

Education  
Programme



# COURSE PROSPECTUS 2022

# Schedule of College Open Days

## Autumn 2021

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FRIDAY, 1st OCTOBER

### Ballyhaise (Agriculture and Forestry)

Teagasc, Ballyhaise Agricultural College, Ballyhaise, Co Cavan. H12 E393

🕒 10am – 1pm / Tours on-going (Advanced booking is strictly required to attend in person.)

**Principal:** John Kelly

☎ 049 4338108 ✉ ballyhaise.college@teagasc.ie

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FRIDAY, 1st OCTOBER

### Kildalton (Agriculture & Horticulture)

Teagasc, Kildalton Agricultural & Horticultural College, Piltown, Co Kilkenny. E32 YW08

Tours start at 10am & 11am

**Principal:** Tim Ashmore

☎ 051 644400 ✉ kildalton.college@teagasc.ie

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WEDNESDAY, 6th OCTOBER

### Mountbellew (Agriculture)

Mountbellew Agricultural College, Mountbellew, Co Galway. H53 WE00

Virtual tour (details to be confirmed)

**Principal:** Edna Curley

☎ 0909 679205 ✉ admissions@mountbellewagri.com

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THURSDAY, 7th OCTOBER

### Pallaskenry (Agriculture)

Salesian Agricultural College, Pallaskenry, Co Limerick. V94 V8N3

🕒 10.30am – 12.30pm / Tours on-going

**Principal:** Derek O'Donoghue

☎ 061 393100 ✉ info@pallaskenry.com

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FRIDAY, 8th OCTOBER

### Clonakilty (Agriculture)

Teagasc, Clonakilty Agricultural College, Darrara, Clonakilty, Co Cork. P85 AX52

Tours start at 11am & 12 noon

**Principal:** Keith Kennedy

☎ 023 8832500 ✉ clonakilty.college@teagasc.ie

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TUESDAY, 12th OCTOBER

### Gurteen (Agriculture)

Gurteen College, Ballingarry, Roscrea, Co Tipperary. E53 TP93

🕒 10.30am – 12.30pm / Tours on-going

**Principal:** Jon Parry

☎ 067 21282 ✉ info@gurteencollege.ie

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WEDNESDAY, 13th OCTOBER

### Botanic Gardens (Horticulture)

Teagasc, College of Horticulture, National Botanic Gardens, Glasnevin, Dublin 9. D09 YV29

🕒 2pm – 4.30pm / Tours on-going

**Principal:** John Mulhern

☎ 01 8040201 ✉ botanic.college@teagasc.ie

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## Spring 2022

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WEDNESDAY, 2nd MARCH

### Mountbellew (Agriculture)

Mountbellew Agricultural College, Mountbellew, Co Galway. H53 WE00

Tours start at 9.30am, 10.30am & 11.30am

**Principal:** Edna Curley

☎ 0909 679205 ✉ admissions@mountbellewagri.com

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FRIDAY, 4th MARCH

### Ballyhaise (Agriculture and Forestry)

Teagasc, Ballyhaise Agricultural College, Ballyhaise, Co Cavan. H12 E393

🕒 10am – 1pm / Tours on-going

**Principal:** John Kelly

☎ 049 4338108 ✉ ballyhaise.college@teagasc.ie

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FRIDAY, 4th MARCH

### Clonakilty (Agriculture)

Teagasc, Clonakilty Agricultural College, Darrara, Clonakilty, Co Cork. P85 AX52

Tours start at 11am & 12 noon

**Principal:** Keith Kennedy

☎ 023 8832500 ✉ clonakilty.college@teagasc.ie

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FRIDAY, 4th MARCH

### Kildalton (Agriculture & Horticulture)

Teagasc, Kildalton Agricultural & Horticultural College, Piltown, Co Kilkenny. E32 YW08

Tours start at 10am & 11am

**Principal:** Tim Ashmore

☎ 051 644400 ✉ kildalton.college@teagasc.ie

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THURSDAY, 9th MARCH

### Gurteen (Agriculture)

Gurteen College, Ballingarry, Roscrea, Co Tipperary. E53 TP93

🕒 10.30am – 12.30pm / Tours on-going

**Principal:** Jon Parry

☎ 067 21282 ✉ info@gurteencollege.ie

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THURSDAY, 10th MARCH

### Botanic Gardens (Horticulture)

Teagasc, College of Horticulture, National Botanic Gardens, Glasnevin, Dublin 9. D09 YV29

🕒 12 noon – 3pm / Tours on-going

**Principal:** John Mulhern

☎ 01 8040201 ✉ botanic.college@teagasc.ie

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THURSDAY, 10th MARCH

### Pallaskenry (Agriculture)

Salesian Agricultural College, Pallaskenry, Co Limerick. V94 V8N3

🕒 10.30am – 12.30pm / Tours on-going

**Principal:** Derek O'Donoghue

☎ 061 393100 ✉ info@pallaskenry.com

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Dates/times/event delivery are subject to any national Covid-19 restrictions, which may apply at the time. For further information please contact the college of your choice.

# Welcome to the Teagasc Prospectus of Courses for 2022

Teagasc is the primary provider of accredited further (vocational) education for the land-based sector. Teagasc has a major input into higher education and postgraduate education delivery through its extensive partnership with the higher education sector. Teagasc is in the process of developing industry led higher education apprenticeships in horticulture, agriculture and equine disciplines. Teagasc also has a substantial involvement in providing short courses and continuous professional development across the land-based and food sectors. This Prospectus outlines the various course offerings.

## Teagasc Education for the land sector

Teagasc recognises the importance of developing the knowledge, skills and capability of land sector entrants. While practical knowledge will always be essential, there will be an increasing need to broaden and deepen skillsets in areas such as sustainability, new technologies, business and risk management, safety and well being and food assurance. Developing the capability of students to learn, and solve problems for themselves is increasingly important.

The Teagasc Education Vision Report (2018) identified a need to refine and extend Teagasc's education offering to meet changing skillset for managers, technicians and operatives across the land sector. Innovative approaches to teaching and learning will be required to foster learners' personal capabilities including the development of apprenticeships programmes. Digital technologies will also play a role in shifting education delivery towards a blended delivery format. Greater gender diversity across land sector careers also needs to be encouraged. Formal education can no longer sustain evolving skillset needs over the course of a career. Continuous learning after formal education will be imperative.

## Teagasc linked higher education

Teagasc makes a major contribution to the delivery of land sector higher education courses. This involvement supports progression opportunities for Teagasc students in addition to providing a technical knowledge base for learners in higher education. Graduates of Teagasc linked higher education programmes take up careers across the agri-food sector including farming, horticulture, forestry, equine, machinery, agri-services and food sectors.



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## Why choose a Teagasc course?

Teagasc is unrivalled in the depth of knowledge and expertise it can draw on to support your education. Teagasc is at the cutting edge of research and knowledge transfer for the land and agri-food sectors. Teagasc engages with all land sector areas including farming, agricultural mechanisation, horticulture, forestry and equine as well as financial institutions, agri-service providers, the food processing sector and state agencies.

### 'Hands on' environment

For our full-time courses, teaching and learning is typically split 50:50 between classroom and outdoor practical instruction. Our practical instruction classes allow mutual interaction to develop between tutors and students in a 'hands on' learning environment.

In advanced certificate programmes we strongly encourage the development of problem solving, decision making and planning capabilities, utilising discussion groups, visits to external farms and other facilities and external speakers in our delivery approach.

### Real life experience

As a full-time student you will also spend time away from the college on a host farm or unit. This is called a Practical Learning Period (PLP) and is part of our Level 5 and Level 6 programmes. Our students particularly value the real life experience gained from their PLP. For Level 6 programmes we encourage and facilitate students to complete their PLP overseas, but it is not a requirement that you go overseas. Our PLP programmes are delivered through a network of over 1,000 registered host farms and units.

### Teagasc Education's link with Research and Advisory

Research farms have been developed at a number of colleges. There are also specialised resources and facilities at Teagasc's two horticultural colleges to enable

hands-on learning for horticultural learners and likewise for the equine and forestry programmes at the relevant college. Our adult part-time and distance education courses are delivered across Teagasc's 12 advisory regions and the agricultural college network.

### After you graduate

Teagasc offers more than an education. After graduation, we encourage you to avail of our advisory and research services, discussion group network and continuous professional development programmes for farmers and growers. If you take up a career in the wider agri-food sector we encourage you to avail of the Teagasc ConnectEd programme.

### Future Course Developments

Teagasc has been approved to develop five higher education land based apprenticeships in

- Level 6 Sports Turf Technician
- Level 6 Horticulturist Technician
- Level 6 Agriculture Farm Technician
- Level 7 Agriculture Farm Manager
- Level 7 Assistant Stud Manager.

Teagasc expects to submit apprentice programmes to QQI for validation in late 2021/early 2022. Subject to approval, it is expected that a number of apprenticeship programmes may commence thereafter in 2022.

Further updates will be published on the Teagasc website, or by contacting your local agricultural or horticultural college.



## Benefits of completing a course with Teagasc

Teagasc is the leading provider of accredited further education for the land sector. Teagasc also has a major input into higher education and postgraduate education delivery through its extensive partnership with the higher education sector and its development of Teagasc higher level horticulture, agriculture and equine apprenticeships.

- You receive specialist skills training and gain an in-depth understanding of progressive farming systems and the latest management approaches.
- Teagasc courses are creative, diverse and lots of fun. You will meet and work with students from similar backgrounds and develop friendships and networks which will last long after graduation.
- All Teagasc Level 5 and Level 6 major awards are validated by QQI and lead to internationally recognised awards.
- A QQI qualification will not only prepare you for your future career, it can also allow progression into higher education and increase your employment opportunities in an expanding agricultural services sector.
- Opportunities to progress by advanced entry into second year of higher education degree programmes is possible at many Institutes of Technology.
- You will learn by doing – a key strength of Teagasc's education programme is its blend of classroom and practical instruction. You will spend up to 50% of your time on practical training or on work experience.
- Research has shown a very high rate of return from Teagasc education through higher productivity at farm level. The Teagasc National Farm Survey confirmed that family farm income was consistently greater for those with a formal agricultural education as opposed to no formal agricultural education.
- Future prospects are bright with a projected increase in the world population to about 9 billion by 2050. This will result in an increased demand for food and provides exciting future opportunities for all land sectors. For example, it is estimated that the Irish dairy sector will require additional workers/managers to meet increased workforce requirements as a consequence of expanding dairy herds. New employment opportunities will arise for full time, part time and casual labour. There will also be an increased demand for professional farm managers.



## Become a “Trained Farmer”

Recent national policy has prioritised ‘young trained farmers’ for various farm schemes and incentives. Graduates of Teagasc training courses meet the training qualification to become a ‘young trained farmer’. Measures and schemes where a young trained farmer qualification is required or is advantageous to have include:

- Young Farmers Scheme
- National Reserve Scheme – Young Farmer Category
- Young Farmer Capital Investment Scheme under the Targeted Agricultural Modernisation Schemes (TAMS)
- Registered Farm Partnerships/ Collaborative Farming Grant Scheme
- Stamp Duty Exemption on Transfers of Land to Young Trained Farmers
- Capital Acquisitions Tax Relief
- Stock Relief on Income Tax for Certain Young Trained Farmers.

It is expected that future CAP reform will have benefits for young trained farmers. Completing training with Teagasc will allow you to benefit from future schemes and reliefs.

Note: Education requirements for schemes are subject to change and applicants are required to meet terms and conditions when applying for various schemes.

## Preparing for your future career

Training with Teagasc will allow you to:

- Develop the capability to adopt and integrate future advances in farm husbandry and technologies
- Be proficient in business planning, financial management, governance and compliance
- Develop an entrepreneurial mind-set and foster fresh thinking and new approaches work
- Prepare for smart farming, precision farming, sensor technology, automation and robotics
- Become digitally literate to exploit future technology to the maximum
- Master future environmental and climate change challenges.

## Teagasc graduates stay in the industry

Teagasc conducts a ‘look back’ survey among its Level 6 graduates five years after they graduate. The aggregated findings from those responding show:

- Very high level of graduates working in the industry post-graduation (90%+).
- Substantial involvement at management level.
- Increased levels of activity and investment by graduates.
- A positive view of how their Teagasc education prepared them for their career.
- A very high level of endorsement of their Teagasc course to others.

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## Covid19 Contingency Planning

With the roll-out of the national vaccination programme, Teagasc expects that its training programmes will return to normal modes of delivery with a high proportion of face to face delivery. However, in line with government/HSE guidelines, your college or centre will advise you on specific COVID-19 requirements as they arise including social distancing requirements, COVID-19 hygiene and etiquette best practice, and if necessary personal protection equipment that you yourself may need to provide and wear.

Elements of your course will involve remote delivery and online learning. To engage with the programme and to facilitate learning you should have access to the internet, a working email and a desktop/laptop/notepad or other suitable device.

# Teagasc education resources – reasons to train with Teagasc

**1. Teagasc Training Networks:** Teagasc education programmes are delivered through its network of seven colleges (four Teagasc colleges and three linked private colleges) and Teagasc's 12 Advisory Regions.

**2. College Farms:** The Teagasc colleges and the private colleges have substantial land and physical resources at their disposal for practical instruction and demonstration of commercial farming. The total combined area farmed at colleges amounts to just over 1,000 hectares and includes over 800 dairy cows, almost 300 suckler (beef) cows, and 1,200 ewes and close to 100 hectares of tillage.

Our colleges also have an extensive range of farm machinery, equipment, and modern workshops for practical teaching purposes. There are also specialised resources, gardens and facilities at Teagasc horticultural colleges to enable hands-on learning. Likewise, the equine courses at Teagasc Kildalton College have the resources to allow students to work with horses on a daily basis. Our forestry teaching resources at Teagasc Ballyhaise College include state of the art simulator facilities. No other Irish provider of land-based training has access to such substantial resources.

**3. Agricultural college farms and research linkages:** Teagasc research programmes have been established at Teagasc Clonakilty and Ballyhaise Colleges. Kildalton College is a significant base for Teagasc and Dept. of Agriculture, Food and the Marine crop variety trials and horticultural observation trials. A joint horticultural research and teaching facility has also been established at Teagasc Ashtown, Dublin. Students on Teagasc courses are exposed to the latest research findings and visit Teagasc research farms to meet researchers and see the latest research work.

**4. Practical Learning Hosts:** Teagasc has over 1,000 active host farms and host units that provide in-situ practical learning periods (placement) for Teagasc learners.

**5. Benchmark Farms:** Teagasc links with over 50 commercial farms known as 'Education Benchmark Farms' which are utilised for learner benchmarking exercises and learner discussion group visits.

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## Student support

Being a Teagasc student gives you the opportunity to be part of a learning environment that allows you to develop both as a person and to forge friendships and working relationships that can last a lifetime.

We encourage you to share your own knowledge and skills with other students. We would like you to enjoy your education and to have a positive learning experience. We are also very conscious that challenges and difficulties sometimes arise for students. We would like to help if this happens.

## Access, Transfer and Progression

Teagasc is committed to the promotion of access to, transfer and progression in facilitating learners who wish to study the land based sector. Teagasc programmes are recognised on the National Framework of Qualifications and thereby facilitate learner mobility.

Teagasc provides up-to-date, accurate, and clear information in relation to entry requirements, transfer, and progression



opportunities. Teagasc encourage learners to progress through the various stages of accredited programmes by providing them with transparent paths of progression between programmes.

## Dignity and respect

Teagasc is committed to the promotion of a work and study environment that upholds the dignity and respect of the individual that is free of any form of harassment, intimidation or bullying. Teagasc requires all staff and learners to recognise their responsibilities in this regard.

A Learner Representative Body works in partnership with the college/centre management and staff for the benefit of all involved in the programme. This partnership helps to build relationships and provide a forum for discussion to enhancing the learner experience. Learners from all courses at a college/centre are represented. A schedule of formal meetings is managed by the college principal or course co-ordinator where topics including teaching, assessments, learner support, work experience, policies and facilities can be discussed.

## Learner support

Where appropriate and feasible we will provide reasonable supports and accommodation for assessment to learners with recognised disabilities. Each college has an Access Officer who can assess the learning support requirements of learners with recognised needs or disabilities. Contact individual colleges for more information.

## Student Assistance Programme (SAP)

Teagasc makes available a student counselling and information service to students. Free professional counselling and information will be available to students through the service. Students can talk to a counsellor on the phone at any time. Face to face counselling with a local counsellor can

also be arranged through the service where necessary. This service is totally confidential and can help with problems individual students may be experiencing.

## Student mentor

Colleges may assign a member of staff to act as a mentor to a student. The mentor may discuss the student's progress in his/her studies and provide feedback and encouragement. Mentors may also highlight concerns about the student's attendance and performance in assessments if necessary.

