: UE + 140 + two of the following L3 Biology, Physics, Chemistry or Maths</td>
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<td></td>
<td>Otago</td>
<td>AUT / Lincoln: UE</td>
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<tr>
<td></td>
<td></td>
<td>Otago: UE + RS 140 + entry into 2nd year based on academic ranking from 1st year course</td>
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<tr>
<td>Surveying</td>
<td>(4 years)</td>
<td>Degree: (4 years)</td>
<td>Otago</td>
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<td>Level 3 Geography and Calculus recommended but not essential.</td>
<td>Otago: UE + RS 140 + entry into 2nd year based on academic ranking from 1st year course</td>
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<tr>
<td>Teaching</td>
<td>(3- 4 years)</td>
<td>Degree: (3- 4 years)</td>
<td>Faculty of Education at most universities Unitec</td>
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<tr>
<td></td>
<td></td>
<td>All subjects useful for Primary teaching Secondary teachers need to do a specialist degree, then one year of teacher training.</td>
<td>UE + interview Auckland UE + RS 150 + Police check &amp; referees report</td>
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<tr>
<td>Tourism</td>
<td>(3 years)</td>
<td>Degree: (3 years) at some universities Diploma/Certificates at PTE’s</td>
<td>AUT: UE</td>
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<tr>
<td></td>
<td></td>
<td>Travel and Tourism helpful but not essential Level 2 English literacy for diploma and certificates.</td>
<td>Otago: UE</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ITC, NZ School of travel and Tourism, Crown and Travel careers PTE’s: May require Level 2 including literacy - check</td>
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<tr>
<td>Veterinary Science</td>
<td>(5 years, 1 semester pre Vet + 4.5 years to complete the actual degree) Massey only</td>
<td>Degree: (5 years, 1 semester pre Vet + 4.5 years to complete the actual degree) Massey only</td>
<td>Massey: UE + RS 120 + competitive entry into 2nd semester based on academic ranking of 1st semester papers + interviews - 50% each</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Level 3 Chemistry, Physics and Biology highly recommended, Statistics or Calculus recommended also.</td>
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</tr>
<tr>
<td>Vet Nursing</td>
<td>Diploma (2 years)</td>
<td>Degree: (2 years)</td>
<td>Unitec Wintec</td>
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<tr>
<td></td>
<td></td>
<td>Level 3 Maths, Biology. Experience with animals advantageous.</td>
<td>Unitec: Level 2 60 credits in 4 subjects including Biology</td>
</tr>
</tbody>
</table>
OTHER ADMISSION SCHEMES

Many tertiary providers offer alternative pathways that are designed to bridge the gap between secondary school studies and tertiary education. These include English language preparation courses, general foundation courses and foundation courses designed for specific faculties.

Institutions are also committed to providing equal opportunities to all who have the potential to succeed at tertiary level and have a range of admission schemes to improve access for equity groups such as students from lower socioeconomic backgrounds, refugees, students with disabilities and Maori and Pacific Island students.

For many Australian universities Level 3 English is a prerequisite as is the need for excellence in some courses. There are exceptions so please check Australian university websites in advance.

To find out more:

- Come to the Pathways Information Evening on Thursday 26 July where a variety of tertiary providers will be present.
- Come to the Options Evening on Thursday 2 August
- Visit the Career Education page on Elearn with links to providers.
- Visit the Career Education Centre to gather hardcopy information and speak to the Career education staff.
- Look up the profile builder on the Youth guarantee website
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VOCATIONAL PATHWAYS

Vocational Pathways give a new and clearer framework for vocational options and programmes. The pathways help students thinking about their future options to see which subjects and standards they should study to achieve their career goals. They are designed to improve relevance of learning for students, support programme design and careers advice, and improve the links between education and employment. The Vocational Pathways have been developed through a partnership between government agencies, the industry training sector, secondary and tertiary educators, and industry and employer representatives.
Achieving credits towards Vocational Pathways means students are developing foundation skills and knowledge in areas that employers value. Students can work towards the vocational pathway(s) by gaining credits from the achievement standards and unit standards recommended by the sectors. The Vocational Pathways will also make it easier for prospective employers and others to see when students have the strengths, abilities and qualities they are looking for.

http://youthguarantee.net.nz/vocational-pathways/students-and-whanau/

Year 13 students will have this information on their NZQA record of learning. Year 11 and 12 can use the profile builder to check what sector/industry their subject standards/credits fit into.
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Year 13 students will have this information on their NZQA record of learning. Year 11 and 12 can use the profile builder to check what sector/industry their subject standards/credits fit into.
## COURSES AVAILABLE IN 2019

<table>
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<tr>
<th>LEARNING AREA</th>
<th>YEAR 10</th>
<th>YEAR 11</th>
<th>YEAR 12</th>
<th>YEAR 13</th>
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</tbody>
</table>

A subject printed in *italics* is compulsory.
A subject printed in **heavy type** has a pre-requisite, and at certain levels will require a minimum standard for achievement in the previous year.
There is a reception class for students with little familiarity with English.
There may be changes to this list for 2019. Availability of subjects will depend on sufficient student numbers and staffing.
SUBJECT CHOICE – A HELPFUL GUIDE

Talk to your friends and family about your career ideas, but remember that the decision is yours – your career should be the 'best fit' for you.

If you have a career in mind, consider if it matches with your skills and abilities, your values and your interests. [https://www.careers.govt.nz/plan-your-career/not-sure-what-to-do/what-are-your-work-values/]

Read about the career/s you might be interested in, especially What Will I Do In This Job. [https://www.careers.govt.nz/jobs-database/]

Think about the subjects that you might need to help you reach your career. [https://www.careers.govt.nz/jobs-database/]

Are you taking subjects that you enjoy, are good at and are useful?

Check with your subject teacher at Options Evening to see if they agree with you

Are all these things matching up?

Now take another look at your subject selections – will you enjoy taking these subjects? Are they broad enough to keep your options a bit open in case you change your mind?

If you are still unsure about your choices, talk to the Careers Dept at Options Evening in the school library, or email pleask@apps.eggs.school.nz or lpulsford@apps.eggs.school.nz