

Plant Science

QQI Level 5 (Component Award)



About this Course

The QQI level 5 component award in Plant Science will equip the learner with the knowledge, skills and competence to understand plant structure, processes, growth and development in a horticultural context. This course will lead to a minor award at NFQ Level 5 in Plant Science (5N2528).



Who should apply?

It is suited for people who are currently pursuing careers in all of the various horticultural sectors or for those who feel they would like to explore this particular area of horticulture. This module offers participants a chance to study at the Teagasc College, National Botanic Gardens. By taking other Level 5 modules, students may be able to build towards a full award of QQI Certificate in Horticulture. This subject is worth 10 Credits which can be counted towards further studies at Level 5.



Module Content

On completion of this module, students will be able to:

- Discuss plant anatomy.
- Illustrate secondary thickening
- Describe plant processes and their relationship with environmental factors
- Outline the life cycle and development of plants
- Describe the functions of plant hormones
- Apply Mendel's Law of inheritance
- Outline processes of conventional plant breeding
- Outline characteristics of micro-organisms
- Investigate the system of plant classification.

Course Structure

The course will be offered in one 3 hour session per week over a 28 week period commencing in early September and running through to mid-May. Students will be required to undertake class work and some laboratory work. It will be offered in the Teagasc College National Botanic Gardens. Course will be assessed through written theory exam and assignment. Check with College for availability each year.

Application for this course is through our website at www.teagasc.ie/education/going-to-college/apply-online/

Teagasc College of Amenity Horticulture, National Botanic Gardens, Dublin 9.
Tel: 01 804 0201 or Email: botanic.college@teagasc.ie

From the Teagasc website www.teagasc.ie