## Teagasc student maintenance grant

Teagasc provides student maintenance grants to eligible students participating on full-time Level 5 and Level 6 programmes. Assessment for eligibility is based on criteria similar to those for higher education student maintenance grants. Please note that Teagasc student maintenance grant applications are not processed by Student Universal Support Ireland (SUSI). Additional information can be accessed at: [www.teagasc.ie/education/going-to-college/grants/](http://www.teagasc.ie/education/going-to-college/grants/)



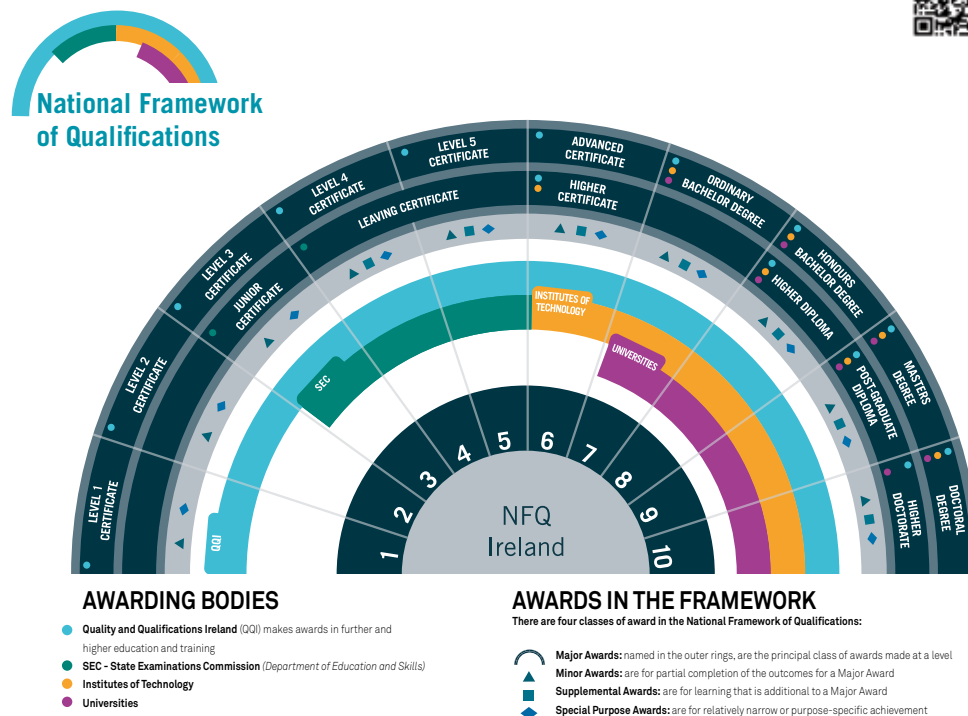
# Teagasc on the National Qualifications Framework

Teagasc has access to QQI awards at Levels 5 and 6, and is a partner in delivery from Level 7 to Level 10 on the national awards framework.

- Teagasc is a QQI registered provider of further education at Level 5 and Level 6.
- At Level 7 and Level 8, Teagasc partners with Institutes of Technology to co-deliver degree programmes (Partner higher education institutions are listed later in the Prospectus).
- The Teagasc Level 7 Professional Diploma in Dairy Farm Management is validated by University College Dublin.
- Teagasc is currently developing higher level education agriculture, horticulture and equine apprenticeships at level 6 and 7 on the NFQ in conjunction with

Apprenticeship Consortia groups (representing industry), Quality and Qualifications Ireland, the Apprenticeship council, SOLAS and the Higher Education Authority.

- At Level 9 and Level 10 (Masters and PhD), Teagasc provides a Walsh Scholarship programme that sponsors students to work and carry out applied research in Teagasc while achieving their Masters or PhD qualification with the partner university or Institute of Technology. At any one time, approximately 250 postgraduate students participate in this very successful Teagasc programme.
- See [www.teagasc.ie/about/research--innovation/postgraduate-scholarships/](http://www.teagasc.ie/about/research--innovation/postgraduate-scholarships/) for more detail.



## International Students

Teagasc welcomes applications from international learners and provides up to date information on programme content, study, English language requirement, course charges, accommodation and subsistence costs.

For non-English speakers, language supports are provided in so far as is reasonable. Non-English speakers who are applicants for Teagasc programmes are expected to have a minimum level on the Common European Framework of Reference for Languages.

# EDUCATION & TRAINING COURSES



## Careers in the land based sector

Agriculture and other land-based sectors have changed significantly over the past 50 years. The industry has seen rapid developments in mechanisation and the adoption of new technologies which has resulted in greater yields, higher quality and improved productivity. Today, Ireland is a major producer and worldwide exporter of quality food. In 2020, Ireland exported food to over 180 countries, and the value of Irish food and drinks exports were €13 billion.

If the pace of change has been rapid in the past all forecasters predict that the rate of change will be much faster in the future. To remain competitive new entrants to farming, horse production, forestry and horticulture will have to master fresh challenges to progress in the industry. Training with Teagasc will empower you and give you the skills you require to prosper in your chosen career.

### Career stepping stones

Teagasc education and training is centred on three core occupational roles

**Manager:** This role encompasses a significant business management dimension as a business owner or an employed manager.

**Technician:** This role involves taking responsibility for production and administration. This may be as a crop producer, livestock producer, breeder, horticulturist or an assistant manager.

**Operative:** The role of an operative or assistant is crucial to everyday operation. The role may be permanent or casual.

Teagasc has training and education programmes which will train you for your desirable career.

### Education and Career Stepping stone guide



The recommended education pathway for these careers is summarised in the following:

## Recommended Education Pathways for Careers in the Land-based Sector

### The Operative

#### Required Competences

- Carry out defined work duties competently.
- Exercise initiative in executing routine activities.
- Assist in the overall operation of the unit.
- Act effectively as a member of a team.

**Recommended Teagasc education pathway:**

**Level 5 Certificate.**

### The Technician

#### Required Competences

- Lead and carry out routine activities.
- Carry out unit administration and recording duties.
- Carry out certain evaluation activities.
- Take routine unit decisions.
- Plan for and manage problems.
- Supervise resources.

**Recommended Teagasc education pathway:**

**Level 6 Advanced Certificate**  
– two year pathway incorporating the Level 5 Certificate and the Level 6 Advanced Certificate.

### The Manager

#### Required Competences

- Plan and co-ordinate key activities.
- Analyse and respond to more complex business situations and problems.
- Manage and lead complex businesses.
- Conduct strategic options analysis.
- Evaluate work and business performance.
- Manage people, teams and systems.
- Recruit staff and co-ordinate staff induction and training.

**Recommended Teagasc education pathway:**

**Level 7 degree** in Farm Management obtained through a higher apprenticeship programme.

For smaller scale units the roles are likely to be less differentiated, with owners fulfilling all roles in some cases.



# Dairy

This full-time dairy education option is offered at:

Teagasc Ballyhaise College, Co. Cavan

Teagasc Clonakilty College, Co. Cork

Gurteen Agricultural College, Co. Tipperary

Teagasc Kildalton College, Co. Kilkenny

Mountbellew Agricultural College, Co. Galway

Salesian Agricultural College, Pallaskenry, Co. Limerick



## Dairy Herd Management

**Programmes:** The recommended training for someone seeking a career in the dairy farm sector is to complete the Teagasc Level 5 Certificate in Agriculture Programme & Teagasc Level 6 Advanced Certificate in Agriculture (Dairy Herd Management) Programme.

This training will equip graduates with the knowledge, skills and capabilities for the role of dairy herd technician/manager on their home farm or as an employed farm technician, herd manager.

**Duration:** The Level 5 Certificate in Agriculture is one year, and the Level 6 Advanced Certificate in Agriculture is one year.

**Qualifications:** These programmes are validated by QQI and successful completion leads to

- Level 5 Certificate in Agriculture Award (5M20454)
- Level 6 Advanced Certificate in Agriculture (6M20486).

**Entry Requirements:** There is a separate application process for each programme. Applicants to the level 5 Certificate must be 17 years or over on 1<sup>st</sup> January following entry to Level 5, and ideally should have completed the senior cycle of second level education. Applicants must successfully complete the Level 5 Certificate in Agriculture, or equivalent course, to meet the entry requirements for the Advanced Certificate in Agriculture (Dairy Herd Management). Applicants with relevant prior learning and/or life experience will also be considered.

**Application Process:** The initial application should be made for the Teagasc Level 5 Certificate in Agriculture Programme. Applications are made online through the Teagasc public website: [www.teagasc.ie/agriculture-courses/](http://www.teagasc.ie/agriculture-courses/). On successful completion of the Level 5 Certificate in Agriculture, applications can be submitted for the Level 6 Advanced Certificate in Agriculture.



### Transfer and progression

#### Teagasc/UCD Professional Diploma in Dairy Farm

**Management:** Learners who successfully complete the Advanced Certificate in Agriculture may apply to progress to the Professional Diploma in Dairy Farm Management.

**Higher Education Links Scheme:** Learners may seek opportunities in higher education through the Higher Education Links Scheme. To get full details of the range of Higher Education institutions and programmes available under the scheme, please contact the admissions office of the individual Higher Education institution or visit [www.cao.ie](http://www.cao.ie).

**Advanced entry into higher education:** Holders of a Level 6 Advanced Certificate in Agriculture can apply for advanced entry into certain degree programmes. Places are limited. Additional information can be accessed via the relevant college website.

**Employment:** Graduates of the Advanced Certificate can progress into employment in roles such as a dairy herd technician or herd managers.

## What will you study?

Sample content from the Teagasc Level 5 Certificate in Agriculture programme

QQI Code	Title	Level	Credits
5N20368	Principles of Agriculture	5	15
5N20371	Farm Safety and Farm Assurance	5	15
5N20374	Soils and the Environment	5	10
5N20377	Farm Business and Technology	5	10
5N20380	Safe Use of Pesticide Products	5	5
5N20388	Beef Husbandry *	5	10
5N20396	Dairy Husbandry *	5	10
5N20399	Grass Production *	5	10
5N1433	Work Practice	5	15
	Electives*	5	20

Sample content from the Teagasc Level 6 Advanced Certificate in Agriculture Programme (Dairy Herd Management)

QQI Code	Title	Level	Credits
6N20462	Farm Management and Business Planning	6	10
6N20463	Sustainable Farming in the Environment	6	10
6N20464	Sustainable Farm Development	6	15
6N0305	Managing Ruminant Nutrition	6	10
6N3525	Applied Livestock Breeding	6	5
6N20471	Dairy Husbandry Management	6	15
6N20472	Grassland Management	6	5
6N20476	Milking Process Technique	6	5
6N20485	Grazing Platform Designs	6	5
6N1947	Work Practice	6	15
	Electives*	6	25

\*Choice of module will be at the discretion of the college/centre

## Graduate Profile



**Name:** Conor Coakley  
**County:** Cork

**Current position:** Working as a 'trainee' Herd Manager. Herd target is 450 cows giving 420 kg milk solids each.

**Course completed and location:** Advanced Certificate in Agriculture Level 6 Dairy Herd Management – Clonakilty Agricultural College and have now progressed to the Profession Diploma in Dairy Farm Management (PDDFM).

I like cows, I like milking them, I enjoy grass budgeting weekly, knowing what we have on the farm and making decisions based on that knowledge. I found grassland budgeting and assessing covers each week was really beneficial. I learned more in class than I had expected to. Doing a farm plan was particularly good for me – looking at cash flow and profit monitors, especially. I aim to complete the PDDFM and calve down 100 dairy females in Spring 2019 on my own farm. I have been purchasing heifers in preparation for this.

I would advise anyone to participate in the College activities, make the most of your time there, make connections with similar minded people, join a discussion group, know what options are available to you, go and get experience working on good farms.

# Teagasc Professional Diploma in Dairy Farm Management

Students attend the Teagasc Animal & Grassland Research and Innovation Centre, Moorepark and nominated Teagasc colleges for the contact element of delivery.

**Aim:** To equip graduates with the knowledge, skills and capabilities for the role of farm manager, partner or owner on commercial dairy farms.

**Programme:** Teagasc Professional Diploma in Dairy Farm Management.

**Duration:** 2 years on-farm professional work experience with 20 course days per year.

**Qualifications:** This programme leads to a Level 7 Professional Diploma in Dairy Farm Management awarded by University College Dublin.

**Entry requirements:** Applicants must possess a Level 6 Advanced Certificate in Agriculture or equivalent major agricultural award. Applicants are shortlisted based on an interview process for entry to the programme.

**Application Process:** Applications are made online through the Teagasc public website: [www.teagasc.ie/agriculture-courses/](http://www.teagasc.ie/agriculture-courses/)

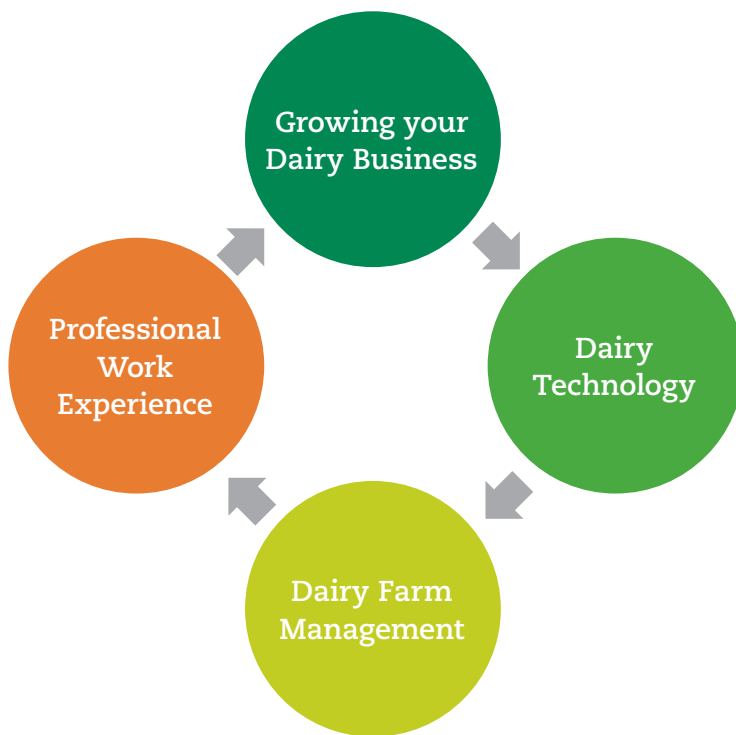


## Content and Structure

- This programme is delivered in an integrated way by Teagasc education, research and knowledge transfer staff with input from guest lecturers including commercial dairy farmers and dairy industry personnel.
- This programme consists of 2 years of paid professional work experience on approved commercial dairy farms.
- The work experience is combined with block periods of Teagasc contact delivery.
- In addition, course discussion group days are held on the participating host farms.
- A maximum of one year is spent on any one farm; learners rotate to a different host farm for Year 2 of the programme. Part of the on-farm professional work experience may be completed abroad, typically in New Zealand, Scotland and Missouri.







### The course content consists of four core areas:

- Growing your Dairy Business
- Professional Work Experience
- Dairy Technology
- Dairy Farm Management

### Transfer and Progression

As the Professional Diploma in Dairy Farm Management is a special purpose award educational transfer options and progression routes are similar to the those for the Level 6 Advanced Certificate in Agriculture graduate.

For more information contact Emma-Louise Coffey by phone 025 42706 or email [emmalouise.coffey@teagasc.ie](mailto:emmalouise.coffey@teagasc.ie)

## Graduate Profile



**Name:** Edel Dunne  
**County:** Waterford

I completed the 2 year **Teagasc Professional Diploma in Dairy Farm Management Course**

The course consisted of lectures plus fulltime work experience, allowing me to put my technical knowledge into practice. I worked on three dairy farms in Ireland (in Tipperary and in Waterford) while also taking the opportunity to travel to New Zealand to work on a 1,000 cow dairy farm. Work experience allowed me to broaden my knowledge and gave me the confidence to take on responsibility to run dairy farms at a high level. Lectures such as strategic management and goal setting really made me think about the future. I refer to this for each big decision I make regarding my career.

I love working outdoors and there is a lot of variety throughout the year. I am currently managing a 160 crossbred dairy herd and plan to invest in dairy stock in the form of heifers or cows which will help me reach my long term goal of owning a herd of dairy cows.

The course offers exposure to the best farmers and researchers in the country and the opportunity to travel abroad which allows huge personal development as well as broadening technical knowledge. The content covered as part of the course is hugely diverse from cow husbandry to running a dairy farm business. I have remained in contact with my placement farmers and contact them for advice from time to time.

# Drystock

This full-time drystock education option is offered at:

Teagasc Ballyhaise College, Co. Cavan

Teagasc Clonakilty College, Co. Cork

Gurteen Agricultural College, Co. Tipperary

Teagasc Kildalton College, Co. Kilkenny

Mountbellew Agricultural College, Co. Galway

Salesian Agricultural College, Pallaskenry, Co Limerick



## Drystock Herd Management

The recommended training for someone seeking a career in the drystock farm sector is to complete the Teagasc Level 5 Certificate in Agriculture Programme & Teagasc Level 6 Advanced Certificate in Agriculture (Drystock Management) Programme

This training will equip the graduate with knowledge, skills and capabilities for a role as a herd – flock manager or farm technician. Graduates of this option may also seek employment opportunities in the broader agri-food sector.

**Duration:** The Level 5 Certificate in Agriculture is one year, and the Level 6 Advanced Certificate in Agriculture (Drystock Management) is one year.

**Qualifications:** These programmes are validated by QQI and successful completion leads to a

- Level 5 Certificate in Agriculture Award (5M20454)
- Level 6 Advanced Certificate in Agriculture (6M20486).

**Entry Requirements:** There is a separate application process for each programme. Applicants to the level 5 Certificate must be 17 years or over on 1<sup>st</sup> January following entry Level 5, and ideally should have completed the senior cycle of second level education. Students must successfully complete the Level 5 Certificate in Agriculture, or equivalent course, to meet the entry requirements for the Advanced Certificate in Agriculture (Drystock Herd Management). Applicants with relevant prior learning and/or life experience will also be considered.

**Application Process:** The initial application should be made for the Teagasc Level 5 Certificate in Agriculture Programme. Applications are made online through the Teagasc public website: [www.teagasc.ie/agriculture-courses/](http://www.teagasc.ie/agriculture-courses/). On successful completion of the Level 5 Certificate in Agriculture, applications can be submitted for the Level 6 Advanced Certificate in Agriculture (Drystock Management).



### Progression

Learners who successfully complete the Advanced Certificate in Agriculture may seek progression opportunities in higher education through the Higher Education Links Scheme. To get full details of the range of Higher Education institutions and programmes available under the scheme, please contact the admissions office of the individual Higher Education institution or visit [www.cao.ie](http://www.cao.ie).

