## Schedule of College Open Days

### Autumn 2019

<table>
<thead>
<tr>
<th>Date</th>
<th>College</th>
<th>Address</th>
<th>Time</th>
<th>Tours Details</th>
<th>Principal Name</th>
<th>Phone Number</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>THURSDAY, 3RD OCTOBER</td>
<td>Botanic Gardens (Horticulture)</td>
<td>Teagasc, College of Horticulture, National Botanic Gardens, Glasnevin, Dublin 9. D09 YV29</td>
<td>2pm – 4.30pm / Tours on-going</td>
<td>Principal: John Mulhern  01 8040201 <a href="mailto:botanic.college@teagasc.ie">botanic.college@teagasc.ie</a></td>
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<tr>
<td>THURSDAY, 3RD OCTOBER</td>
<td>Gurteen (Agriculture)</td>
<td>Gurteen College, Ballingarry, Roscrea, Co Tipperary. E53 TP93</td>
<td>10.30am – 12.30pm / Tours on-going</td>
<td>Principal: Jon Parry 067 21282 <a href="mailto:info@gurteencollege.ie">info@gurteencollege.ie</a></td>
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<tr>
<td>FRIDAY, 4TH OCTOBER</td>
<td>Ballyhaise (Agriculture)</td>
<td>Teagasc, Ballyhaise Agricultural College, Ballyhaise, Co Cavan. H12 E393</td>
<td>10am – 1pm / Tours on-going</td>
<td>Principal: John Kelly 049 4338108 <a href="mailto:ballyhaise.college@teagasc.ie">ballyhaise.college@teagasc.ie</a></td>
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<tr>
<td>THURSDAY, 10TH OCTOBER</td>
<td>Pallaskenry (Agriculture)</td>
<td>Salesian Agricultural College, Pallaskenry, Co Limerick. V94 V8N3</td>
<td>10.30am – 12.30pm / Tours on-going</td>
<td>Principal: Derek O’Donoghue 061 393100 <a href="mailto:info@pallaskenry.com">info@pallaskenry.com</a></td>
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<td>FRIDAY, 11TH OCTOBER</td>
<td>Clonakilty (Agriculture)</td>
<td>Teagasc, Clonakilty Agricultural College, Darrara, Clonakilty, Co Cork. P85 AX52</td>
<td>Tours start at 11am &amp; 12noon</td>
<td>Principal: Keith Kennedy 023 8832500 <a href="mailto:clonakilty.college@teagasc.ie">clonakilty.college@teagasc.ie</a></td>
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### Spring 2020

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<tr>
<td>FRIDAY, 6TH MARCH</td>
<td>Ballyhaise (Agriculture)</td>
<td>Teagasc, Ballyhaise Agricultural College, Ballyhaise, Co Cavan. H12 E393</td>
<td>10am – 1pm / Tours on-going</td>
<td>Principal: John Kelly 049 4338108 <a href="mailto:ballyhaise.college@teagasc.ie">ballyhaise.college@teagasc.ie</a></td>
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<tr>
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<td>Teagasc, Clonakilty Agricultural College, Darrara, Clonakilty, Co Cork. P85 AX52</td>
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Dates are subject to change for unforeseen reasons
For further information please contact the college of your choice
Welcome to the Teagasc Prospectus of Courses for 2020

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 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. 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.

Tony Pettit
Head of Education, Teagasc

Visit the education pages on our website www.teagasc.ie for additional information.
## Contents

### Why choose a Teagasc course?  
- Benefits of completing a course with Teagasc  
- Teagasc education resources – reasons to train with Teagasc  
- Student support  
- Teagasc on the National Qualifications Framework

### Education & Training Courses
- Dairy  
- Drystock  
- Crops and Machinery  
- Agricultural Mechanisation  
- Adult Green Cert Programmes  
- Horticulture  
- Equine  
- Forestry  
- Pig Management  
- Poultry Management

### Higher Education Opportunities
- Teagasc Higher Education Partnerships  
- Teagasc Clonakilty Agricultural College  
- Teagasc Clonakilty Agricultural College **Cork Institute of Technology**  
- Teagasc Clonakilty Agricultural College **Institute of Technology Tralee**  
- Teagasc Ballyhaise Agricultural College  
- Teagasc Ballyhaise Agricultural College **Dundalk Institute of Technology**  
- Teagasc/Mountbellew Agricultural College  
- Teagasc/Mountbellew Agricultural College **Galway Mayo Institute of Technology**  
- Teagasc/Salesian Agricultural College  
- Teagasc/Salesian Agricultural College **Limerick Institute of Technology**  
- Teagasc Kildalton Agricultural College  
- Teagasc Kildalton Agricultural College **Waterford Institute of Technology**  
- Teagasc College of Amenity Horticulture and Kildaton College  
- Teagasc College of Amenity Horticulture and Kildaton College **Waterford Institute of Technology**  
- Teagasc Moorepark & Kildalton College  
- Teagasc Moorepark & Kildalton College **University College Dublin**  
- Teagasc Moorepark **University College Cork**

