



**OTAGO**  
POLYTECHNIC  
Te Kura Matatini ki Otago



> Life Sciences Careers > Horticulture

# Diploma in Horticulture (Level 5)

## Incorporating National Certificate in Horticulture (Level 4)

**Intake Dates:** 13 February 2012 and  
23 July 2012

**Duration:** Three years

**International Fees:** Year 1: \$18,500  
Year 2: \$7,000  
Year 3: \$7,000

**This three year diploma programme provides a pathway for students to gain the technical and supervisory skills required to work in the horticulture industry. Demand exists in vineyards, fruit orchards, nurseries and the landscape industry for qualified students.**

### SKILLS REQUIRED:

- An enjoyment of working in the outdoors
- Physical fitness
- Planning and organisational skills
- Good communication skills
- An eye for detail

### IELTS:

International Students must demonstrate English language skills equivalent to an IELTS overall band score (academic) of 5.5 (with no individual score less than 5.0).

### GRADUATE OUTCOMES:

Qualified and experienced horticulturists are currently in demand throughout New Zealand. Previous graduates have used this qualification as a pathway to Permanent Residency in New Zealand. Others have utilised the skills they have gained to set up commercial ventures in their home countries.

### YOU WILL STUDY:

In the first year you will complete the National Certificate in Horticulture (Level 4) through full-time study on campus. In the second and third years you will work in industry and complete the diploma through part-time study.

The programme involves work experience which in many cases is paid. Guarantees of work cannot be given. However, all previous, suitable, students have secured employment.

### Year 1

- Climate and frost
- Tractors and machinery
- Tools
- Plant science and propagation
- Soil science and fertilisers
- Plant pests and diseases
- Agrichemical safety
- Hydroponics
- Shelter
- Grafting
- Pruning fruit trees and grapevines
- Organics certification
- Weeds
- Irrigation
- Composting
- Fruit production
- Grapevines

### Year 2

- Weather and climate management
- Horticulture organisations and geography
- Horticulture production planning
- Pest, disease and disorder management
- Plant physiology
- Weed management
- Practical horticulture
- Horticulture elective

>  
**Otago Polytechnic**  
Central Otago  
centralotago@op.ac.nz

>  
Cnr Erris and Ray Streets  
PO Box 16, Cromwell 9342  
Central Otago, New Zealand

Freephone +64 3 445 9900  
Fax + 64 3 445 9909  
www.otagopolytechnic.ac.nz

**Year 3**

- Soils and fertility management
- Site evaluation
- Irrigation management
- Organics and sustainable production
- Supervisory skills
- Practical horticulture
- Horticulture elective

**ADDITIONAL INFORMATION:**

It is recommended that students have a laptop computer to access study material.



**PROGRAMME TIMING:**

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
<b>February intake</b>																														
Otago Polytechnic Study	National Certificate in Horticulture Level 4 (Year 1 Diploma in Horticulture L5)																													
Work based learning													Year 2 & 3 Diploma in Horticulture Level 5																	
Block courses at Otago Polytechnic																														
<b>August intake</b>																														
Otago Polytechnic Study								NCH level 4 (Yr1 Dip Hort L5)					NCH level 4 (Yr 1 Dip Hort L5)																	
Summer vacation work																														
Work based learning													Year 2 & 3 Diploma in Horticulture Level 5																	
Block courses at Otago Polytechnic																														

\*DISCLAIMER: While every effort is made to ensure that this sheet is accurate, Otago Polytechnic reserves the right to amend, alter or withdraw any of the contained information. The fees shown in this document are indicative ONLY. Both domestic and international fees are subject to change and are dependent on the development and implementation of Government policies. Please note that additional fees may from time to time be required for external examination, NZQA fees and/or additional material fees.