**Advanced entry into higher education:** Holders of a Level 6 Advanced Certificate in Agriculture can apply for advanced entry into certain degree programmes. Places are limited. Additional information can be accessed via the relevant college website.

**Employment:** Graduates of the Advanced Certificate can progress into employment in roles such as herd managers.



## What will you study?

Sample content from the Teagasc Level 5 Certificate in Agriculture programme:

QQI Code	Title	Level	Credits
5N1433	Work Practice	5	15
5N20368	Principles of Agriculture	5	15
5N20371	Farm Safety and Farm Assurance	5	15
5N20374	Soils and the Environment	5	10
5N20377	Farm Business and Technology	5	10
5N20380	Safe Use of Pesticide Products	5	5
5N20388	Beef Husbandry *	5	10
5N20396	Sheep Husbandry *	5	10
5N20399	Grass Production *	5	10
	Electives*	5	20

Sample content from the Teagasc Advanced Certificate in Agriculture (Drystock Management) programme:

QQI Code	Title	Level	Credits
6N1947	Work Practice	6	15
6N20462	Farm Management and Business Planning	6	10
6N20463	Sustainable Farming in the Environment	6	10
6N20464	Sustainable Farm Development	6	15
6N0305	Managing Ruminant Nutrition	6	10
6N3525	Applied Livestock Breeding	6	5
6N20465	Beef Husbandry Management	6	15
6N20472	Grassland Management	6	5
	Electives*	6	35

\*Choice of module will be at the discretion of the college/centre

## Graduate Profile



**Name:** John Kenny  
**County:** Westmeath

When I came to Gurteen I came on my own but I soon gained friends that I now socialise with and talk to most days. Everybody on the course is there because they like farming and so we have things in common.

Work placement was important. It was hands on, and I got to make decisions on another farm and got to learn new ways of doing things so that they can be used on the home farm. Farm walks and discussing new ideas were important as to what works well and what doesn't. The placement also got me out of the routine I practice at home and forced me to try doing things a different way due to been on a different farm.

As part of our course we visited beef and sheep farms every week and got to see lots of different ideas from different farmers. We carried out projects on starting a farm on rented land and this give me an insight into the practicalities and obstacles facing me. We had the opportunity to travel to Scotland with the college in June as part of a study trip. I also got into shearing through classmates and the course given at Gurteen and I now along with 3 of my classmates go contract shearing for the summer. I played Gaelic football and hurling in the college and competed against other colleges.

I hope to start with getting a small flock of sheep and rent land so I can progress on from there. I am considering continuing onto third level education and also looking at job opportunities in trade apprenticeships.

# Crops and Machinery

This full-time Crops and Machinery education option is offered at:

Teagasc Kildalton College, Co. Kilkenny

Gurteen Agricultural College, Co. Tipperary



## Crops and Machinery Management

The recommended training for someone seeking a career in the Crops and Machinery sector is to complete the Teagasc Level 5 Certificate in Agriculture Programme & Teagasc Level 6 Advanced Certificate in Agriculture (Crops & Machinery Management).

This training will provide students with the latest technology, information and management skills necessary for a career in the crop and machinery industry.

**Duration:** The Level 5 Certificate in Agriculture is one year, and the Level 6 Advanced Certificate in Agriculture is one year.

**Qualifications:** These programmes are validated by QQI and successful completion leads to a

- Level 5 Certificate in Agriculture Award (5M20454)
- Level 6 Advanced Certificate in Agriculture (6M20486).

**Entry Requirements:** There is a separate application process for each programme. Applicants to the level 5 Certificate must be 17 years or over on 1<sup>st</sup> January following entry to Level 5, and ideally should have completed the senior cycle of second level education. Applicants must successfully complete the Level 5 Certificate in Agriculture, or equivalent course to meet the entry requirements for the Advanced Certificate in Agriculture (Crops & Machinery Management) programme.

Places on the Level 6 Advanced Certificate in Crops and Machinery may be limited. Applicants will be

required to undergo an interview and a skills assessment. All applicants are required to hold a valid category W driving licence.

**Application Process:** The initial application should be made for the Teagasc Level 5 Certificate in Agriculture Programme. Applications are made online through the Teagasc public website: [www.teagasc.ie/agriculture-courses/](http://www.teagasc.ie/agriculture-courses/).



On successful completion of the Level 5 Certificate in Agriculture, applications can be submitted for the Level 6 Advanced Certificate in Agriculture (Crops and Machinery).

### Progression

On successful completion of the programme students can progress through the higher education links scheme. To get full details of the range of Higher Education institutions and programmes available under the scheme, please contact the admissions office of the individual Higher Education institution or visit [www.cao.ie](http://www.cao.ie).

**Advanced entry into higher education:** Holders of a Level 6 Advanced Certificate in Agriculture can apply for advanced entry into certain degree programmes. Places are limited. Additional information can be accessed via the relevant college website.

**Employment:** Graduates of the Advanced Certificate can progress into employment in the Crops and Machinery sector.

## What will you study?

Sample content from the Teagasc Level 5 Certificate in Agriculture Programme

QQI Code	Title	Level	Credits
5N1433	Work Practice	5	15
5N20368	Principles of Agriculture	5	15
5N20371	Farm Safety and Farm Assurance	5	15
5N20374	Soils and the Environment	5	10
5N20377	Farm Business and Technology	5	10
5N20380	Safe Use of Pesticide Products	5	5
5N20388	Beef Husbandry	5	10
5N20396	Tillage Crop Husbandry	5	10
5N20399	Grass Production *	5	10
	Electives*	5	20

Sample content from the Teagasc Level 6 Advanced Certificate in Agriculture (Crops and Machinery) Programme:

QQI Code	Title	Level	Credits
6N1947	Work Practice	6	15
6N20462	Farm Management and Business Planning	6	10
6N20463	Sustainable Farming in the Environment	6	10
6N20464	Sustainable Farm Development	6	15
6N2242	Production Equipment for Crops	6	15
6N20468	Crop Production Management	6	10
6N20469	Crops Market and Management	6	5
6N2243	Farm Equipment Fabrication	6	10
6N20470	Maintenance of Farm Machinery	6	10
5N20435	Mechanical Pesticide Application	5	5
	Electives		15

\*Choice of module will be at the discretion of the college/centre

### Graduate Profile



**Name:** Louise Carroll  
**County:** Carlow

My name is Louise Carroll from Tullow Co. Carlow. In 2016/17 I completed the Advanced Machinery and Crops course in Kildalton College.

I wanted to do this course in Kildalton because I have a keen interest in machinery and crops coming from a contracting and tillage background at home.

What I loved about the course is how there was so many practical elements involved, especially regarding machinery. We all got to plough and sow ourselves and got to operate different makes and models of tractor and machinery, we also walked crops weekly to monitor for pests and diseases and we got to manage three different crops on our own as a group. The lecturers in this course were always very involved and put in a lot of extra time and effort into each student which was a major help.

I am now confident using a welder and other equipment which I had never used prior to this course. We also learned a lot about machinery maintenance and crops. A highlight of the course for me was the foreign study tour which was to England and visits to machinery manufacturing companies.

Since completing the course in Kildalton I have progressed with my studies and am now completing the BSc in Agriculture in Waterford Institute of Technology.

# Agricultural Mechanisation

This course is offered at:

Teagasc Ballyhaise College, Co. Cavan

Salesian Agricultural College, Pallaskenry, Co. Limerick

Mountbellew Agricultural College, Mountbellew, Co. Galway.



## Agricultural Mechanisation

This training will equip the graduate with the knowledge and skills required for working in the farm machinery industry.

There are two specialist streams offered for this programme in three locations:

In Salesian Agricultural College, Pallaskenry, and Mountbellew Agricultural College, the focus is on preparing the graduate for a career in areas such as an agricultural mechanic, agricultural contracting, fabrication and machinery sales.

In Ballyhaise Agricultural College, there is a focus on Grassland Machinery with students undertaking practical tasks such as reseeding, slurry and fertiliser application. Learners are trained to use technology such as GPS and tractor diagnostics

**Programmes:** The recommended training for someone seeking a career in the Machinery and Mechanisation sector is to complete the Teagasc Teagasc Level 5 Certificate in Agriculture Programme & Teagasc Level 6 Advanced Certificate in Agriculture (Mechanisation)

**Duration:** The Level 5 Certificate in Agriculture is one year, and the Level 6 Advanced Certificate in Agriculture (Mechanisation) is one year.

**Qualifications:** These programmes are validated by QQI and leads to a

- Level 5 Certificate in Agriculture Award (5M20454)
- Level 6 Advanced Certificate in Agriculture (6M20486).

**Entry Requirements:** There is a separate application process for each programme. Applicants to the level 5 Certificate must be 17 years or over on 1<sup>st</sup> January following entry to Level 5, and ideally should have completed the senior cycle of second level education. Applicants must successfully complete the Level 5 Certificate in Agriculture, or equivalent course, to meet the entry requirements for the Advanced Certificate in Agriculture (Mechanisation). Places on the Level 6 Advanced Certificate in Mechanisation may be limited. Where places are limited this course will be offered to applicants following an interview and a skills assessment.

**Application Process:** The initial application should be made for the Teagasc Level 5 Certificate in Agriculture Programme. Applications are made online through the Teagasc public website: [www.teagasc.ie/agriculture-courses/](http://www.teagasc.ie/agriculture-courses/).



### Progression

Progression is available through the higher education links scheme. To get full details of the range of Higher Education institutions and programmes available under the scheme, please contact the admissions office of the individual Higher Education institution or visit [www.cao.ie](http://www.cao.ie).

**Advanced entry into higher education:** Holders of a Level 6 Advanced Certificate in Agriculture can apply for advanced entry into certain degree programmes. Places are limited. Additional information can be accessed via the relevant college website.

**Employment:** Graduates of the Advanced Certificate can progress into employment in roles in the machinery sector.

## What will you study?

Sample content from the Teagasc Level 5 Certificate in Agriculture Programme:

QQI Code	Title	Level	Credits
5N1433	Work Practice	5	15
5N20368	Principles of Agriculture	5	15
5N20371	Farm Safety and Farm Assurance	5	15
5N20374	Soils and the Environment	5	10
5N20377	Farm Business and Technology	5	10
5N20380	Safe Use of Pesticide Products	5	5
5N20388	Beef Husbandry	5	10
5N20399	Grass Production *	5	10
	Electives *	5	30

\*Choice of module will be at the discretion of the college/centre

Indicative content from Teagasc Level 6 Advanced Certificate in Agriculture (Mechanisation) \*

QQI Code	Title	Level	Credits
6N1947	Work Practice	6	15
6N20462	Farm Management and Business Planning	6	10
6N20463	Sustainable Farming in the Environment	6	10
6N20464	Sustainable Farm Development	6	15
6N2243	Farm Equipment Fabrication	6	10
6N20470	Maintenance of Farm Machinery	6	15
6N20475	Mechanical Maintenance of Vehicles	6	15

\* Plus electives which allow for specialisation.

## Graduate Profile



**Name:** Shane Ward

**County:** Birdhill, Co Tipperary

I did the course because of my great interest in machinery and I also wanted to get a qualification in agriculture for farming purposes. We run a machinery business at home so I was naturally drawn to learning more about machinery operation and maintenance. The course has a good balance of theory and practical, for example you could spend the morning welding and the evening learning about the forage harvester. The group sizes were small so when it came to the practicals there was always loads to do and plenty of time to practice new skills.

For my project I bought a Ford 7840 which needed an engine recondition and a lot of work to the front axle. I found this work very beneficial and I now use the skills I learned doing up this tractor every day. The college staff were very helpful and knowledgeable.

I did my Practical Learning Period on the harvest with CWDC harvesting in New Mexico, America. I loved it and would go back some day if I can, it was some experience and I made great friends. Since leaving college I have taken over the family business. We have 10 tipper trucks on the road along with loading shovels and track machines. I do the maintenance on all these machines.



# Adult Green Cert Programmes

Offered at Teagasc Regional Education Centres and Agricultural Colleges



## Part-time

**Aim:** This course, accredited by QQI, is designed for students that are 23 or over, and want to complete the course on a part-time basis.

**Programme:** Teagasc Part-time Green Cert Programme

**Duration:** 2 to 2 ½ years on a part-time basis

**Qualifications:** Level 5 Certificate in Agriculture 5M20454 and Level 6 Specific Purpose in Farming 6S20487.

**Entry Requirements:** Applicants must be 23 years of age or older when starting this programme.

**Application Process:** Enquires should be made locally to Teagasc colleges and centres.

Subsequently applications are made online through the Teagasc public website:

[www.teagasc.ie/agriculture-courses/](http://www.teagasc.ie/agriculture-courses/).



### Progression

Graduates of the course are eligible to progress to a Level 6 Advanced Certificate in Agriculture programme, or apply for entry to linked courses at Institutes of Technology through the Higher Education Links Scheme.

## Graduate Profile



**Name:** Alan McLoughlin  
**County:** Laois

I grew up helping my uncle on a suckler farm in Killeshin, Co. Laois. I am now working in a Farm Partnership with him as well as working a full time off farm job.

I enrolled for the Teagasc Part-time Green Cert programme in the Carlow/Wicklow/Wexford region as it was a short distance to travel and it suited my off farm job to take a day off each week for the course. The course was delivered one day a week which alternated between two locations and facilitated all class members.

It took three years to complete the course with classes running from September to March. We had twelve practical days in Kildalton College and went on numerous farm and business visits.

I found the practical days very good as it gave me a different insight into handling stock and machinery maintenance. This will be of benefit to me in my career going forward.

Every aspect of farming that I needed to know about was covered in the course from Soil Science, Grassland Management and Farm Accounts. One aspect I found excellent was the Profit Monitor. It gave our farm a good indication of where money was being spent and coming in. The profitability of the farm is something I hope to improve over the coming years.

I would encourage anyone who is interested in a future in farming to enrol for the course as it's very enjoyable and you are never too old to learn something new no matter how experienced you are.

# Distance Education

**Aim:** This course has been developed to meet the training requirements of graduates from other non-agricultural award programmes who are interested in farming.

**Programme:** Teagasc Distance Education Green Cert Programme (For Award Holders)

**Duration:** The course extends over a minimum of 15–20 months

**Qualifications:** Level 5 Certificate in Agriculture 5M20454 and Level 6 Specific Purpose Certificate in Farming 6S20487.

**Entry Requirements:** Applicants must be a holder of a Level 6 or higher major award in a non-agricultural discipline. Applicants must also have

continuous access to a commercial farm in the Republic of Ireland (home farm or approved nominated farm) to develop proficiency in farm tasks and complete farm based assignment and projects. They must have access to all farm details including financial details on the nominated farm and are expected to spend time weekly on this farm and be involved in the farm operation and management.

**Application Process:** Applications are made online through the Teagasc public website: [www.teagasc.ie/agriculture-courses/](http://www.teagasc.ie/agriculture-courses/)



## What will you study?

The course content for both the Part-Time and distance Education Green Certificates is the same. The table below gives a sample of what the learner will study.

Sample Content for the Teagasc Part-time and Distance Education Green Cert programmes

QQI Code	Title	Level	Credits
5N1433	Work Practice (home farm)	5	15
5N20368	Principles of Agriculture	5	15
5N20371	Farm Safety and Farm Assurance	5	15
5N20374	Soils and the Environment	5	15
5N20377	Farm Business and Technology	5	10
5N20380	Safe Use of Pesticide Products	5	5
	Personal Development module*	5	15
	Electives*	5	30
6N1947	Work Practice (Home Farm)	6	15
6N3005	Farm Performance Measurement	6	5
6N20462	Farm Management and Business Planning	6	10
6N20463	Sustainable Farming in the Environment	6	10
6N3525/ 6N20472/ 6N20468	(Applied Livestock Breeding & Grassland Management) or (Crop Production Management)	6	10

\*Choice of module will be at the discretion of the college/centre

Involves classroom and practical instruction and remote learning.

## Graduate Profile



**Name:** Justin Deegan  
**County:** Kildare

**Current Occupation:** Engineer and part-time farmer

**Course Location:** Distance Education Green Cert in Teagasc, Grange

The most enjoyable thing about the course, I find, is meeting other young farmers. Although it is only one day per month, meeting fellow young farmers and sharing stories, experiences and farming interests, for me, is the best part.

For my situation, which is weanling to store and weanling to beef through a summer grazing system, the most important aspects would be grassland management, animal health and animal performance.

My next step will hopefully be to improve farm infrastructure and be as efficient and profitable as possible. I would advise anyone to go for it, farming isn't something you do because it suits, you do it because you enjoy it and are interested in it. If you're lucky enough to be able to develop a career in farming and want to do it, get educated as much as you can and do it.

# Horticulture

This course is currently provided at two Teagasc horticultural colleges:

College of Amenity Horticulture,  
National Botanic Gardens

Kildalton College, Piltown, Co. Kilkenny



## Level 5 Certificate in Horticulture

**Aim:** This course will equip the graduate with the skills, knowledge required to start a career in horticulture or to progress on to a higher level horticultural course.

**Duration:** 1 years (full-time) September to May.

**Qualifications:** This programme is validated by the QQI and leads to a major award Level 5 Certificate in Horticulture (5M2586).

**Entry Requirements:** Applicants must be 17 years old or over on 1<sup>st</sup> January following entry to Level 5, and ideally should have completed the senior cycle of second level education.

**Application Process:** Candidates can apply through the Teagasc public website:  
[www.teagasc.ie/horticulture-courses](http://www.teagasc.ie/horticulture-courses)

**Progression:** Students that complete the Level 5 in Horticulture have the option to progress to a Level 6 Advanced Certificate in Horticulture.

## Level 6 Advanced Certificate in Horticulture

**Aim:** To equip the graduate for a career in horticulture or to further develop knowledge and skills. There are various job opportunities in the business and service sectors of the horticultural industry for skilled graduates as technicians, supervisors or managers. There are also opportunities to progress to higher education programmes through the Higher Education Links Scheme.