### LifeLong Learning & Continuous Professional Development

### Teagasc Food Industry Training

### Locations & Contacts
- Ballyhaise Agricultural College  
- College of Amenity Horticulture, Botanic Gardens  
- Clonakilty Agricultural College  
- Gurteen College  
- Kildalton Agricultural & Horticultural College  
- Mountbellew Agricultural College  
- Salesian Agricultural College, Pallaskenry  
- Key Contacts  
- College Principals  
- Education Officers
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 split about 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.
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.

- 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.
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. Teagasc has established an open source sustainable farming project at Kildalton College. Kildalton is also 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.
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

Teagasc is committed to providing equal access opportunities to all potential students.

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.

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.

Dedicated Student Assistance Programme (SAP)

Teagasc makes available a student counselling and information service through Vhi Corporate Solutions to full-time students on Level 5 and 6 programmes. It is not necessary for students to have Vhi membership to avail of this service. 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/
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.

- At Level 9 and Level 10 (Masters and PhD), Teagasc provides a Walsh Fellowship 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-fellowships/ for more detail.

There are four classes of award in the National Framework of Qualifications:

- Major Awards: named in the outer rings, are the principal class of awards made at a level
- Minor Awards: are for partial completion of the outcomes for a Major Award
- Supplemental Awards: are for learning that is additional to a Major Award
- Special Purpose Awards: are for relatively narrow or purpose-specific achievement
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 2018 Ireland exported food to over 180 countries and the value of Irish food and drinks exports were €12 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

The 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.
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:**

### 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.

Levels 5 and Level 6 QQI accredited programmes are the primary education pathways offered by Teagasc. Teagasc also provides the Professional Diploma in Dairy Farm Management programme at Level 7.
Dairy

This full-time dairy education option is offered at:
Teagasc Ballyhaise College, Co. Cavan
Gurteen Agricultural College, Co. Tipperary
Teagasc Clonakilty College, Co. Cork
Mountbellew Agricultural College, Co. Galway
Teagasc Kildalton College, Co. Kilkenny
Salesian Pallaskenry Agricultural College, Co Limerick

Dairy Herd Management

Aim: To 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.

Programmes: Teagasc Level 5 Certificate in Agriculture Programme & Teagasc Level 6 Advanced Certificate in Agriculture (Dairy Herd Management) Programme.

Duration: 2 years.

Qualifications: These programmes are validated by QQI and lead to a Level 5 Certificate in Agriculture Award (5M20454) and a Level 6 Advanced Certificate in Agriculture (6M20486).

Entry Requirements: Applicants must be 17 years old or over on 1st January following entry to Year 1. Students, who have completed the Level 5 Certificate in Agriculture, or equivalent course, are eligible to apply 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/.

Transfer and progression

Teagasc/UCD Professional Diploma in Dairy Farm Management: Learners who successfully complete the Advanced Certificate in Agriculture may progress to the Professional Diploma in Dairy Farm Management.

Higher Education Links Scheme: Seek progression opportunities in higher education through the Higher Education Links Scheme, or through advanced entry. Please contact the relevant higher education institute for further information.
What will you study?

Sample content from the Teagasc Level 5 Certificate in Agriculture programme

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<td>Principles of Agriculture</td>
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<tr>
<td>5N20371</td>
<td>Farm Safety and Farm Assurance</td>
<td>5</td>
<td>15</td>
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<tr>
<td>5N20374</td>
<td>Soils and the Environment</td>
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<tr>
<td>5N20377</td>
<td>Farm Business and Technology</td>
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<td>10</td>
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<tr>
<td>5N20380</td>
<td>Safe Use of Pesticide Products</td>
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<td>5</td>
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<tr>
<td>5N20388</td>
<td>Beef Husbandry *</td>
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Sample content from the Teagasc Level 6 Advanced Certificate in Agriculture Programme (Dairy Herd Management)

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<tr>
<td>6N20463</td>
<td>Sustainable Farming in the Environment</td>
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<td>6N20464</td>
<td>Sustainable Farm Development</td>
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<td>6N0305</td>
<td>Managing Ruminant Nutrition</td>
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<td>10</td>
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<tr>
<td>6N3525</td>
<td>Applied Livestock Breeding</td>
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<td>6N20471</td>
<td>Dairy Husbandry Management</td>
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<td>15</td>
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<tr>
<td>6N20472</td>
<td>Grassland Management</td>
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<td>6N20476</td>
<td>Milking Process Technique</td>
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<td>6N20485</td>
<td>Grazing Platform Designs</td>
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<tr>
<td>6N1947</td>
<td>Work Practice</td>
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*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 attended at 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 commercial dairy farm manager as a farm owner, farm partner or farm manager.

