

BACHELOR OF SCIENCE IN

HORTICULTURE

Waterford - Kildalton College (WD096)
Dublin - National Botanic Gardens (WD097)

APPLY CAO

WD096

wit.ie/wd096

APPLY CAO

WD097

wit.ie/wd097

LEVEL

7

ENTRY REQUIREMENTS

5 subjects: O6/H7
English or Irish: O6/H7
Mathematics: O6/H7

DURATION

3 years

POINTS 2017 - KILDALTON (WD096)

Min: 191
Range: 191 - 544

POINTS 2017 - DUBLIN (WD097)

Min: 219
Range: 219 - 555

ADVANCED ENTRY

Student with Level 5 and 6 with merit of distinction in the new common award in Horticulture and who successfully complete bridging studies, can apply to transfer into Year 2.

Students who have completed a National Diploma or Certificate in Horticulture under the aegis of the Department of Agriculture, ACOT or Teagasc can apply to transfer into Year 3.

COURSE LEADER - KILDALTON (WD096)

Cara T. Daly
Email: cdaly@wit.ie

What is Horticulture?

Horticulture is a very diverse industry and career opportunities exist in a wide variety of areas, from producing plants for garden centres, working on golf courses, landscaping, through to fruit and vegetable production. Many horticulturists are managers or self-employed and need business as well as horticultural skills.

Course Aims

This is a three year full-time course designed to train professional horticulturists. The course is run in conjunction with Teagasc. Students can choose to study in Waterford at WIT and Teagasc, Kildalton College OR they can study in Dublin at the Teagasc College in the National Botanic Gardens. There are separate CAO codes for the Waterford and Dublin locations.

Careers Opportunities

- Employment as gardeners in public parks and grounds
- Landscape design
- Landscape construction
- Greenkeeping - maintenance of golfcourses and sports fields
- Nursery stock production - producing plants for the horticultural industry
- Garden maintenance contractors
- Food production
- Gardeners in private and heritage gardens
- Garden centres

Kildalton College - WD096

Students on this course study both at WIT and at Kildalton College, Piltown. The laboratory-based scientific and business modules are taken at WIT and the horticulture-based modules are taken at Kildalton. A free bus service operates between Kildalton and WIT.

National Botanic Gardens - WD097

Students on this course will be based in the Teagasc College at the National Botanic Gardens, Glasnevin, Dublin 9.

Placement

In year 2, one semester is spent on placement either in Ireland or abroad. This is an opportunity for you to see and implement the key horticultural skills you have learnt in college.

Follow on Study

BSc (Hons) in Land Management - WD158

COURSE OUTLINE

YEAR ONE

SEMESTER ONE

Communication Skills and
Computer Applications
Horticulture Skills 1
Plant Biology
Plant Knowledge 1
Plant Protection
Soil and Growing Media

SEMESTER TWO

Chemistry for Land Scientists
Horticulture Building Construction
Horticulture Mechanisation
and Safety
Horticulture Skills 2
Plant Knowledge 2
Plant Propagation

YEAR TWO

SEMESTER THREE

Biodiversity and Horticulture
Financial Analysis for your Business
Garden Management and Plant Selection
Sustainable Food Production
Landscape Design
Nursery Stock Production
Sportsurf Science
Lab Skills for Plant Micro-Propagation
(Waterford Only)

SEMESTER FOUR

Placement

Note: Students who have already undertaken placement. As part of their previously completed qualification, will be required to complete 6 other modules.

YEAR THREE

SEMESTER FIVE

Horticulture Sales and Marketing
Introduction to Scientific Writing and Data
Analysis
Managing your Business
People Management
Landscape Design
Nursery Stock Production
Sportsurf Science
Sustainable Food Production
Lab Skills for Plant Micro-Propagation
(Waterford Only)

SEMESTER SIX

Arboriculture
Horticulture Project and Seminar
Law for Horticulturists
Tax for Horticulture
Field Crop Production
Garden Centre Operations
Greenkeeping
Landscape Design Advanced
Plants and Society
Beekeeping and Pollination Studies
Computer Aided Design
Interior Landscaping and Floristry
Protected Crop Production
Social and Therapeutic Horticulture