**Duration:** 1 year (full-time)

**Qualifications:** This programme is validated by the QQI and leads to a major award Level 6 Advanced Certificate in Horticulture (6M4334).

**Entry Requirements:** Students who have successfully completed the Level 5 Certificate in Horticulture are eligible to apply for a Level 6. Applicants with relevant prior learning and/or life experience will also be considered.

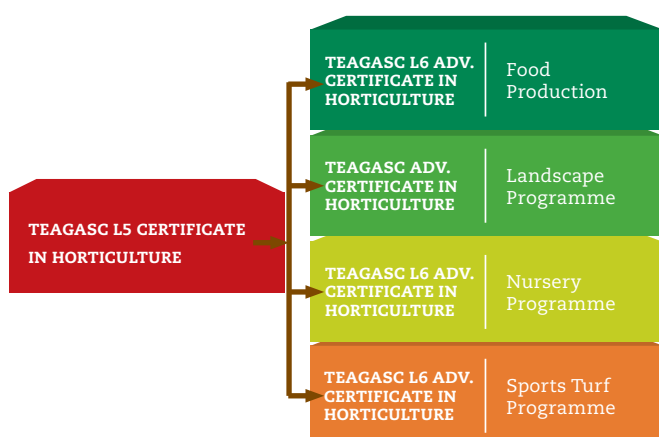
**Application Process:** Candidates can apply through the Teagasc public website:  
[www.teagasc.ie/horticulture-courses](http://www.teagasc.ie/horticulture-courses)



**Progression:** Students can progress to the BSc Horticulture offered by Waterford IT ([www.wit.ie](http://www.wit.ie)) subject to meeting requirements. Applicants should check this process with the relevant Institute/University.

There may be other opportunities via the higher education links scheme. More detail is available on [www.cao.ie](http://www.cao.ie).

**Employment:** Many graduates progress into employment in the horticulture industry.



## What will you study?

### Sample content from the Teagasc Level 5 Certificate in Horticulture Programme

QQI Code	Title	Level	Credits
5N1433	Work Practice	5	15
5N2546	Plant Protection	5	15
5N2528	Plant Science	5	10
5N2527	Plant Identification and Use	5	10
5N2530	Soil Science and Growing Media	5	10
	Personal Development module*	5	15
	Wide range of elective modules*	5	45

### Sample content from the Teagasc Level 6 Advanced Certificate in Horticulture (Food Production) Programme

QQI Code	Title	Level	Credits
6N3614	Market Gardening	6	30
6N3621	Organic Crop Production <b>or</b>	6	30
6N3623	Horticultural Production Mechanisation		
	Personal Development module*	6	15
	Electives*	6	15

### Sample content for Teagasc Level 6 Advanced Certificate in Horticulture (Landscaping) Programme

QQI Code	Title	Level	Credits
6N3620	Landscape Design and Construction	6	30
6N3607	*Garden and Parks Supervision <b>or</b>	6	30
6N3623	Horticultural Production Mechanisation		
	Personal Development module*	5	15
	Elective modules*	6	45

### Sample content for Teagasc Level 6 Advanced Certificate in Horticulture (Nursery) Programme

QQI Code	Title	Level	Credits
6N3610	Nursery Stock Production	6	30
6N3609	*Garden Centre Operations <b>or</b>	6	30
6N3623	Horticultural Production Mechanisation		
	Personal Development module*	6	30
	Elective modules*	6	30

### Sample content for Teagasc Level 6 Advanced Certificate in Horticulture (Sports Turf) Programme

QQI Code	Title	Level	Credits
6N3622	Sports Turf Science and Maintenance	6	30
6N3607	*Garden and Parks Supervision <b>or</b>	6	30
6N3623	Horticultural Production Mechanisation		
	Personal Development module*	6	30
	Elective modules*	5	30

\*Choice of module will be at the discretion of the college/centre



## Short Duration Courses

Students who do not wish to pursue a full-time horticultural programme with Teagasc can opt to complete a single module or a number of modules on a part-time basis where available. Examples of modules available are listed below. Please contact Teagasc College of Amenity Horticulture, National Botanic Gardens or Teagasc College of Horticulture, Kildalton College for further information.

### Plant Identification & Use (Level 5 Component Award – QQI 5N2527)

Students will acquire the knowledge, skills and competence to identify a wide range of plants, their characteristics and use in different horticultural situations. A plant portfolio will be completed as part of the assessment.

### Horticulture Mechanisation (Level 5 Component Award – QQI 5N2527)

The course will equip students with the knowledge, skills and competence to operate and maintain a range of hand and powered horticultural machinery and implements. It is designed for people who wish to further their knowledge and experience of the safe use and maintenance of a wide range of hand and pedestrian operated equipment used in the horticultural sector.

### Fruit and Vegetable Production (Level 5 Component Award – QQI 5N2552)

This course is for anyone who wants to deepen their knowledge of the production of food crops, or for those with a general interest in horticulture. Students will be taught the skills to grow and manage a wide variety of fruit and vegetables across all seasons.

### Landscape Construction & Maintenance (Level 5 Component Award – QQI 5N1908)

Learn how to construct and maintain hard and soft landscape features. Suitable for those interested in planning and building gardens and care of plants. It is suitable for those interested in pursuing a career in the landscape sector.

### Plant Propagation (Level 5 Component Award – QQI 5N2547)

Students will be taught the propagation of a wide range of plants. This course outlines the principles of division, layering & grafting. Learn to take a range of cuttings and carry out bench grafting amongst other things.

### Plant Protection (Level 5 Component Award – QQI 5N2546)

Learn how to protect plants and horticultural crops from the harmful effects of weeds, pests and diseases, and to select appropriate safe and sustainable control measures. Designed for anyone involved in the management and care of plants.

## Graduate Profile



**Name:** Sarah Simpson  
**County:** Dublin

### **Course:** Level 6 Advanced Certificate in Horticulture

My name is Sarah Simpson and I studied in the Teagasc College of Amenity Horticulture for 3 years, from 2018-2021. First I completed a Level 5 in Horticulture then Level 6 Advanced Certificate specialising in Landscape Design and Construction, which I did part time over two years.

I live in Dublin and am working as a horticulturist in the sales team at Tully Nurseries in Lusk, North County Dublin. The thing I enjoy most about my job is how creative it allows me to be. I get to put together displays of plants and cut flower arrangements and also get to help customers put together planting plans. The planting schemes can be for anything from a small planter in a back garden, right through to large areas in public parks. My plant knowledge has increased a hundred-fold since starting at the nursery.

I have no plans to move on from Tully's as it is a wonderful place to work, and I am learning so much. I do plan to start my own landscape design company in the future, hopefully specialising in sustainable and ecologically friendly design and maintenance.

### Ecology & the Environment (Level 6 Component Award – QQI 6N3624)

This course is designed for those currently employed in any area of horticulture who would like to deepen their scientific and applied knowledge in the area of ecology & environment. The student will learn how to assist in the management of the natural environment.

### Garden Centre Operations (Level 6 Component Award – QQI 6N3609)

A course for those employed in the sector and wish to deepen their knowledge of the retailing of plants and associated products. The Nursery Stock Production course would be complementary to this course.

### Landscape Design & Construction (Level 6 Component Award – QQI 6N3620)

For those already employed in the landscape sector, this course will provide you with the knowledge to plan a landscape project and to take that plan to the design, specification, and construction stage. The course will help develop a better understanding of design principles of gardens, and how a range of garden features are constructed.

### Market Gardening (Level 6 Component Award – QQI 6N3610)

This course is aimed at those employed in the area of fruit and vegetable production, market gardening, as well as garden centre staff who need to answer questions from customers on all aspects of fruit and vegetable production. This course delivers the skills to plan and implement a production programme for a full range of fruit and vegetable crops.

### Nursery Stock Production (Level 6 Component Award – QQI 6N3610)

This course is designed for those working in the sector who wish to deepen their scientific and applied knowledge of professional plant propagation. Students will learn to perform operations in a nursery stock plant production unit.

### Sportsturf Science and Maintenance Level 6 Component Award – QQI 6N3623)

For those already employed in the sportsturf management, in particular golf courses, sports fields/pitches, equestrian or any other facility using natural turf. The course will equip students with the knowledge to manage all the factors that influence the development, quality and maintenance of sportsturf in Ireland.

### Tree and Shrub Management (Level 6 Component Award – QQI 6N3624)

This course is designed for those employed in a sector where selection, establishment and care of trees and shrubs is part of their role. It is suitable for those working in parks or garden management, nurseries, garden centres, or sportsturf facilities. Students learn about planning and maintenance of trees and shrubs.

### Garden and Parks Supervision (Level 6 Component Award – QQI 6N3607)

This course is designed to equip the learner with the knowledge, skills and competence to supervise amenity areas such as parks and gardens. This course is suited to people who are currently pursuing careers in the amenity horticulture sector.

## Graduate Profile



**Name:** Oliver Campbell  
**County:** Meath

**Current Position:** Greenskeeper Headford Golf Course

**Course Completed:** Level 5 Certificate in Horticulture, Kildalton College.

I love working on golf courses because it's outdoors, and very practical. I also get the opportunity to work with the latest equipment and technology advancement especially in irrigation.

The most useful parts of the course for me were plant science, and work experience placement. Through plant science and plant protection I got to know common diseases and pests. Work experience was the key to where I am today because it was during my work experience that I knew I wanted to work in turf industry. My time at Kildalton College helped me to get the experience and confidence I needed to go on the Ohio International training programme to train for 12 months on world class PGA golf courses.

I would advise anyone wishing to pursue a career in this area to complete this course as you have a wide variety of modules which are very beneficial to all areas in the horticulture industry. Practical training each day is also a very attractive aspect of course.

# Equine

Teagasc Kildalton College,  
Piltown, Co Kilkenny.



## Horsemanship / Equitation

Teagasc full-time Equine education and training caters for the sport horse industry.

### Sport Horse Industry

The sport horse industry contributes more than €816 million directly/indirectly to the Irish economy each year, employing close to 14,000 directly and indirectly. Sport horse career opportunities include yard manager, competition rider, groom, breaking and training, coach, sales prep, and self – employed ventures such as equine tourism. In addition there are a number of career opportunities in supporting or service provider roles.

This training will equip the learner with the knowledge and skills for employment opportunities in the industry. This course aims to provide students with knowledge and skills relating to riding, breaking and training horses, preparation for sale, and encourage students towards Horse Sport Ireland and British Horse Society riding and coaching qualifications.

**Programmes:** The recommended training for someone seeking a career in equitation is to complete the Teagasc Level 5 Certificate in Horsemanship (Equitation) and Teagasc Level 6 Advanced Certificate in Horsemanship (Equitation).

**Duration:** The Level 5 Certificate in Horsemanship (Equitation) is one year, and the Level 6 Advanced Certificate in Horsemanship (Equitation) is one year.

**Qualifications:** These programmes are validated by QQI and successful completion leads to a

- Level 5 Certificate in Horsemanship Award (5M3371)
- Level 6 Advanced Certificate in Horsemanship (6M3505)

**Entry Requirements:** There is a separate application process for each programme. Applicants to the Level 5 must be 17 years old or over on 1<sup>st</sup> January following entry, and ideally should have completed the senior cycle of second level education. Applicants must undergo an interview and practical riding assessment as part of the application process. Students with an equivalent qualification may apply for entry to Level 6 programme. This process to apply for Level 6 also includes an interview and riding assessment.

**Application Process:** The initial application should be made for Teagasc Level 5 Certificate in Horsemanship (Equitation) Programme. Apply online through the Teagasc public website: [www.teagasc.ie/equine-courses/](http://www.teagasc.ie/equine-courses/)



### Transfer and Progression

- Students with this Level 5 award may apply to a Level 6 Advanced Certificate in Horsemanship (Equitation).
- Progression may be possible through the Higher Education Links scheme. Check [www.cao.ie](http://www.cao.ie), or contact the relevant higher education institute for further information.

**Employment:** Graduates of the Advanced Certificate can progress into employment in the industry.

## What will you study?

### Sample content for the Teagasc Level 5 Certificate in Horsemanship (Equitation) Programme

QQI Code	Title	Level	Credits
5N3355	Stable and Yard Routine	5	30
5N1433	Work Practice (to include some weekend duties)	5	15
5N0690	Communications	5	15
<b>Plus 60 credits from the following electives*</b>			
5N3359	Sport Horse Riding Elective	5	30
5N3357	Young Horse Training Techniques Elective	5	30
5N3360	Anatomy and Physiology Elective	5	15
5N3362	Sport Horse Riding Instruction Elective	5	30
5N3364	Horse Breeding Elective	5	15

\*Choice of module will be at the discretion of the college/centre

### Sample content for the Teagasc Level 6 Advanced Certificate in Horsemanship (Equitation) Programme

QQI Code	Title	Level	Credits
6N3481	Sport Horse Riding	6	30
6N1947	Work Practice	6	15
6N3403	Young Horse Training and Breaking	6	30
AE005	Equine Business	6	15
AE009	Equine Coaching	6	30
LP001	Leadership	6	30

\*Choice of module will be at the discretion of the college/centre

## Graduate Profile



**Name:** Adam Benson Byrne  
**County:** Wicklow

I heard about the horsemanship course in Kildalton College from a past pupil who was carrying out their work placement on our yard at home. I wanted to become a professional rider and the course at Kildalton ticked all the boxes for me.

Kildalton was a solid grounding for me to develop my skills in breaking, training and competing young horses. I really enjoyed how 'hands on' the course was, being on the yard every morning and riding daily.

I am currently a Riding Officer in the Army Equitation School. It is an honour to be working and training alongside international riders and top class Irish Sport Horses. I am hoping to establish myself here and start competing successfully in the future. My advice for anyone starting out in the industry is to work hard and never give up.





## Stud Management

Teagasc, Kildalton College, Piltown, Co. Kilkenny. Students attend Kildalton College for course work prior to completing a practical learning period on some of the best stud farms in Ireland.

### Stud Management Industry

The Irish thoroughbred industry contributes an estimated €1.9 billion to the economy and close to 29,000 direct and indirect jobs. Stud management career opportunities include stud hand, head person, barn manager, foaling manager, sales preparation manager, assistant stud farm manager, bloodstock agent, pinhooker and stallion handler.

This training will equip the learner with the knowledge and skills to find employment in responsible positions in the equine industry, gaining experience in breeding, young stock production and the management of an equine enterprise.

There are a number of career opportunities in supporting or service provider roles. There are good employment opportunities in the industry in Ireland and internationally, including work on stud farms, training yards and other equestrian enterprises. Former students have found employment in the UK, USA, Japan & Australia.

**Programmes:** Teagasc Level 5 Certificate in Horsemanship (Stud) & Teagasc Level 6 Advanced Certificate in Stud Management programmes

**Duration:** The Level 5 Certificate in Horsemanship (stud) is one year, and the Level 6 Advanced Certificate in Stud Management is one year.

**Qualifications:** These programmes are validated by QQI and successful completion leads to a

- Level 5 Certificate in Horsemanship Award (5M3371)
- Level 6 Advanced Certificate in Equine Breeding (6M3507)

**Entry Requirements:** There is a separate application process for each programme. Applicants to the level 5 Certificate must be 17 years old or over on 1<sup>st</sup> January following entry to Level 5, and ideally should have completed the senior cycle of second level education.

Applicants must successfully complete Level 5 to apply for Level 6. Applicants who seek to enter Level 6 with an equivalent Level 5 qualification must undergo the Teagasc RPL (Recognition of Prior Learning) process.

**Application Process:** The initial application should be made for Teagasc Level 5 Certificate in Horsemanship Programme. Apply online through the Teagasc public website: [www.teagasc.ie/equine-courses/](http://www.teagasc.ie/equine-courses/)



## Progression

Students with this Level 5 award may apply to the Teagasc Level 6 Advanced Certificate in Stud Management programme. Progression to a higher education course may be possible through the higher education links scheme. Check [www.cao.ie](http://www.cao.ie) or contact the relevant higher education institute for further information. Graduates of the Advanced Certificate progress into employment in the industry.

## What will you study?

### Sample Content for Teagasc Level 5 Certificate in Horsemanship (Stud Management) Programme

QQI Code	Title	Level	Credits
5N3355	Stable and Yard Routine	5	30
5N1433	Work Practice	5	15
5N0690	Communications	5	15
<b>Plus 60 credits from the following electives</b>			
5N3357	Young Horse Training Techniques Elective	5	30
5N3360	Anatomy and Physiology Elective	5	15
5N3364	Horse Breeding Elective	5	15

### Sample content for Teagasc Level 6 Advanced Certificate in Stud Management Programme

QQI Code	Title	Level	Credits
6N3482	Horse Breeding (Stud Mgt)	6	30
6N3483	Pasture Management Stud	6	15
6N1947	Work Practice (Stud Mgt)	6	15
6N3389	Conformation and Evaluation*	6	15
6N3388	Anatomy and Physiology*	6	15
LP001	Leadership	6	30
AE005	Equine Business	6	15

\*Choice of module will be at the discretion of the college/centre

## Graduate Profile



**Name:** Donnacha Touhy

My name is Donnacha Tuohy, and I work with Ciaran Conroy of Glenvale Stud.

During my time in Kildalton, I started on the riding course and then changed to the stud management course in second year, which turned out to be a great move for me.

Placement was organised for me with Ciaran Conroy which gave me incredible experience and a leg up into the industry. Ciaran gave me a brilliant insight into stud work and encouraged me to travel.

When I finished my studies in Kildalton I went to Ashford Stud in Kentucky. From there I spent a season in Coolmore Australia prepping yearlings for the magic millions and Ingles yearling sales. Both places gave me fantastic experience and great opportunities.