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

**Duration:** 2 years on-farm professional work experience based programme/contact delivery.

**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 in Certificate in Agriculture or equivalent major agricultural award. Applicants will be shortlisted for interview prior to selection for entry to the programme.

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

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**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.
Graduate Profile

Name: Edel Dunne
County: Waterford

I completed the 2 year Teagasc Professional Diploma in Dairy Farm Management course between 2015 and 2017.

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.

The course content consists of four core areas:

- Dairy Farm Development
- 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.
Drystock

This full-time drystock education option is offered at:
Teagasc Ballyhaise College, Co. Cavan
Gurteen Agricultural College, Co. Tipperary
Teagasc Clonakilty College, Co. Cork
Mountbellew Agricultural College, Co. Galway
Teagasc Kildalton College, Co. Kilkenny
Salesian Agricultural College Pallaskenry, Co Limerick

Drystock Herd Management

**Aim:** To 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.

**Programmes:** Teagasc Level 5 Certificate in Agriculture Programme & Teagasc Level 6 Advanced Certificate in Agriculture (Drystock Management) Programme

**Duration:** 2 years

**Qualifications:** These programmes are validated by QQI and lead to a Level 5 Certificate in Agriculture Award (5M20454) and a Level 6 Advanced Certificate in Agriculture (6M20486).

**Entry Requirements:** Applicants must be 17 years old or over on 1st January following entry to Year 1. Students, who have completed the Level 5 Certificate in Agriculture, or equivalent course, are eligible to apply 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/.

**Progression**

Learners may on successful completion of either Year 1 or Year 2, seek progression opportunities in higher education through the Higher Education Links Scheme, or through advanced entry where it is applicable. Please contact the relevant higher education institute for further information.
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.

**Graduate Profile**

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

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

<table>
<thead>
<tr>
<th>QQI Code</th>
<th>Title</th>
<th>Level</th>
<th>Credits</th>
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<tr>
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<td>Work Practice</td>
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<td>15</td>
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<td>5N20368</td>
<td>Principles of Agriculture</td>
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<td>5N20371</td>
<td>Farm Safety and Farm Assurance</td>
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<td>Farm Business and Technology</td>
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<td>Safe Use of Pesticide Products</td>
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</tr>
<tr>
<td>5N20388</td>
<td>Beef Husbandry *</td>
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<td>5N20396</td>
<td>Sheep Husbandry *</td>
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<td>5N20399</td>
<td>Grass Production *</td>
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<tr>
<td></td>
<td>Electives*</td>
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### Sample content from the Teagasc Advanced Certificate in Agriculture (Drystock Management) programme:

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<tr>
<td>6N20462</td>
<td>Farm Management and Business Planning</td>
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<td>Sustainable Farming in the Environment</td>
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<td>6N0305</td>
<td>Managing Ruminant Nutrition</td>
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<td>6N3525</td>
<td>Applied Livestock Breeding</td>
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<td>6N20465</td>
<td>Beef Husbandry Management</td>
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<td>15</td>
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<td>6N20472</td>
<td>Grassland Management</td>
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<tr>
<td></td>
<td>Electives*</td>
<td>6</td>
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</tr>
</tbody>
</table>

*Choice of module will be at the discretion of the college/centre*
Crops and Machinery

This full-time Crops and Machinery education option is offered at Kildalton College.

Crops and Machinery Management

**Aim:** To provide students with the latest technology, information and management skills necessary for a career in the crop and machinery industry.

**Programmes:** Teagasc Level 5 Certificate in Agriculture Programme & Teagasc Level 6 Advanced Certificate in Agriculture (Crops & Machinery Management)

**Duration:** 2 years

**Qualifications:** These programmes are validated by QQI and lead to a Level 5 Certificate in Agriculture Award (5M20454) and a Level 6 Advanced Certificate in Agriculture (6M20486).

**Entry Requirements:** Applicants must be 17 years old or over on 1st January following entry to Year 1. Students who have completed the Level 5 Certificate in Agriculture, or equivalent course, are eligible to apply for the Advanced Certificate in Agriculture (Crops & Machinery Management) programme. 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/.

**Progression**

On successful completion of the programme students can progress through the higher education links scheme or advanced entry where possible. Please contact the relevant higher education institute for further information.
What will you study?

Sample content from the Teagasc Level 5 Certificate in Agriculture Programme

<table>
<thead>
<tr>
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<td>15</td>
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<tr>
<td>5N20368</td>
<td>Principles of Agriculture</td>
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<tr>
<td>5N20371</td>
<td>Farm Safety and Farm Assurance</td>
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<td>15</td>
</tr>
<tr>
<td>5N20374</td>
<td>Soils and the Environment</td>
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<td>5N20377</td>
<td>Farm Business and Technology</td>
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<td>Safe Use of Pesticide Products</td>
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<td>5N20388</td>
<td>Beef Husbandry</td>
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<td>5N20396</td>
<td>Tillage Crop Husbandry</td>
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<td>5N20399</td>
<td>Grass Production *</td>
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<td>Electives*</td>
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Sample content from the Teagasc Level 6 Advanced Certificate in Agriculture (Crops and Machinery) Programme:

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<tr>
<td>6N20462</td>
<td>Farm Management and Business Planning</td>
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<td>10</td>
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<tr>
<td>6N20463</td>
<td>Sustainable Farming in the Environment</td>
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<td>10</td>
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<tr>
<td>6N20464</td>
<td>Sustainable Farm Development</td>
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<td>6N2242</td>
<td>Production Equipment for Crops</td>
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<td>6N20468</td>
<td>Crop Production Management</td>
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<td>6N20469</td>
<td>Crops Market and Management</td>
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<tr>
<td></td>
<td>Electives</td>
<td></td>
<td>40</td>
</tr>
</tbody>
</table>

*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
Salesian Agricultural College, Pallaskenry, Co. Limerick
Teagasc Ballyhaise College, Co. Cavan

Aims: Equip the graduate with the knowledge and skills required for working in the farm machinery industry such as agricultural contractors, fabricators and machinery sales, and running an agricultural contracting business.

Programmes: Teagasc Level 5 Certificate in Agriculture Programme & Teagasc Level 6 Advanced Certificate in Agriculture (Mechanisation)

Duration: 2 years

Qualifications: These programmes are validated by QQI and lead to a Level 5 Certificate in Agriculture Award (5M20454) and a Level 6 Advanced Certificate in Agriculture (6M20486).

Entry Requirements: Applicants must be 17 years old or over on 1st January following entry to Year one. Students, who have completed the Level 5 Certificate in Agriculture, or equivalent course, are eligible to apply for the Advanced Certificate in Agriculture (Mechanisation). 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/.

Progression
Progression is available through the higher education links scheme or through advanced entry. Please contact the relevant higher education institute for further information.
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.

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

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<thead>
<tr>
<th>QNI Code</th>
<th>Title</th>
<th>Level</th>
<th>Credits</th>
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<tbody>
<tr>
<td>5N1433</td>
<td>Work Practice</td>
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<tr>
<td>5N20368</td>
<td>Principles of Agriculture</td>
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<tr>
<td>5N20371</td>
<td>Farm Safety and Farm Assurance</td>
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<td>5N20374</td>
<td>Soils and the Environment</td>
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<td>5N20377</td>
<td>Farm Business and Technology</td>
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<td>5N20380</td>
<td>Safe Use of Pesticide Products</td>
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<td>5N20388</td>
<td>Beef Husbandry</td>
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<td>5N20399</td>
<td>Grass Production *</td>
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<td>Electives *</td>
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*Choice of module will be at the discretion of the college/centre

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

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<th>Title</th>
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<td>6N1947</td>
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<tr>
<td>6N20462</td>
<td>Farm Management and Business Planning</td>
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<td>Sustainable Farming in the Environment</td>
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<td>Sustainable Farm Development</td>
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<td>6N2243</td>
<td>Farm Equipment Fabrication</td>
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<td>Maintenance of Farm Machinery</td>
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<tr>
<td>6N20475</td>
<td>Mechanical Maintenance of Vehicles</td>
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* Plus electives which allow for specialisation.
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 SM20454 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:** Enquiries should be made locally to Teagasc colleges and centres. Subsequently applications are made online through the Teagasc public website: 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:** Debbie Sunderland

**County:** Wexford

I grew up on a suckler farm in Aske, Gorey, Co. Wexford and from a young age I was involved in the farm. On leaving school I tried other careers but my love of farming brought me back to the farm. I enrolled for the Part-time Green Cert course in the Wexford/Wicklow/Carlow region as the structure of the course facilitated my involvement in the farm business. The course was delivered in 2 locations on a weekly basis from September to early April and it took three years to complete the course. I gained great experience from the practical days in Kildalton College and on numerous farm visits.