On my return, I took up a full time role with Ciaran Conroy which is exciting, and I am continuing to learn, and add to my experience.

Kildalton was a course I would strongly recommend, as it taught me a lot about horsemanship and opened up employment opportunities in the industry.

# Forestry

The course is offered at:  
Ballyhaise Agricultural College, Co. Cavan.



## Forestry Programme

**Programmes:** The recommended training for someone seeking a career in the forestry sector is to complete the Teagasc Level 5 Certificate in Forestry & Level 6 Advanced Certificate in Forestry.

This training will equip graduates with the knowledge skills and capabilities to take up employment in the forestry industry as forest supervisors or self – employed contractors. To provide graduates with progression routes to forestry higher education.

**Duration:** The Level 5 Certificate in Forestry is one year, and the Level 6 Advanced Certificate in Forestry is one year.

**Qualifications:** These programmes are validated by QQI and successful completion leads to a

- Level 5 Certificate in Forestry (5M3425)
- Level 6 Advanced Certificate in Forestry (6M4337).

**Entry Requirements:** There is a separate application process for each programme. Applicants to the Level 5 Certificate in Forestry must be over 17 years on 1<sup>st</sup> January following entry to the Level 5 course, and ideally should have completed the senior cycle of second level education. Mature students are welcome.

Students who have completed the Level 5 Certificate in Forestry are eligible to apply for the Level 6 advanced programme. Selection for places is by interview.

**Application Process:** The initial application should be made for Teagasc Level 5 Certificate in Forestry Programme. Apply online through the Teagasc public website:  
[www.teagasc.ie/forestry-courses/](http://www.teagasc.ie/forestry-courses/)



### Progression

Students with the Level 5 Certificate in Forestry Programme can progress to the Level 6 Advanced Certificate in Forestry. Progression is also available through the higher education links scheme and advanced entry to BSc in Forestry at W.I.T. subject to meeting requirements. Please contact the relevant higher education institute for further information.

**Employment:** Graduates of the Advanced Certificate progress into employment or self employment in the industry.

## What will you study?

### Sample content from the Teagasc Level 5 Certificate in Forestry Programme

QQI Code	Title	Level	Credits
5N3396	Forest Safety	5	15
5N3397	Silviculture	5	15
5N1433	Work Practice	5	15
	Self Development Module	5	15
	Electives*	5	15
Minimum of 45 credits from the following*:			
5N3399	Forest Calculations	5	15
5N3399	Forest Development	5	15
5N3398	Sustainable Forestry	5	15

### Sample content from the Teagasc Level 6 Advanced Certificate in Forestry Programme

QQI Code	Title	Level	Credits
6N1947	Work Practice	6	15
6N4265	Forest Management	6	30
6N3408	Forest Establishment	6	30
	Personal Development module*	6	15
	Electives*	6	30

\*Choice of module will be at the discretion of the college/centre

## Graduate Profile



**Name:** Richard Cassidy  
**County:** Monaghan

**Course completed and location/centre** Level 6 Advanced Certificate in Forestry, Ballyhaise College

I am a self-employed forestry, tree care and grounds operative. I enjoy the variety of work and flexibility with time if you organise yourself around jobs. The course was practical and hands on training and has given me a greater understanding of the course content. The business management module enabled me to get support starting my own enterprise. At present I am still building a pipeline of customers and find that work is season related, but overall I am happy with the flexibility and lifestyle this career path have given me the opportunity to discover.

My work experience at Level 5 and Level 6 led to me to being able to price and to tender for contracts when setting up my own business. While this area of work can be hard at times the overall achievement is worth it. You need patience, teamwork and flexibility.



# Pig Management

The course is offered at:

Ballyhaise Agricultural College or Clonakilty Agricultural College in conjunction with the Teagasc Pig Development Department subject to demand.



## Pig Management

This training will equip graduates with the knowledge, skills and capability to carry out key pig husbandry activities and manage a pig enterprise.

**Programmes:** Level 5 Certificate in Agriculture (Pig Production) & Level 6 Advanced Certificate in Agriculture (Pig Management). Students may also avail of the option to complete the technical modules in Pig Production on a part time basis. They will receive Component Awards for each module which can be used to build up to a full award.

**Duration:** 2 ½ years (typically on a part-time basis – contact the college to confirm)

**Qualifications:** These programmes are validated by QQI and successful completion leads to

- Level 5 Certificate in Agriculture Award (5M20454)
- Level 6 Advanced Certificate in Agriculture (6M20486)

**Entry Requirements:** There is a separate application process for each programme. Applicants to the Level 5 Certificate must be 17 years old or over on 1<sup>st</sup>

January following entry to the course, and ideally should have completed the senior cycle of second level education. Applicants for the Level 6 programme must have successfully completed the Level 5 Certificate in Agriculture (Pig Production) programme.

**Application Process:** The initial application should be made for the Teagasc Level 5 Certificate in Agriculture (Pig Production) Programme. Apply online through the Teagasc public website:  
[www.teagasc.ie/agriculture-courses](http://www.teagasc.ie/agriculture-courses)



### Progression

This course may provide entry to other programmes via the higher links education scheme. Contact the relevant institution, or [www.cao.ie](http://www.cao.ie) for more detail.

**Employment:** Graduates progress into employment or self employment in the industry.

## What will you study?

### Sample content for the Teagasc Level 5 Certificate in Agriculture (Pig Production) Programme

Code	Title	NFQ Level	Credit Value
5N20368	Principles of Agriculture	5	15
5N20371	Farm Safety and Farm Assurance	5	15
5N20374	Soils and the Environment	5	10
5N20377	Farm Business and Technology	5	10
5N20380	Safe Use of Pesticide Products	5	5
5N20393	Pig Husbandry	5	10
5N20411	Nutrition Housing and Welfare of Pigs	5	10
5N20444	Pig Manure Handling	5	5
5N20457	Pig Industry Structure	5	5
5N1433	Work Practice	5	15
	Self Development module	5	15
	Electives	5	5

### Sample content for the Teagasc Level 6 Advanced Certificate in Agriculture (Pig Management) Programme

Code	Title	NFQ Level	Credit Value
6N20462	Farm Management and Business Planning	6	10
6N20463	Sustainable Farming in the Environment	6	10
6N20464	Sustainable Farm Development (Capstone)	6	15
6N20467	Pig Husbandry Management	6	15
6N20478	Managing Pig Nutrition	6	10
6N20479	Pig Equipment Management	6	10
6N20480	Applied Pig Reproduction	6	10
6N1947	Work Practice	6	15
	Personal Development Module *	6	15

\*Choice of module will be at the discretion of the college/centre

## Graduate Profile



**Name:** James Bogue  
**County:** Cavan

I enjoy working in an environment where performance results can be improved due to new technologies, practices or genetics. From the course I found that the principles of farm administration and finance very helpful as I developed my role in managing the pig unit. We need to keep detailed accounts and complete feasibility study plans in the pig business.

We have just completed the expansion of the pig business so my immediate goal is to consolidate and continue to improve performance in the unit through improvements in breeding and nutrition.

I would advise young people who hope to work in the farming sector to participate in the available Teagasc courses before commencing their careers. My three brothers also completed the "Green Cert" course in Ballyhaise and are now involved in our home farm along with a number of other graduates of Teagasc Ballyhaise who are employed on our farm and feed mill.

Even though I had a lot of practical experience from my home farm I found that this was a great opportunity to go away and learn different ways of doing things. The host farmer was a very good manager and I picked up some good management practices from him during the 12 weeks. Working for a different employer gave me valuable experience of employment which has been useful now that I am managing staff on my own unit.

# Poultry Management

Ballyhaise Agricultural College



## Poultry Management

This training will equip graduates with the knowledge, skill and capabilities to carry out key poultry husbandry activities and manage a poultry enterprise.

**Programmes:** Level 5 Certificate in Agriculture (Poultry Production) and Level 6 Advanced Certificate in Agriculture (Poultry Husbandry Management). Students may also avail of the option to complete the technical modules in Poultry Production on a part time basis. They will receive Component Awards for each module which can be used to build up to a full award.

**Duration:** 2 ½ years (typically on a part-time basis – contact the college to confirm)

**Qualifications:** These programmes are validated by QQI and successful completion of the full programmes leads to a

- Level 5 Certificate in Agriculture Award (5M20454)
- Level 6 Advanced Certificate in Agriculture (6M20486).

**Entry Requirements:** There is a separate application process for each programme. Applicants to the Level 5 Certificate must be 17 years old or over on 1<sup>st</sup> January following entry to the course, and ideally should have completed the senior cycle of second level education. Applicants for the Level 6 programme must have successfully completed the Level 5 Certificate in Agriculture programme.

**Application Process:** The initial application should be made for the Teagasc Level 5 Certificate in Agriculture (Poultry Production). Contact the college for more detail including start up dates.

Apply online through the Teagasc public website: [www.teagasc.ie/agriculture-courses](http://www.teagasc.ie/agriculture-courses)



### Progression

This course may provide entry to other programmes via the higher links education scheme. Check [www.cao.ie](http://www.cao.ie) or contact the relevant institution.

### Short Duration Courses

Short duration courses in poultry production and management may be offered at Teagasc Ballyhaise subject to sufficient demand. Contact the college for more detail.

**Employment:** Graduates progress into employment or self employment in the industry.

## What will you study?

### Sample content for the Teagasc Level 5 Certificate in Agriculture (Poultry Production) Programme

Code	Title	Level	Credit Value
5N20368	Principles of Agriculture	5	15
5N20371	Farm Safety and Farm Assurance	5	15
5N20374	Soils and the Environment	5	10
5N20377	Farm Business and Technology	5	10
5N20380	Safe Use of Pesticide Products	5	5
5N20414	Poultry Husbandry	5	10
5N20417	Poultry Nutrition Housing and Welfare	5	10
5N20447	Poultry Manure Handling	5	5
5N20450	Flock Recording in Poultry Production	5	5
5N0690	Personal Development Module *	5	15
5N20423	Organic Farming Principles	5	5
5N20438	Manual Pesticide Application	5	5
5N1433	Work Practice	5	15

### Sample content for the Teagasc Level 6 Advanced Certificate in Agriculture (Poultry Management) Programme

Code	Title	Level	Credit Value
6N1947	Work Practice	6	15
6N20462	Farm Management and Business Planning	6	10
6N20463	Sustainable Farming in the Environment	6	10
6N20464	Sustainable Farm Development	6	15
6N20481	Managing Poultry Nutrition	6	10
6N20482	Poultry Equipment Management	6	10
6N20483	Poultry Management	6	15
6N20484	Applied Poultry Reproduction	6	10
	Personal Development Modules *	6	30

\*Choice of module will be at the discretion of the college/centre

## Career Profile



**Name:** Michael Duffy  
**County:** Monaghan

I am a full time poultry farmer looking after a broiler production system supplying Manor Farm Chickens. I previously worked as a Poultry Advisor with Teagasc Ballyhaise Co. Cavan. The job involved Research, Education and Advisory, so there was a great variety of activities. I still have an involvement in the delivery of some education programmes.

I did not get the opportunity to go to college after completing my Leaving Cert, so I applied as a mature student. I completed the Bachelor of Science in Sustainable Agriculture (Level 8) in Dundalk Institute of Technology and Teagasc Ballyhaise College. I found the work experience in my course very beneficial, as I gained enormous experience in all aspects of poultry production relevant to my business.

There are many different career options within the poultry industry, it is so diverse with great opportunities in the private and public sector. As the industry continues to evolve and embrace new technologies there will be lots of opportunities to carve out a very rewarding career.



# HIGHER EDUCATION OPPORTUNITIES



## Higher Education Opportunities

The Higher Education Links Scheme enables holders of Further Education awards to apply for a quota of higher education courses. Specific further education courses are linked with specific higher education courses. Applicants for a higher education course, covered by the Scheme, are made through the standard CAO form. Applicants should check details of the Higher Education Links scheme with the relevant Institute of Technology/University. Graduates of Teagasc further education may be eligible for advanced entry to Teagasc linked higher education courses subject to conditions and criteria of the partner higher education institution.

This section lists and gives a brief description of the higher education courses that Teagasc has a substantial involvement in.

### Teagasc Higher Education Partnerships

This section profiles the partnership in place between Teagasc and the relevant Institute of Technology or University.

Teagasc has had a longstanding and substantial involvement in higher education provision. Teagasc is an education partner of the Munster Technological University (Cork and Kerry), DKIT, GMIT, LIT, WIT, UCD and UCC. Teagasc also supports the delivery of the Institute of Technology Carlow agricultural degree programme. Teagasc's unique role as a research, knowledge transfer and education provider brings an added dimension to higher agricultural education in Ireland.

There is a wide range of higher-level programmes for the land-based sector available through the Central Applications Office (CAO).

Many of these courses are conducted jointly between Teagasc and higher level institutions which allows students access to the best core competencies of each of the partner institutions.

Direct recruitment to the courses is through the CAO system with a number of places reserved for mature students and holders of designated further education awards.

There are also a number of advanced entry routes which allow Teagasc students to progress from further education into second year of certain higher level programmes. Places are limited and students make applications directly to higher level institutions. Additional information can be obtained on relevant websites.

Listed overleaf are the higher education courses where Teagasc colleges and private colleges partner with higher education institutions.

# Higher education courses with a substantial Teagasc input

## Agriculture

### Munster Technological University - Cork

Bachelor of Science (Agriculture)	CR010
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### Dundalk Institute of Technology

Bachelor of Science (Honours) in Sustainable Agriculture/ Agri-Food Production	DK882
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### Galway-Mayo Institute of Technology

Bachelor of Business in Rural Enterprise and Agri Business	GA172
Bachelor of Science in Agriculture and Environmental Management	GA777
Bachelor of Engineering in Agricultural Engineering	GA675
Bachelor of Business (Honours) in Rural Enterprise and Agri-Business	GA187
Bachelor of Science (Honours) in Agriculture and Environmental Management	GA789
Bachelor of Engineering (Honours) in Agricultural Engineering	GA683

### Limerick Institute of Technology

Higher Certificate in Engineering in Agricultural Mechanisation	LC284
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### Munster Technological University - Kerry

Bachelor of Science in Agricultural Science	TL748
Bachelor of Science (Honours) in Agricultural Science	TL848

### Waterford Institute of Technology

Bachelor of Science (Honours) in Agricultural Science	WD191
Bachelor of Science (Honours) in Agriculture	WD126
Bachelor of Science (Honours) in Land Management in Agriculture	WD156

### University College Dublin

Bachelor of Agricultural Science (Honours) in Dairy Business	DN252
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### University College Cork

Bachelor of Agricultural Science (Honours)	CK412
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## Horticulture

### Waterford Institute of Technology

Bachelor of Science Horticulture (Kildalton College)	WD096
Bachelor of Science Horticulture (National Botanic Gardens)	WD097

## Forestry

### Waterford Institute of Technology

Bachelor of Science in Forestry	WD076
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\* Please note: Applicants presenting Level 5 or Level 6 major awards to gain entry to courses in Higher Education Institutes must consult with the Higher Education Institute, and the CAO website, for information on the admission process and for details of any entry requirements.

## Teagasc Clonakilty Agricultural College Munster Technological University - Cork

Munster Technological University and Teagasc partner to deliver the Level 7 Agriculture BSc (CR010) and the Level 8 Bachelor of Science (Agriculture) Honours (CR\_BAGRI\_8) degrees in the Cork Campus. Students attend at both the MTU Campus (Cork) and Clonakilty Agricultural College, Co. Cork throughout the programmes.

### Courses Available

#### Bachelor of Science in Agriculture (Level 7)

<b>Course Duration:</b>	Three Years
<b>Awarding Body:</b>	Munster Technological University - Cork
<b>Course Code:</b>	CR010
<b>Location:</b>	Clonakilty Agricultural College and Munster Technological University - Cork
<b>Application:</b>	CAO
<b>Maintenance Grant:</b>	Apply through SUSI (Means Tested)
<b>Progression:</b>	Graduates can progress to the one year add-on Level 8 Agriculture honours degree (CR_BAGRI_8)

 More detail including course content and contacts can be found via [www.mtu.ie](http://www.mtu.ie)

## Teagasc Clonakilty Agricultural College Munster Technological University - Kerry

Munster Technological University and Teagasc partner to deliver the Level 8 Bachelor of Science (Honours) in Agricultural Science (TL848) in the Kerry Campus in Tralee. Students on all these degrees attend at both the MTU Campus (Kerry) and Clonakilty Agricultural College, Co. Cork throughout the programmes.

### Courses Available

#### Bachelor of Science in Agricultural Science and Bachelor of Science (Honours) in Agricultural Science

<b>Course Duration:</b>	Three Years, Four Years
<b>Awarding Body:</b>	Munster Technological University - Kerry
<b>Course Code:</b>	TL748 (Three Years Bachelor of Science) TL848 (Four Years Bachelor of Science Honours)
<b>Location:</b>	Clonakilty Agricultural College and Munster Technological University - Kerry
<b>Application:</b>	CAO
<b>Maintenance Grant:</b>	Apply through SUSI (Means Tested)
<b>Progression:</b>	Postgraduate study or career in the agriculture and food industry

 More detail including course content and contacts can be found via [www.mtu.ie](http://www.mtu.ie)



# Teagasc Ballyhaise Agricultural College

## Dundalk Institute of Technology

Dundalk Institute of Technology and Teagasc Ballyhaise Agricultural College partner to deliver the Level 8 Bachelor of Science in Sustainable Agriculture/ Agri-Food Production (DK882). The students attend both Dundalk Institute of Technology and Teagasc Ballyhaise Agricultural College, Co. Cavan throughout the programme.