I now work in conjunction with my father making the day to day decisions on the farm and I have particular responsibility for the stock management. I enjoy working most with the stock and enjoy the calving period and monitoring the finishing stock for sale.

The aspects of the course I found most beneficial were the issues with cash flow awareness, the problem of carrying empty cows and the effects of bad breeding. These are all areas I wish to improve over the coming months and years.

Going forward I would like to increase cow numbers and I would like to improve the breeding and profitability of the herd. I would like to continue my education by doing an animal nutrition course.

My advice to others is that you will have good luck and lots of bad luck on the farm but never be disheartened and keep persevering as farming is a very rewarding career.
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/

What will you study?

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

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<th>Title</th>
<th>Level</th>
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<td>Principles of Agriculture</td>
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<td>5N20371</td>
<td>Farm Safety and Farm Assurance</td>
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<td>Soils and the Environment</td>
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<td>Sustainable Farming in the Environment</td>
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<td>(Applied Livestock Breeding &amp; Grassland Management)</td>
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<td>or (Crop Production Management)</td>
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<td></td>
<td>6</td>
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*Choice of module will be at the discretion of the college/centre

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 and Kildalton College

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: There are no minimum educational entry requirements to our Level 5 course. Applicants must be 17 years old or over on 1st January following entry to Year 1.

Application Process: Candidates can apply through the Teagasc public website: 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 and the Bachelor of Science in Horticulture degree (Level 7).

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 years (full-time) September to March (Landscape); November to July (Nursery, Sportsturf & Food).

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

Progression: Students can progress to the BSc Horticulture offered by Waterford IT (www.wit.ie) subject to meeting requirements. Applicants should check this process with the relevant Institute/University.
What will you study?

Sample content from the Teagasc Level 5 Certificate in Horticulture Programme

<table>
<thead>
<tr>
<th>QQI Code</th>
<th>Title</th>
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<tbody>
<tr>
<td>5N1433</td>
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<td>5N2546</td>
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<td>5N2528</td>
<td>Plant Science</td>
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<td>5N2527</td>
<td>Plant Identification and Use</td>
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<tr>
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<td>Soil Science and Growing Media</td>
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<tr>
<td></td>
<td>Wide range of elective modules*</td>
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Sample content from the Teagasc Level 6 Advanced Certificate in Horticulture (Food Production) Programme

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<td>6N3621</td>
<td>Organic Crop Production or</td>
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<td>30</td>
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<tr>
<td>6N3623</td>
<td>Horticultural Production Mechanisation</td>
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<tr>
<td>6N3645</td>
<td>Ecology and the Environment</td>
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<tr>
<td>6N3626</td>
<td>Sustainable Horticulture</td>
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<tr>
<td></td>
<td>Electives*</td>
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Sample content for Teagasc Level 6 Advanced Certificate in Horticulture (Landscaping) Programme

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<tbody>
<tr>
<td>6N3620</td>
<td>Landscape Design and Construction</td>
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<td>6N3607</td>
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<td>6N3623</td>
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Sample content for Teagasc Level 6 Advanced Certificate in Horticulture (Nursery) Programme

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<th>Title</th>
<th>Level</th>
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<td>6N3610</td>
<td>Nursery Stock Production</td>
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<tr>
<td>6N3609</td>
<td>*Garden Centre Operations or</td>
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<tr>
<td>6N3623</td>
<td>Horticultural Production Mechanisation</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Personal Development module*</td>
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<td>30</td>
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<tr>
<td></td>
<td>Wide range of elective modules*</td>
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Sample content for Teagasc Level 6 Advanced Certificate in Horticulture (Sports Turf) Programme

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<td>6N3622</td>
<td>Sports Turf Science and Maintenance</td>
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<td>6N3607</td>
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<td>6N3623</td>
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<td></td>
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<tr>
<td></td>
<td>Personal Development module*</td>
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<tr>
<td></td>
<td>Wide range of elective modules*</td>
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<td>30</td>
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*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:

Location and further details:
Teagasc College of Amenity Horticulture, National Botanic Gardens, Glasnevin, Dublin 9
Phone: 01 8040201  botanic.college@teagasc.ie
Website: www.teagasc.ie/botanics

Teagasc College of Horticulture, Kildalton, Piltown, Co Kilkenny
Phone: 051 644400  kildalton.college@teagasc.ie
Website: www.teagasc.ie/education/teagasc-colleges/kildalton/horticulture-courses

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

Graduate Profile

Name: Luke Grange
County: Dublin

Course: Level 5 Certificate in Horticulture
What I most enjoy about my job is meeting new people every day and practicing and learning new and current horticulture skills

The course I have completed is Level 5 Certificate in Horticulture in Teagasc National Botanical Gardens and Ashtown. The course helped me improve my horticulture skills. My advice to someone wishing to pursue this course would be to follow their dreams and go for it. The course is taught to the highest of standards, advice and help is always there for students from the staff in Teagasc.

The work experience was very useful to me. I got a wide selection such as working on the golf/sports academy in Ashtown, and in the nursery in Teagasc National Botanical Gardens. It gave me a wide understanding of the different areas and aspects of horticulture.
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.

**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.

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**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 €700 million directly/indirectly to the Irish economy each year, employing close to 12,500 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.

Aim: To 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: Teagasc Level 5 Certificate in Horsemanship (Equitation) and Teagasc Level 6 Advanced Certificate in Horsemanship (Equitation).

Duration: 2 years

Qualifications: These programmes are validated by QQI and lead to a Level 5 Certificate in Horsemanship Award (5M3371) and a Level 6 Advanced Certificate in Horsemanship (6M3505).

Entry Requirements: There is no minimum educational entry requirement. Applicants must be 17 years old or over on 1st January following entry to Year 1. Applicants must undergo an interview and practical riding assessment before as part of the application process. Students with an equivalent qualification may apply for entry to Level 6 programme. This process 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/

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. Please contact the relevant higher education institute for further information.
What will you study?

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

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<thead>
<tr>
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<th>Level</th>
<th>Credits</th>
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<tr>
<td>5N3355</td>
<td>Stable and Yard Routine</td>
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<td>5N1433</td>
<td>Work Practice (to include some weekend duties)</td>
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<tr>
<td>5N0690</td>
<td>Communications</td>
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Plus 60 credits from the following electives*

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<tr>
<th>QQI Code</th>
<th>Title</th>
<th>Level</th>
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<tr>
<td>5N3357</td>
<td>Young Horse Training Techniques Elective</td>
<td>5</td>
<td>30</td>
</tr>
<tr>
<td>5N3360</td>
<td>Anatomy and Physiology Elective</td>
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<tr>
<td>5N3362</td>
<td>Sport Horse Riding Instruction Elective</td>
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<td>30</td>
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<tr>
<td>5N3364</td>
<td>Horse Breeding Elective</td>
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</table>

*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

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<td>15</td>
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<tr>
<td>6N3403</td>
<td>Young Horse Training and Breaking</td>
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<tr>
<td>AE005</td>
<td>Equine Business</td>
<td>6</td>
<td>15</td>
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<tr>
<td>AE009</td>
<td>Equine Coaching</td>
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<td>30</td>
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<tr>
<td>LP001</td>
<td>Leadership</td>
<td>6</td>
<td>30</td>
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</tbody>
</table>

*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, foreman/head person, barn manager, stud farm manager, foaling manager, bloodstock agent, stallion handler, breaking and training and sales prep.

Aim: To equip the learner with the knowledge and skills to find employment in responsible positions in the breeding industry, or gaining experience for breeding their own stock.

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

Duration: 2 years

Qualifications: These programmes are validated by QQI and lead to a Level 5 Certificate in Horsemanship Award (SM3371) and a Level 6 Advanced Certificate in Equine Breeding (6M3507).

Entry Requirements: There is no minimum educational entry requirement. Applicants must be 17 years old or over on 1st January following entry to Year 1. 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/

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. Please contact the relevant higher education institute for further information.

What will you study?

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

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<thead>
<tr>
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<tr>
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<td>Work Practice</td>
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Plus 60 credits from the following electives

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<td>Young Horse Training Techniques Elective</td>
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<td>5N3360</td>
<td>Anatomy and Physiology Elective</td>
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<tr>
<td>5N3364</td>
<td>Horse Breeding Elective</td>
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Sample content for Teagasc Level 6 Advanced Certificate in Stud Management Programme

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<th>Level</th>
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<td>Pasture Management Stud</td>
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<tr>
<td>6N1947</td>
<td>Work Practice (Stud Mgt)</td>
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<td>15</td>
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<tr>
<td>6N3389</td>
<td>Conformation and Evaluation*</td>
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<td>15</td>
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<td>6N3388</td>
<td>Anatomy and Physiology*</td>
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<tr>
<td>LP001</td>
<td>Leadership</td>
<td>6</td>
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<tr>
<td>AE005</td>
<td>Equine Business</td>
<td>6</td>
<td>15</td>
</tr>
</tbody>
</table>

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

Graduate Profile

Name: Edel Condron  
County: Carlow  

I completed the Level 5 and Level 6 Stud Management course in Kildalton College. The main aspects of the course that were most beneficial to me were the work placement and breeding theory classes.