### Courses Available

#### Bachelor of Science (Honours) in Sustainable Agriculture/ Agri-Food Production (Level 8)

<b>Course Duration:</b>	Four Years
<b>Awarding Body:</b>	Dundalk Institute of Technology
<b>Course Code:</b>	DK882
<b>Location:</b>	Ballyhaise Agricultural College and Dundalk Institute of Technology (DKIT)
<b>Application:</b>	CAO
<b>Maintenance Grant:</b>	Apply through SUSI (Means Tested)
<b>Progression:</b>	Research postgraduate positions in DKIT or other Institutions

### Graduate profile



**Name:** David Argue

**County:** Cavan

**Current position:** Business and Technology Advisor - Drystock. Teagasc, Navan, Co Meath.

The thing I enjoy most about my job is the job satisfaction from helping farmers to develop their farm business. I completed a Higher Certificate in Science in Agriculture Level 6 course in Ballyhaise Agricultural College/Dundalk Institute of Technology followed by a Level 8 Bachelor of Science (Honours Degree) in Sustainable Agriculture.

I found the practical element of the course most beneficial and the skills learned during the course stood to me while working as a farm manager and later in my role teaching skills to students. I hope to continue to develop the skills required to transfer knowledge either through agricultural education or advisory services. I would advise anyone to gain as much practical experience as possible while completing their studies and to also have a long term goal/ambition.



# Teagasc/ Mountbellew Agricultural College Galway Mayo Institute of Technology

Mountbellew Agricultural College and Galway Mayo Institute of Technology (GMIT) partner to deliver Level 7 and Level 8 programmes for Business in Rural Enterprise and Agri-Business, Agricultural Science in Agriculture and Environmental Management and Engineering in Agricultural Engineering. The students attend both Mountbellew Agricultural College and Galway Mayo Institute of Technology, Co. Galway throughout the programmes.

## Courses Available

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### Bachelor of Business in Rural Enterprise and Agri-Business (Level 7)

<b>Course Duration:</b>	Three Years
<b>Awarding Body:</b>	Galway Mayo Institute of Technology
<b>Course Code:</b>	GA172
<b>Location:</b>	Mountbellew Agricultural College and Galway Mayo Institute of Technology
<b>Application:</b>	CAO
<b>Maintenance Grant:</b>	Apply through SUSI (Means Tested)
<b>Progression:</b>	Progression to Bachelor of Business (Honours) in Rural Enterprise and Agri-Business (Level) at GMIT or transfer to other Institutes or Universities.

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### Bachelor of Science in Agriculture and Environmental Management (Level 7)

<b>Course Duration:</b>	Three Years
<b>Awarding Body:</b>	Galway Mayo Institute of Technology
<b>Course Code:</b>	GA675
<b>Location:</b>	Mountbellew Agricultural College and Galway Mayo Institute of Technology
<b>Application:</b>	CAO
<b>Maintenance Grant:</b>	Apply through SUSI (Means Tested)
<b>Progression:</b>	Add-on Bachelor of Engineering (Honours) in Agricultural Engineering (Level 8).

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### Bachelor of Engineering in Agricultural Engineering (Level 7)

<b>Course Duration:</b>	Four Years
<b>Awarding Body:</b>	Galway Mayo Institute of Technology
<b>Course Code:</b>	GA187
<b>Location:</b>	Mountbellew Agricultural College and Galway Mayo Institute of Technology
<b>Application:</b>	CAO
<b>Maintenance Grant:</b>	Apply through SUSI (Means Tested)
<b>Progression:</b>	Postgraduate studies or employment in the agriculture and food sector.

## Courses Available

### Bachelor of Business (Honours) in Rural Enterprise and Agri-Business (Level 8)

<b>Course Duration:</b>	Four Years
<b>Awarding Body:</b>	Galway Mayo Institute of Technology
<b>Course Code:</b>	GA187
<b>Location:</b>	Mountbellew Agricultural College and Galway Mayo Institute of Technology
<b>Application:</b>	CAO
<b>Maintenance Grant:</b>	Apply through SUSI (Means Tested)
<b>Progression:</b>	Postgraduate studies or employment in the agriculture and food sector.

### Bachelor of Science (Honours) in Agriculture and Environmental Management (Level 8)

<b>Course Duration:</b>	Four Years
<b>Awarding Body:</b>	Galway Mayo Institute of Technology
<b>Course Code:</b>	GA789
<b>Location:</b>	Mountbellew Agricultural College and Galway Mayo Institute of Technology
<b>Application:</b>	CAO
<b>Maintenance Grant:</b>	Grant: Apply through SUSI (Means Tested)
<b>Progression:</b>	Postgraduate studies or employment in the agriculture and food sector.

### Bachelor of Engineering (Honours) in Agricultural Engineering (Level 8)

<b>Course Duration:</b>	Four Years
<b>Awarding Body:</b>	Galway Mayo Institute of Technology
<b>Course Code:</b>	GA683
<b>Location:</b>	Mountbellew Agricultural College and Galway Mayo Institute of Technology
<b>Application:</b>	CAO
<b>Maintenance Grant:</b>	Apply through SUSI (Means Tested)
<b>Progression:</b>	Postgraduate studies or employment in the agriculture and food sector.

#### Graduate profile



**Name:** Jack Hahessy Madigan  
**County:** Kilkenny

I completed a Level 7 Rural Enterprise & Agri Business with GMIT and Teagasc/ Mountbellew Agricultural College, which enabled me to pursue my passion for farming and business. I always knew I wanted to work in farming.

The course has a large volume of practical modules as well as high quality lectures with content highly useful to young people in agriculture. On completing the three-years, students have the option of transferring to the honours degree programme for another year to receive a Level 8 qualification. I found the fact I could leave at different stages with a qualification would work well for me while I was trying to establish my business Kilkenny Rosé Veal.

I also undertook a three-month work placement with Donohue Agri in Enniscorthy, Co Wexford, working in the Lely robotic milking department. The work placement, as well as both the practical and academic side of my studies, made it the perfect course for me.

# Teagasc/ Salesian Agricultural College, Pallaskenry

## Limerick Institute of Technology

Salesian Agricultural College, Pallaskenry and Limerick Institute of Technology partner to deliver the Level 6 Higher Certificate in Engineering in Agricultural Mechanisation. The students attend both campuses throughout the programmes.

### Courses Available

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#### Higher Certificate in Engineering in Agricultural Mechanisation (Level 6)

<b>Course Duration:</b>	Two Years
<b>Awarding Body:</b>	Limerick Institute of Technology
<b>Course Code:</b>	LC284
<b>Location:</b>	Salesian Agricultural College, Pallaskenry & Limerick Institute of Technology
<b>Application:</b>	CAO
<b>Maintenance Grant:</b>	Application through SUSI (Means Tested)
<b>Progression:</b>	Students can progress to the add-on Bachelor of Engineering in Agricultural Engineering (Level 7) or Bachelor of Engineering in Road Transport, Technology and Management (Level 7) at Limerick Institute of Technology.

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#### Bachelor Degree of Engineering in Agricultural Engineering (Level 7)

<b>Course Duration:</b>	One year add on
<b>Awarding Body:</b>	Limerick Institute of Technology
<b>Course Code:</b>	LC248Y3
<b>Location:</b>	Salesian Agricultural College, Pallaskenry & Limerick Institute of Technology
<b>Application:</b>	Direct to Limerick Institute of Technology
<b>Maintenance Grant:</b>	Application through SUSI (Means Tested)
<b>Progression:</b>	Honours Degree studies, Postgraduate studies or employment in the agricultural engineering, and food sector or road transport sector.



# Teagasc Kildalton Agricultural College

## Waterford Institute of Technology

Kildalton Agricultural College and Waterford Institute of Technology partner for a number of higher education courses. The students attend both campuses throughout the programmes.

### Courses Available

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#### BSc (Honours) in Agricultural Science (Level 8)

<b>Course Duration:</b>	Four Years
<b>Awarding Body:</b>	Waterford Institute of Technology
<b>Course Code:</b>	WD191
<b>Location:</b>	Kildalton/Waterford Institute of Technology
<b>Application:</b>	CAO
<b>Maintenance Grant:</b>	Application through SUSI (Means Tested)
<b>Progression:</b>	Postgraduate study or career in the agriculture and food industry.

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#### BSc of Science in Agriculture (Level 7)

<b>Course Duration:</b>	Three Years
<b>Awarding Body:</b>	Waterford Institute of Technology
<b>Course Code:</b>	WD126
<b>Location:</b>	Kildalton/Waterford Institute of Technology
<b>Application:</b>	CAO
<b>Maintenance Grant:</b>	Application through SUSI (Means Tested)
<b>Progression:</b>	Continue onto the BSc in Land Management or career in the agriculture and food industry.

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#### BSc (Honours) Land Management in Agriculture (Level 8)

<b>Course Duration:</b>	One Year
<b>Awarding Body:</b>	Waterford Institute of Technology
<b>Course Code:</b>	WD156
<b>Location:</b>	Kildalton/Waterford Institute of Technology
<b>Application:</b>	CAO
<b>Maintenance Grant:</b>	Application through SUSI (Means Tested)
<b>Progression:</b>	Postgraduate study or career in the agriculture and food industry.

# Teagasc College of Amenity Horticulture or Kildaton College Waterford Institute of Technology

Both Kildalton Horticultural College and the College of Amenity Horticulture, National Botanic Gardens, Glasnevin, Dublin have partnerships with Waterford Institute of Technology in delivery of the WD096 and Wd097 Bachelor of Science in Horticulture.

## Courses Available

### Bachelor of Science in Horticulture (Level 7)

<b>Course Duration:</b>	Three Years
<b>Awarding Body:</b>	Waterford Institute of Technology
<b>Course Code:</b>	WD096 (Kildalton College), WD097 (National Botanic Gardens)
<b>Locations:</b>	Kildalton College, Co. Kilkenny and Waterford Institute of Technology (Code:WD096) College of Amenity Horticulture, National Botanic Gardens, Dublin and Waterford Institute of Technology (Code: WD097)
<b>Application:</b>	CAO or advanced entry
<b>Maintenance Grant:</b>	Application through SUSI (Means Tested)
<b>Progression:</b>	Bachelor of Science (Honours) in Land Management (Horticulture) Level 8 at Waterford Institute of Technology (WIT). Transfer to University College Dublin (UCD) degree programmes in Horticulture, Landscape and Sportsturf Management. Further information is available from the relevant provider.

## Graduate Profile



**Name:** Jack Cashman  
**County:** Waterford

**Current position:** Head Grower at Ballybeg Greens

I enjoy growing fresh produce that can be used in local restaurants and communicating with chefs to get inspiration for new things to grow.

I completed the BSc. Horticulture in WIT/Kildalton.

Work experience and practical tutorials were most helpful to my career.

I would like to work at Ballybeg Greens for a few years and then at some stage start my own business.

My advice to others pursuing a career in this area would be to gain as much practical experience from people in the area you want to work and ideally travel to see what other people are doing in different countries.

# Teagasc Moorepark & Kildalton College

## University College Dublin

Teagasc and University College Dublin collaborate in a number of areas across Research, Advisory and Education. Joint education programmes include the Bachelor of Agricultural Science (Hons) Degree in Dairy Business and the Professional Diploma in Dairy Farm Management.

### Courses Available

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#### Bachelor of Agricultural Science (Honours) in Dairy Business

<b>Course Duration:</b>	Four Years
<b>Awarding Body:</b>	University College Dublin
<b>Course Code:</b>	DN252
<b>Locations:</b>	University College Dublin and Teagasc Moorepark and Kildalton
<b>Application:</b>	CAO or advanced entry
<b>Maintenance Grant:</b>	Application through SUSI (Means Tested)
<b>Progression:</b>	Further study or career in the agriculture and food industry.

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#### Professional Work Experience

Professional Work Experience (PWE) is a unique selling point of the programme and provides exciting opportunities for students to travel to New Zealand to experience cutting edge technologies in the busy July to December period.

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#### Graduate Opportunities from the Dairy Business Degree

In addition to the highly skilled role of dairy farm management, opportunities exist in a wide variety of areas including: advisory, research, animal feed industry, banking, teaching and consultancy services. Research opportunities to masters and PhD level will also be available. Further information is available from UCD.

# Teagasc Moorepark University College Cork

Teagasc and University College Cork partner to deliver the Level 8 Bachelor of Agricultural Science (CK412). The students attend both University College Cork and Teagasc Moorepark/ Clonakilty Agricultural College throughout the programme.

## Courses Available

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### Bachelor of Agricultural Science (Honours)

Course Duration:	Four Years
Awarding Body:	University College Cork
Course Code:	CK412
Locations:	UCC and Teagasc Moorepark/ Clonakilty Agricultural College
Application:	CAO
Maintenance Grant:	Application through SUSI (Means Tested)
Progression:	Postgraduate study or career in the agriculture and food industry.







**LIFELONG  
LEARNING &  
CONTINUOUS  
PROFESSIONAL  
DEVELOPMENT**

# Lifelong Learning & Continuous Professional Development

Teagasc offer a wide range of courses for adults and agri-food sector employees. Many of these courses are accredited. The list below is not exhaustive. Please contact your Teagasc Education Officer or your Teagasc Advisory Region or college for advice on available Teagasc courses in your region. Courses are provided subject to demand and staff resources being available.

## Crop Nutrition Management

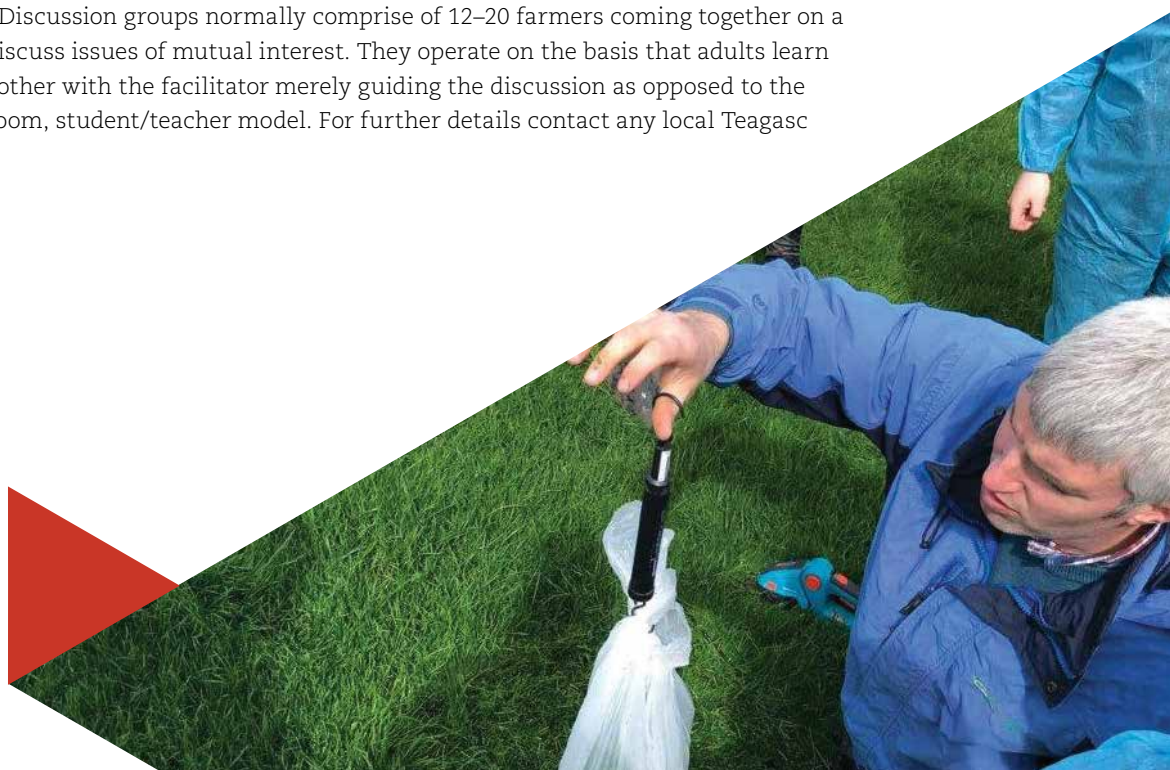
The Level 6 component award in Managing Crop Nutrition (QQI accredited) is aimed at those working in the crop nutrition sector. The course will equip learners with the relevant knowledge and skill to assess forage, cereal and root crop nutrient requirements and to recommend applied nutrients to maximise return in an environmentally safe manner. For further information contact Mark Plunkett, phone 053 9171294, email [mark.plunkett@teagasc.ie](mailto:mark.plunkett@teagasc.ie)

## Energy Crop Management

The purpose of the Level 6 component award in Energy Crop Management (QQI accredited) is to equip the learner with the knowledge, skill and competence to manage the production and marketing of energy crops and forestry bio-mass. Target participants include grower groups (supply chains), farmers, agricultural consultants, local and regional policy makers, financial institutions, and the insurance industry. For further information contact Barry Caslin, phone 076 1111213, email [barry.caslin@teagasc.ie](mailto:barry.caslin@teagasc.ie).

## Discussion Groups

Teagasc has a network of discussion groups covering all major farm enterprises – beef, sheep, dairy, tillage, equine and poultry. These groups provide a key support to the agri-food sector in building its knowledge and gaining the skills base to underpin continued growth and competitiveness. Discussion groups normally comprise of 12–20 farmers coming together on a regular basis to discuss issues of mutual interest. They operate on the basis that adults learn better from each other with the facilitator merely guiding the discussion as opposed to the traditional classroom, student/teacher model. For further details contact any local Teagasc centre.