I found the work experience extremely useful as it allowed us to see how things were done on larger stud farms, improving our practical skills and knowledge all the time.

After finishing in Kildalton I moved on to the National Stud course in Newmarket – completing their Stud Practice and Management Diploma course. My favourite part of my work is the foals – handling them and being part of their journey as they grow and progress in to weanlings. I feel that Kildalton was a huge stepping stone in getting me to where I am today. I am hoping to do a season of yearlings – prep and attending sales. I would love to be involved with Goffs or Tattersalls at some stage in the future.
Forestry

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

Forestry Programme

Aim: To 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.

Programmes: Level 5 Certificate in Forestry & Level 6 Advanced Certificate in Forestry.

Duration: 2 years.

Qualifications: These programmes are validated by QQI and lead to a Level 5 Certificate in Forestry (SM3425) and a Level 6 Advanced Certificate in Forestry (6M4337).

Entry Requirements: Applicants must be over 17 years on 1 January following entry to the course. 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/

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.
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 price and 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.

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

<table>
<thead>
<tr>
<th>QQI Code</th>
<th>Title</th>
<th>Level</th>
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<td>5N3397</td>
<td>Silviculture</td>
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<td>5N1433</td>
<td>Work Practice</td>
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<td>Self Development Module</td>
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<td>Electives*</td>
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Minimum of 45 credits from the following*:

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<tr>
<td>5N3399</td>
<td>Forest Development</td>
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</tr>
<tr>
<td>5N3398</td>
<td>Sustainable Forestry</td>
<td>5</td>
<td>15</td>
</tr>
<tr>
<td>5N3402</td>
<td>Forestry and the Environment</td>
<td>5</td>
<td>15</td>
</tr>
</tbody>
</table>

---

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

<table>
<thead>
<tr>
<th>QQI Code</th>
<th>Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>6N1947</td>
<td>Work Practice</td>
<td>6</td>
<td>15</td>
</tr>
</tbody>
</table>

  **2 out of the following three***

<table>
<thead>
<tr>
<th>QQI Code</th>
<th>Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>6N4265</td>
<td>Forest Management</td>
<td>6</td>
<td>30</td>
</tr>
<tr>
<td>6N4307</td>
<td>Close to Nature Forestry</td>
<td>6</td>
<td>30</td>
</tr>
<tr>
<td>6N3408</td>
<td>Forest Establishment</td>
<td>6</td>
<td>30</td>
</tr>
</tbody>
</table>

|          | Personal Development module* | 6     | 15      |
|          | Electives*                   | 6     | 30      |

*Choice of module will be at the discretion of the college/centre
The course is offered in Ballyhaise Agricultural College or Clonakilty Agricultural College in conjunction with the Teagasc Pig Development Department subject to demand.

**Aim:**
To equip graduates to with the knowledge, skills and capability to carry out key pig husbandry activities and mange a pig enterprise.

**Programmes:**
Level 5 Certificate in Pig Production & Level 6 Advanced Certificate in Pig Management

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

**Qualifications:**
These programmes are validated by QQI and lead to a Level 5 Certificate in Agriculture Award (5M20454) and a Level 6 Advanced Certificate in Agriculture (6M20486)

**Entry Requirements:**
Applicants must be 17 years old or over on 1 January following entry to the course. 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

**Progression**
This course may provide entry to other programmes via the higher links education scheme. Contact the relevant institution.
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.

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

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>NFQ Level</th>
<th>Credit Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>5N20368</td>
<td>Principles of Agriculture</td>
<td>5</td>
<td>15</td>
</tr>
<tr>
<td>5N20371</td>
<td>Farm Safety and Farm Assurance</td>
<td>5</td>
<td>15</td>
</tr>
<tr>
<td>5N20374</td>
<td>Soils and the Environment</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>5N20377</td>
<td>Farm Business and Technology</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>5N20380</td>
<td>Safe Use of Pesticide Products</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>5N20393</td>
<td>Pig Husbandry</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>5N20411</td>
<td>Nutrition Housing and Welfare of Pigs</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>5N20444</td>
<td>Pig Manure Handling</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>5N20457</td>
<td>Pig Industry Structure</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>SN1433</td>
<td>Work Practice</td>
<td>5</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>Self Development module</td>
<td>5</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>Electives</td>
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<td>5</td>
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</table>

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

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

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

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**Graduate Profile**

**Name:** James Bogue  
**County:** Cavan
Poultry Management

Ballyhaise Agricultural College

**Aim:** To 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).

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

**Qualifications:** These programmes are validated by QQI and lead to a Level 5 Certificate in Agriculture Award (5M20454) and a Level 6 Advanced Certificate in Agriculture (6M20486).