## Dairy related courses

### Milking Process Technique

The purpose of this (QQI accredited Level 6 component award) practical course is to equip the learner to manage the dairy herd milking process in terms of milk quality, food safety, herd health and cow welfare. Target participants include both dairy farmers and specialised milkers. Contact Pádraig O'Connor, phone 046 9026726, email [padraig.oconnor@teagasc.ie](mailto:padraig.oconnor@teagasc.ie)

### Industry Training for Milking Machine Installation

Teagasc provides this training course for milking machine testers and installers on behalf of IMQCS (the Irish Milk Quality Co-Operative Society Ltd). The training course is targeted at milking machine technicians who aim to achieve certification in milking machine testing and installation and have their names listed on the IMQCS Directory of Milking Machine Testers and Installers. The course is also beneficial to veterinary surgeons, consultants and others working in the area of milk quality. More information available on [www.milkquality.ie](http://www.milkquality.ie) and from Francis Quigley, phone 051 644445, email [francis.quigley@teagasc.ie](mailto:francis.quigley@teagasc.ie)

### Level 6 Dairy New Entrant Course (Farm Expansion Planning)

This course is aimed at people planning to establish a new dairy farm enterprise. The course covers the core principles of successful dairying and provides the practical skills required to establishing a successful dairy enterprise. Topics covered include goal setting, financial planning, grassland management, farm infrastructure, labour requirements, milk quality and animal health. On successful completion of the course, participants will receive a QQI accredited Level 6 special purpose award in Farm Expansion Planning (6S2745). Contact Niamh Allen, phone 025 42457, email [niamh.allen@teagasc.ie](mailto:niamh.allen@teagasc.ie)

### Managing Labour on Farms

This course assists farmers who are currently employing, or planning to employ staff on a farm. The course covers the principles relating to work planning, time management and supervising staff. Topics covered in the course include how to hire staff, employment law, staff management, rewarding employees and safety, health and welfare of employees. Contact Niamh Allen, phone 025 42457, email [niamh.allen@teagasc.ie](mailto:niamh.allen@teagasc.ie)

### Teagasc/Farm Relief Services Dairy Operator Training

This course provides foundation training for milking operatives with very little experience. There is a significant demand for milking operatives. Subject to demand Teagasc in conjunction with Farm Relief Services offers a four week 'beginner milker' programme. The course involves 20 days with 16 days spent on a commercial dairy farm overseen by FRS and 4 days at a Teagasc college or Private college. There are good opportunities for those who successfully complete the course to become an FRS dairy operative either on a full-time or part-time basis. For more detail see [www.frsnetwork.ie/milking-course](http://www.frsnetwork.ie/milking-course)

## Equine Courses

### Distance Learning Horse Breeding Short Course

Typically this programme runs over a six-eight week period with tutor support for the duration. This course covers setting breeding objectives, anatomy and physiology of the mare, husbandry of mares and young stock up to weaning. A full day on farm is also part of the course. Further details from Wendy Conlon, phone 091 845291, email [wendy.conlon@teagasc.ie](mailto:wendy.conlon@teagasc.ie) or [www.teagasc.ie/equine](http://www.teagasc.ie/equine)

## Grass10 Grazing Management course

This course aims to develop the participant's knowledge of growing and managing grass and the use of grass management tools in making decisions. This course is for Dairy, Beef & Sheep farmers who want to grow more grass, and manage their grass better.

This course takes place over 2 years part time (participants meeting 6 to 10 times per year) focused on farm practical experience with Advisors/Specialists & Farmer Coaches in support. For more information contact your local Teagasc Advisory Office or [www.teagasc.ie/grass10](http://www.teagasc.ie/grass10)

## Forestry Courses

Teagasc provide a range of short courses and training events in forestry. Skills training covers subjects such as tree planting, timber measurement, stack measurement, and formative shaping. Short courses are also available in: Introduction to Forestry; Sustainable Forest Management; Post-Harvest Training; Woodland Management/Regeneration; Wood Energy Course. Courses are provided subject to demand, visit [www.teagasc.ie/forestry](http://www.teagasc.ie/forestry) for more.

## Business courses

### Talking Money - Farm Finance Explained

The course aims to improve participants understanding of basic farm accounts terminology, the mechanics of farm accounts, decision making based on farm accounts and managing cash flow using the Teagasc Cost Control Planner. The course will be delivered over three half days. Method of delivery includes case studies, practical exercises, short videos, presentations and class discussion. Contact your local Teagasc Advisory Office for more.

### Business Strategy for Farmers Course (Teagasc / Smurfit Business School)

This is a six day course open to all farm enterprises. The course is delivered by Smurfit Business School, and supported by Teagasc mentor subject to demand.

Participants will be brought through the process of developing their own strategic plan for themselves and their business. Contact Mark Moore 059 9183501 or [mark.moore@teagasc.ie](mailto:mark.moore@teagasc.ie)

### Options

Teagasc run Options workshops which aim to provide new thinking and generate new ideas both on and off farm. The workshops are free of charge and are aimed at both farmers and rural dwellers interested in increasing their income and/or looking at rural diversification opportunities. Areas explored include getting farm financially fit, rural tourism, artisan food production, alternative land-use options and scheme and grant support. Contact your local Teagasc Advisory Office for more or visit [www.opt-in.ie/options](http://www.opt-in.ie/options)





## Goat Farming

Information on goat farming can be obtained from Cian Condon, phone 071 9855203, email [cian.condon@teagasc.ie](mailto:cian.condon@teagasc.ie)

## Mechanical Hedge Cutting Contractors Course

This course aims to equip the learner with the relevant knowledge, skill and competence to carry out mechanical hedge trimming and hedgerow maintenance. Courses arranged subject to demand based at the Salesian Agricultural College, Pallaskenry, Co Limerick. Contact Salesian Agricultural College, Pallaskenry 061 393100.

## Organic Farming

The Level 5 Introduction to Organic Farming course (QQI accredited component award) is aimed at those both looking to enter organic farming and to those who have recently entered the sector. The course will equip learners with the knowledge and skills regarding the principles of organic production, how to interpret organic production standards, and how to assess the economic viability and market opportunities for organic production. This course satisfies the educational requirement to enter the DAFM Organic Farming Scheme (OFS). For further information contact Elaine Leavy, phone 046 9026711, email [elaine.leavy@teagasc.ie](mailto:elaine.leavy@teagasc.ie) or Joe Kelleher, phone 069 66329, email [joe.kelleher@teagasc.ie](mailto:joe.kelleher@teagasc.ie)

## Welfare of Animals during Transport

Teagasc is the sole provider of the course that leads to a DAFM Certificate of Competence for the Protection of Animals during Transport (EU regulation). This certificate, which on successful completion of the course, is awarded by DAFM, covers the transport of all livestock, poultry and pets, other than horses. Course details are available through Ballyhaise Agricultural College 049 4338108 or Kildalton Agricultural College 051 644440.

## Teagasc Farm Safety Courses

Teagasc holds courses on completing the Farm Safety Code of Practice at a number of venues in each county. To be notified of the dates and venues in your county and to book a place, contact Teagasc using the contact information listed below.

County	Phone Number	Email
Carlow	059 9183555	margaret.cullinan@teagasc.ie
Cavan	049 4338300	eileen.mccabe@teagasc.ie
Clare	065 6828676	mary.grogan@teagasc.ie
Cork East	021 4631898	colette.odonoghue@teagasc.ie
Cork West	026 41604	margaret.odonovan@teagasc.ie
Donegal	074 9121555	sinead.odonnell@teagasc.ie
Dublin	01 8459026	teresa.rooney@teagasc.ie
Galway	091 845804	denise.flaherty@teagasc.ie
Kerry	066 7125077	louise.keane@teagasc.ie
Kildare	045 879203	karl.mullen@teagasc.ie
Kilkenny	051 898137	rebecca.marsh@teagasc.ie
Laois	057 8621326	ciara.may@teagasc.ie
Leitrim	071 9631076	mary.quinn@teagasc.ie
Limerick	069 61444	margaret.m.obrien@teagasc.ie
Longford	043 3341021	deirdre.glennon@teagasc.ie
Louth	042 9332263	caroline.mcgeough@teagasc.ie
Mayo	098 28333	carmel.gibbons@teagasc.ie
Meath	046 9021792	donna.mccabe@teagasc.ie
Monaghan	047 81188	melissa.corey@teagasc.ie
Offaly	057 9321405	ann.kearns@teagasc.ie
Roscommon	090 6626166	finola.finn@teagasc.ie
Sligo	071 9855107	ornagh.nicholson@teagasc.ie
Tipperary North	0504 21777	maria.hartnett@teagasc.ie
Tipperary South	052 6121300	josie.hughes@teagasc.ie
Waterford	058 41211	ann.odonovan@teagasc.ie
Westmeath	044 9340721	margaret.mccormack@teagasc.ie
Wexford	053 9239210	margaret.devereux@teagasc.ie
Wicklow	0402 38171	sylvia.castles@teagasc.ie



**TEAGASC  
FOOD INDUSTRY  
TRAINING**

## Teagasc Food Industry Training

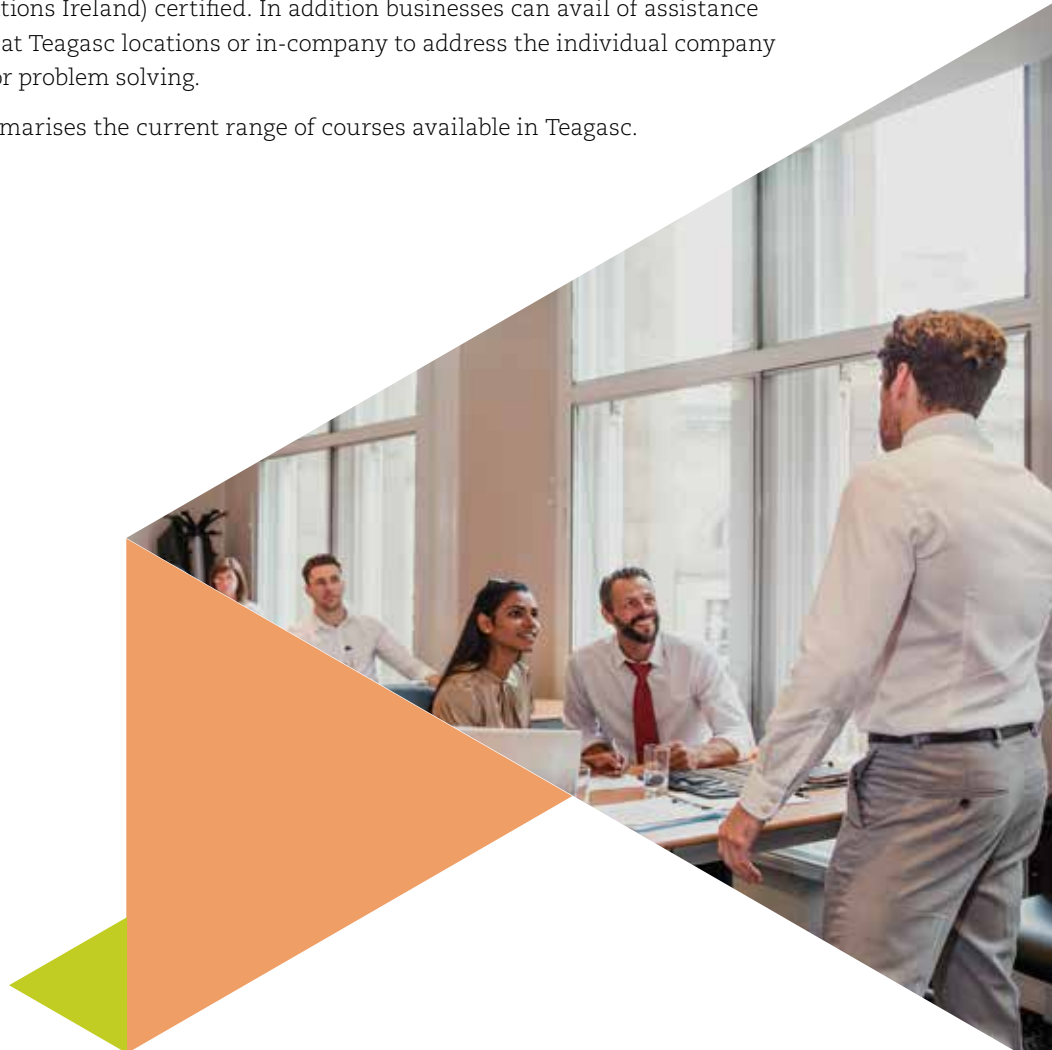
The Irish food sector is a knowledge intensive industry sector, with a continual need to upgrade skills and know-how. The environment in which the industry operated is constantly changing in relation to customer demands, regulatory requirements, product lines and innovations.

Teagasc provides specialist training to the food processing and retail sector in the areas of food safety and quality systems, food legislation, food innovation and new product development.

These training programmes are delivered from Teagasc Centres in Ashtown, Dublin and Moorepark, Cork as well as from other locations around the country or in-company. They address specific industry needs and skills gaps identified in national studies and in consultation with industry.

Our training programmes operate to best quality assurance standards and many courses are QQI (Quality & Qualifications Ireland) certified. In addition businesses can avail of assistance from consultants either at Teagasc locations or in-company to address the individual company development needs or for problem solving.

The following table summarises the current range of courses available in Teagasc.





## Food Industry Training courses at Teagasc

Course Name	Course Aims	Duration	Target Participants
<b>Animal welfare Certificate of Competence training</b>	This course is aimed at enabling participants to comply with the requirements of the welfare of animals at time of slaughter regulations EC 1099/2009.	<b>One day</b>	This course is aimed at meat operatives who are involved in the handling, lairage and slaughter of animals destined for human consumption.
<b>Animal welfare Officer training</b>	To enable participants comply with the requirements of regulation EC 1099/2009 by having an understanding of the context of “modern welfare” and formal training in the role, responsibilities and duties of the Animal Welfare Officer (AWO). The course will also focus on meeting the corresponding welfare requirements of the Bord Bia Sustainable Meat Products quality assurance standard.	<b>One day</b>	This course is aimed at designated meat industry personnel with the roles and responsibilities of ‘Animal Welfare Officer’.
<b>Managing Food Safety through HACCP</b>	On completion of the training course participants should be able to: <ul style="list-style-type: none"> <li>• Understand the role of Prerequisite Hygiene (PRP), and Operational PRP’s in a HACCP based food safety management system</li> <li>• Describe the requirements of Food Safety Management incorporating HACCP Standards</li> <li>• Understand the principles of HACCP and how these are applied within a food safety and quality management system.</li> </ul>	<b>Two days</b>	This course is aimed at persons in food businesses who require a thorough understanding of the theory and practical application of HACCP based food safety management systems. Participants must have a good knowledge of hygiene standards through either formal qualifications or relevant work experience.
<b>Butchering of Beef, Pork and Lamb – An Overview</b>	Originally developed in response to requests from small meat producers and those interested in potentially setting up a small meat processing business, this course will bring participants through the process of breaking down Beef, Pork and Lamb into the various retail cuts of interest to consumers.	<b>Half day</b>	This course will be of interest to quality assurance, marketing or sales staff in the meat processing industry, farmers/producers, chefs and restaurant owners or individuals with an interest in finding out what the main cuts of beef, pork and lamb are and how they are broken down from the carcass.
<b>Food Standards Auditing</b>	Food standards, once implemented, must be maintained. This course is designed to equip participants with the capacity to effectively audit food safety and quality management systems either within their own company or those of their suppliers. The course also ensures participants have the knowledge to manage a programme of audits in compliance with relevant standards or legislation.  The course also provides the capacity to audit against legal requirements.	<b>Two days training plus a half day assessment</b>	The programme is aimed at food industry personnel with responsibility for evaluating food safety controls and systems (standards or legislation), consultants involved in auditing, and Competent Authority staff. The course provides for those involved in managing an internal audit programme, performing internal, supplier or third party audits.  Participants must have a good knowledge of HACCP and food safety principles, through either a formal food science qualification and/or relevant professional experience.



<b>Course Name</b>	<b>Course Aims</b>	<b>Duration</b>	<b>Target Participants</b>
<b>Introduction to Food Innovation &amp; New Product Development</b> <b>(For the Food &amp; Beverage Sector)</b>	This course will provide participants with an understanding of food innovation and the new product development (NPD) process. It will introduce topics such as scaling production, shelf life extension and packaging solutions, as well as presenting an overview of regulatory and labelling responsibilities.	<b>One day</b>	Entrepreneurs and small food producers, wishing to build their knowledge in relation to food innovation and new product development.  Food technologists, brand managers and development chefs working in the food & beverage processing sectors.
<b>Management of New Product Development</b>	This course will introduce best practice methods for the successful management of NPD processes within a food business.	<b>One day</b>	This course is aimed at individuals who are involved in the development of new food products and the innovation process within their company/business, including NPD and R&D staff.
<b>Introduction to the Manufacture of Chocolate &amp; Chocolate Confectionary</b>	This course will provide an introductory overview of how chocolate and chocolate confectionary are produced, on a small scale through to larger volume production.	<b>One day</b>	Artisan and small producers or entrepreneurs wishing to build their knowledge in relation to the manufacture of chocolate. May also interest commercial chocolate manufacturing staff who would like to update their knowledge.
<b>Farmhouse Cheese Making</b>	This course aims to help companies achieve a more competitive position through improved knowledge of farmhouse cheese production, focusing on the technical and technological aspects of milk, cheese manufacture and cheese ripening with associated practicals.	<b>Three days</b>	This programme is aimed at both start-ups and current industry operators.
<b>Natural Cheese Making</b>	This course has been developed to provide the dairy processing operative with a better knowledge of the principles and practices involved in making natural cheeses.	<b>Two days</b>	New or trainee operators. Experienced operators who have had no previous formal training in this area.
<b>Processed and Substitute Cheese Products</b>	This course has been developed to provide the dairy processing operative with a better knowledge of the principles and practices involved in process and substitute cheese products.	<b>Three days</b>	New or trainee operators. Experienced operators who have had no previous formal training in this area.

Course Name	Course Aims	Duration	Target Participants
<b>Spray Drying</b>	The course has been developed to provide the dairy processing operative with a better knowledge of the principles and practices involved in spray drying.	<b>In-company bespoke delivery</b>	New or trainee operators who have successfully completed dairy food processing courses. Experienced operators who have had no previous formal training in this area.
<b>Evaporation</b>	The course has been developed to provide the dairy processing operative with a better knowledge of the principles and practices involved in evaporation.	<b>In-company bespoke delivery</b>	New or trainee operators who have successfully completed Dairy Food Processing courses. Experienced operators who have had no previous formal training in this area.
<b>Process Control and Management</b>	The course has been developed to provide the dairy processing operative with a better knowledge of the principles and practices involved in Process Control and Management in a modern food processing plant.	<b>In-company bespoke delivery</b>	New or trainee operators. Experienced operators who have had no previous formal training in this area. It is particularly recommended as a foundation for further training in key process areas.
<b>Plant and Process – Dairy Hygiene</b>	This course has been developed to provide the dairy operative with a better knowledge of the principles and practices of plant and process hygiene.	<b>In-company bespoke delivery</b>	New or trainee operators. Experienced operators who have had no previous formal training in this area. It is particularly recommended as a foundation for further training in key process areas.
<b>Basic Milk Processing</b>	This course has been developed to provide the dairy processing operative with a better knowledge of the principles and practices involved in milk processing.	<b>In-company bespoke delivery</b>	New or trainee operators. Experienced operators who have had no previous formal training in this area. It is particularly recommended as a foundation for further training in key dairy process areas.
<b>Microbiology for Non-Microbiologists</b>	This course is designed to help those in the food industry with little formal microbiology training to gain a better understanding of the microorganisms are associated with different foods, their characteristics and their implications for food safety and food spoilage. This course will also provide an insight into the techniques used in the laboratory to test for microbes and the interpretation of laboratory test reports.	<b>One day</b>	Those working in the food industry, including those involved in quality control, new product development and training. The course would be particularly valuable to those with responsibility for improving food quality and safety systems, e.g. HACCP.
<b>Introduction to Sensory Principles</b>	This course will provide participants with an understanding of the principles of sensory science, the human senses and how they are used in sensory evaluation, sensory methodologies and best practices when conducting sensory studies. It will introduce a wide range of best practice methods and real-life case studies.	<b>One day</b>	This course is aimed at technical and quality assurance staff, food technologists and development chefs who wish to incorporate sensory analysis in to their processes. It will also interest researchers from disciplines other than sensory science who require a better understanding of the principles.

## Additional Information

### Course Administrator

Teagasc Food Research Centre, Ashtown  
Dublin 15. D15 KN3K.

☎ 01 8059500 ✉ [course.administrator@teagasc.ie](mailto:course.administrator@teagasc.ie)

[www.teagasc.ie/food/research-and-innovation/research-areas/food-industry-development/specialist-training](http://www.teagasc.ie/food/research-and-innovation/research-areas/food-industry-development/specialist-training)



## Postgraduate Certificate in Dairy Technology and Innovation (Level 9)

<b>Course Duration:</b>	1 year (part-time)
<b>Awarding Body:</b>	UCC
<b>Course Code:</b>	AL652
<b>Location:</b>	UCC/ Teagasc Moorepark
<b>Application:</b>	Direct to UCC – online at <a href="http://www.ucc.ie/apply">www.ucc.ie/apply</a>

## Entry Requirements

Graduates of an NFQ Level 8 degree programme (or equivalent) in food science, nutritional sciences, agricultural sciences, microbiology, biochemistry or related biological sciences with a minimum second class honours (grade 2), ideally with experience working in the dairy industry will be eligible to apply. Diplomates of UCC's Level 7 Diploma in Food Science and Technology with a minimum second class honours (grade 1) and a minimum of 2 years' experience working in the dairy industry will also be eligible for admission. Places are limited to a maximum number of 15.

## Duration

This Level 9 qualification is part-time and will be delivered by block-release and on-line with a schedule to suit the seasonal nature of the Irish dairy industry. Hence, the programme will run from September to December and January to March.

## Further Information

### Professor Paul McSweeney

School of Food and Nutritional Sciences, College of Science, Engineering and Food Science, UCC.

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# LOCATIONS & CONTACTS







## Teagasc College

# Ballyhaise Agricultural College

Ballyhaise College is located 8km north of Cavan town. It is situated on an estate of 220 hectares of grass and woodlands. The house is c.300 years old and retains many of its historical features. At the rear of the house the buildings form a magnificently restored courtyard.

### Student Accommodation

Students can live in rented rooms at the College or in the neighbouring village, 1km away.

### Facilities/Activities

A large sports hall is available for indoor soccer, basketball, volleyball and badminton. There are also game rooms for pool, darts, table tennis, cards, TV and general socialising. College bedrooms and the three computer training rooms have Wi-Fi.

### The College Farm

There are 120 cows plus replacements on 50 hectares. The college herd, which is spring calving, is part of the Teagasc Moorepark Dairy Research programme. The main focus of this programme is to improve grass growth and utilisation on heavy soils. Facilities include a modern 12 unit herringbone milking parlour with automatic drafting, slatted houses, an outdoor pad and calving and isolation boxes. A computerised management programme is used to

facilitate record keeping.

The 60 cow suckler herd is spring calving. Replacements are reared and all other progeny is brought to beef.

There is a sheep flock of 230 ewes. This is split into 80 to produce early fat lamb and 150 which are managed to lamb in mid-march to coincide with early grass. The sheep unit is equipped with excellent facilities including various types of housing and handling facilities.

There is a total of 200 cattle of various types and 100 are finished every year. The cattle are managed on a low cost system at a moderate stocking rate.

The farm includes 50 hectares of diverse woodlands which are used for the practical training of students who participate in the Level 5 and 6 Forestry courses and in DKIT joint courses.

### Contact

#### John Kelly, Principal

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## Teagasc College

# College of Amenity Horticulture, Botanic Gardens

The College of Amenity Horticulture is located at the National Botanic Gardens, Glasnevin, Dublin and Ashtown, Dublin 15.

The Botanic Gardens were established in 1795 under the auspices of the Dublin Society, later the Royal Dublin Society, at the behest of the Irish Parliament to 'promote a scientific knowledge in the various branches of agriculture'.

Having the college located in these wonderful surroundings provides students with a unique training opportunity.

There is a strong tradition of training at the National Botanic Gardens dating back to 1812.

The garden is Ireland's premier botanical and horticultural establishment. It occupies a beautiful 19 hectare site with the river Tolka forming the northern boundary. It contains over 20,000 plant species and cultivars including many exceptional specimens. There are plants for scientific research, conservation, education and display as well as dried plant specimens (herbarium) and an extensive horticultural library.

There are some magnificent trees, many outstanding displays of shrubs and perennials and the famous Victorian glasshouses including Turner's magnificent curvilinear range.

Our Ashtown location is at the Teagasc National Food Centre. This 10 hectare site host our practical skills and operational areas on Landscape Construction, Turfgrass, Fruit and Vegetable Production and Nursery Stock.

### College Accommodation

The College of Amenity Horticulture is non-residential with students finding accommodation in the locality.

### Facilities/Activities

The facilities at the college include student and staff canteen, library, computer room and provisions for sports in the locality. When students attend courses at the Gardens they become part of all the activities of the National Botanic Gardens.

A medal is presented to the student with the best result in the BSc in Horticulture. Awards are also presented for performance on particular aspects of the course. The Royal Dublin Society makes an award to the best practical student of the year.

### Access

#### Botanic Gardens

Our College is located on the grounds of the National Botanic Gardens 5km north-west of the city centre. It is accessible by bus from the city centre. Limited paid car parking is available.

#### Ashtown

Our Ashtown Campus is accessible by bus and train.

### Contact

#### John Mulhern, Principal

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[www.teagasc.ie/botanics](http://www.teagasc.ie/botanics)



## Teagasc College Clonakilty Agricultural College

The college adjoins the town of Clonakilty in picturesque West Cork. It is located just off the main Bandon-Clonakilty road. Clonakilty is well known for its beauty and its hospitality.

### Student Accommodation

Accommodation is provided locally through numerous providers.

### Facilities/Activities

Recreational facilities include TV, pool, basketball, indoor football and a playing pitch for hurling, gaelic football and soccer. There is also a swimming pool complex within easy reach of the college. The college has three computer suites.

### The College Farm

Clonakilty College farm has 140 hectares. The farm units give students a hands-on approach to learning but they are run to maximise profit and to reflect the practices adopted on commercial farms as well as utilising up-to-date Teagasc research and advice. Milk production is based on the low cost model of grass-based dairying and utilises the natural advantage of Munster in growing good grass. There

are 84 hectares in the dairy unit with 180 cows, and 50 replacements in the dairy enterprise. It is a research-focused herd where Teagasc Moorepark Research Centre carries out research work. Since 2013 the College has been running a systems research trial involving grass and clover over 44 hectares. The current research involves varying fertiliser rates across treatments. Cows are milked in a fully computerised 20 unit side-by-side milking parlour.

There are 28 hectares in the drystock unit. The unit is a mixed grazing unit with a herd of 30 spring-calving continental cows with the progeny reared to beef at 2 years. They graze with a flock of 50 mid-season ewes. The predominant breeds being Texel, Suffolk and Charollais. There is a new dairy calf to beef enterprise with 20 animals.

### Contact

#### Keith Kennedy, Principal

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## Teagasc Partner/ Private College Gurteen College

Working and learning together to create a better life in rural communities.

Gurteen College is a leading provider of agricultural education, having a long and distinguished track record (since 1947). Our excellent facilities, on the largest working commercial scale agricultural college farm in Ireland, ensures that students are encouraged by hands on learning to develop their skills fully.

Gurteen College is situated 12km from Birr, Co Offaly and 25km from Nenagh, Co Tipperary just off the N52. We provide transport to Birr, Co. Offaly every Friday to aid students to reach connecting bus routes.

### Innovation & Sustainability

Gurteen is an independent college with a particular focus on innovation. The management team is committed to investing in the infrastructure and facilities required to keep abreast of the constant change taking place within the industry. One example of this is the decision to establish a new milking parlour completed in 2018. The college is also involved in sustainable energy initiatives as part of a renewable energy programme which significantly reduce the College's carbon footprint and running costs.

### Facilities

We welcome residential and non-residential students. The accommodation has 100 newly refurbished single occupancy study/bedrooms. Currently we have over 500 students attending the college at different periods, on day time, part- time and evening courses. Often more than 200 students on campus at one time.

The college boasts very good recreational facilities with games pitches, floodlit tennis and basketball courts, an outdoor heated swimming pool, indoor sports hall, billiards, two badminton courts, student computer rooms and Wi-Fi. In the student lounges there are vending machines, pool tables and multi-channel TV's.

The catering is superb. There are kitchen facilities with a free tea and coffee making self- serve option.

Student teaching areas include classrooms, lecture theatre, three computer rooms, state of the art large technical training workshop, a smaller technical training work shop, a welding workshop, indoor sheep handling unit and cattle unit.

### Gurteen College Farm

The college farm has grown from an initial 125 ha to 405 ha (1,000acres) of commercially led enterprises with constantly upgraded buildings and machinery. The primary function of the college farm is to support hands-on practical and enterprise management experience, in 'best practice' settings.

There has been considerable investment in the college farm in recent years. The upgrading of farm facilities include a superb 30 unit milking parlour, a spacious new sheep shed and a 130 cow cubicle shed. The farm's commercial enterprises consist of the dairy - 240 cows, 125 dairy heifers; beef - 70 suckler cows, 280 head of cattle; 450 ewes, 40ha tillage, 40 ha forestry and 33ha biomass. Farm performance figures (including profit monitor) are used with students.

### Equine Unit

The facilities include 45 loose boxes, tack room, indoor and outdoor arenas, cross country course, feed room, rug drying room and a horse walker.

### Contact

#### Jon Parry, Principal

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E53 TP93

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[www.gurteencollege.ie](http://www.gurteencollege.ie)

[www.facebook.com/GurteenCollege/](https://www.facebook.com/GurteenCollege/)



## Teagasc College

# Kildalton Agricultural & Horticultural College

Kildalton College is situated in the village of Piltown, Co Kilkenny in the picturesque Suir valley. It is located on the main Waterford to Limerick road, approximately eight kilometres from Carrick-on-Suir and 20 kilometres from Waterford city.

The main part of the campus is the Bessborough House, which was built in 1745. There has been an extensive building programme at the college since it first opened as an Agricultural College in 1971, and the modern education block was completed in 2009.

### Facilities/Activities

85 full-time residential students are accommodated in single rooms at the college. Recreational facilities include TV, video and pool room. A playing pitch for hurling, gaelic football or soccer. There is also a swimming pool complex within easy reach of the college. The extensive landscaped grounds and lake are ideal for student leisure and relaxation.

### The College Farm

The farm consists of 180 hectares. The main agricultural and horticultural enterprises are carried out on the farm. The campus also has a modern horse breeding and training enterprise.

The dairy enterprise consists of 112 dairy cows producing 600,000 litres of milk. Cows calve in spring and all replacements are reared with some bull calves finished in a 2 year beef system. There are 60 suckler cows with progeny reared to finished steers, heifers and bull beef. There are

130 ewes, which lamb in early February. There are 40 hectares of tillage, which includes wheat, oats, barley, maize and oil seed rape. The Dept. Agriculture, Food and the Marine run extensive trials on cereals, maize and grass varieties at the college. Some 50 horses are available for practical work with equine students.

The horticulture enterprise covers 20 hectares, which are devoted to a range of vegetables, fruit, protected crops, hardy nursery stock and sports turf and parkland.

Kildalton College farms in a sustainable manner. Sustainability parameters include incorporating clover in swards, the use of protected urea and planting of new hedgerows throughout the farm.

### Practical Training

Each lecturer carries responsibility for the enterprise which they teach. This ensures that the teaching is based on practical experience and good husbandry.

### Contact

#### Tim Ashmore, Principal

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## Teagasc Partner/ Private College

# Mountbellew Agricultural College

Since its establishment in 1904, Mountbellew Agricultural College, then under the governance of the Franciscan Brothers, has been providing quality education and training programmes, designed to meet the unique requirements of rural Ireland. Situated in Mountbellew, Co. Galway ~50km north east of Galway city and 30km from Roscommon, Mountbellew College places a strong emphasis on sustainability in agriculture and the environment.

Programmes available at Mountbellew have been designed to promote understanding of specific topics, such as, rural enterprise and agri-business, environmental management and recently, agricultural engineering. Mountbellew is a private college partnering with Teagasc, GMIT, GRETB and SOLAS in delivering a number of programmes from Level 5 to Level 8.

### Facilities/Activities

- Lecture halls and classrooms
- Computer laboratories
- Dedicated CAD, electronics and hydraulics laboratories
- Outdoor and plant laboratories
- Canteen
- Sports hall
- Student games room
- Accommodation (available locally)

Throughout the academic year, students can attend/ participate in organised events, shows, day trips, Open Days etc, both on and off campus. Students are encouraged to get involved in sports, competitions and awards and are supported by the staff to do so.

Mountbellew College boasts many award winning alumni among its alma mater, with numerous recipients of the FBD Young Farmer of the Year; FBD/ Teagasc Student of the Year; AIB/ Teagasc Best Farm Business Plan and Nuttfield Scholarships counted among our numbers.

Numerous acknowledgements have been received by the College for the calibre of its agricultural output from professional organisations, both locally and nationally.

### Student Accommodation

Mountbellew Agricultural College is non-residential with students finding accommodation in the locality. An accommodation list is provided to each student.

### The College Farm

The farm consists of approximately 122 ha of land divided between a number of enterprises, each of which is run as an independent unit on a commercial basis.

The farm enterprises include: 100 plus cow dairy herd (50% pedigree Holstein and 50% crossbred); 40 unit calf to beef enterprise and a 250 ewe sheep flock.

### Contact

**Dr. Edna Curley, Principal**

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📠 090 9679276

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[www.mountbellewagri.com](http://www.mountbellewagri.com)





## Teagasc Partner/ Private College Salesian Agricultural College, Pallaskenry

The Salesian Agricultural College, Pallaskenry is located 16km to the west of Limerick city adjacent to the picturesque Shannon estuary. It is situated on a 215 hectare farm of lush “Golden Vale” farmland. Pallaskenry is owned and managed by the Salesian Fathers.

It has been involved in agricultural education since 1922. Courses are offered in both

Agriculture and Farm Machinery/Mechanisation. These programmes are run in partnership with Limerick Institute of Technology, Teagasc and QQI.

### Facilities/Activities

The college has excellent teaching and recreational facilities. An Information Technology Centre contains 40 computers with internet and email access.

There are also a range of engineering/machinery workshops to facilitate the delivery of the colleges specialised machinery programmes.

Recreational facilities include an all weather soccer pitch, football/hurling pitches and a games room.

Full-time recreational students are accommodated in high quality, newly renovated single and double rooms.

### The College Farm

The dairy herd is one of the largest in the agricultural college sector. There is a 400 cow high EBI dairy herd. The herd is entirely spring calving and the aim is to produce high yields of milk solids, primarily from grazed grass. A 50 unit rotary milking parlour is under construction. A 35 suckler cow, high replacement index is in place on the college in partnership with ICBF and Teagasc. There are 65 dairy calves to beef and 70 mid-season lambing ewes.

### Contact

**Derek O’Donoghue, Principal**

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V94 V8N3

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# Key Contact

## Frank Murphy

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# College Principals

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### John Kelly

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## Kildalton (Agriculture & Horticulture)

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### & Grainne McMahon (Assistant Principal – Horticulture)

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### Westmeath / Offaly / Cavan / Monaghan

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### Wicklow/ Carlow/ Wexford

#### Grainne O'Shea

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#### Andrew Donovan

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