**Entry Requirements:** Applicants must be 17 years old or over on 1 January following entry to the course. 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

**Progression**

This course may provide entry to other programmes via the higher links education scheme. 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.
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.

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**What will you study?**

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

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

Sample content for the Teagasc L6 Advanced Certificate in Agriculture (Poultry Management) Programme

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

*Choice of module will be at the discretion of the college/centre
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 CIT, DkIT, GMIT, LIT, IT Tralee, WIT and also of 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**

**Cork Institute of Technology**
- Bachelor of Science (Agriculture)  CR010

**Dundalk Institute of Technology**
- Bachelor of Science (Hons) in Agriculture  DK882

**Galway-Mayo Institute of Technology**
- Bachelor of Business in Rural Enterprise and Agri Business  GA172
- Bachelor of Science in Agriculture and Environment Management  GA777
- Bachelor of Business (Hons) in Rural Enterprise and Agri-Business (Level 8)  GA187
- Bachelor of Science (Hons) in Agriculture and Environmental Management (Level 8)  GA789
- Bachelor of Engineering (Hons) in Agricultural Engineering (Level 8)  GA683

**Limerick Institute of Technology**
- Higher Certificate in Agricultural Mechanisation  LC284

**Tralee Institute of Technology**
- Bachelor of Science in Agricultural Science  TL748
- Bachelor of Science (Honours) in Agricultural Science  TL848

**Waterford Institute of Technology**
- Bachelor of Science (Hons) in Agricultural Science  WD191
- Bachelor of Science (Hons) in Agriculture  WD126
- Bachelor of Science (Hons) in Land Management in Agriculture  WD156

**University College Dublin**
- Bachelor of Agricultural Science (Hons) in Dairy Business  DN252

**University College Cork**
- Agricultural Science  CK412

**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

*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.*
Cork Institute of Technology and Teagasc partner to deliver the Level 7 Agriculture BSc (CR010) and the Level 8 Bachelor of Science (Agriculture) honours (CR_BAGRI_8) degrees. The students attend both Cork Institute of Technology and Teagasc Clonakilty Agricultural College, Co. Cork throughout the programmes.

More detail including course content and contacts can be found via www.ittralee.ie

Teagasc Clonakilty Agricultural College
Institute of Technology Tralee

Institute of Technology Tralee and Teagasc partner to deliver the Level 8 Bachelor of Science (Honours) in Agricultural Science (TL848). The students attend both Institute of Technology Tralee and Teagasc Clonakilty Agricultural College, Co. Cork throughout the programmes.

More detail including course content and contacts can be found via www.ittralee.ie

Courses Available

Bachelor of Science (Honours) in Agricultural Science

<table>
<thead>
<tr>
<th>Course Duration:</th>
<th>Three Years, Four Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Awarding Body:</td>
<td>Institute of Technology Tralee</td>
</tr>
<tr>
<td>Course Code:</td>
<td>TL748 (Three Years Bachelor of Science)</td>
</tr>
<tr>
<td></td>
<td>TL848 (Four Years Bachelor of Science Honours)</td>
</tr>
<tr>
<td>Location:</td>
<td>Clonakilty Agricultural College and Institute of Technology Tralee</td>
</tr>
<tr>
<td>Application:</td>
<td>CAO</td>
</tr>
<tr>
<td>Maintenance Grant:</td>
<td>Apply through SUSI (Means Tested)</td>
</tr>
<tr>
<td>Progression:</td>
<td>Postgraduate study or career in the agriculture and food industry</td>
</tr>
</tbody>
</table>

More detail including course content and contacts can be found via www.ittralee.ie
Dundalk Institute of Technology and Teagasc Ballyhaise Agricultural College partner to deliver the Level 8 Bachelor of Science in Sustainable Agriculture (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 (Level 8)**

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

### Graduate profile

**Name:** David Argue  
**County:** Cavan  
**Current position:** Advisor Teagasc Green Acres Calf to Beef Programme.

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.

For more information on this course visit [www.dkit.ie/courses/](http://www.dkit.ie/courses/).
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

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

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

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

| Course Duration: | Three Years |
| Awarding Body: | Galway Mayo Institute of Technology |
| Course Code: | GA777 |
| Location: | Mountbellew Agricultural College and Galway Mayo Institute of Technology |
| Application: | CAO |
| Maintenance Grant: | Apply through SUSI (Means Tested) |
| Progression: | Add-on Bachelor of Science (Honours) in Agriculture & Environmental Management (Level 8) at GMIT or transfer to other institutes or universities. |

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

| Course Duration: | Four Years |
| Awarding Body: | Galway Mayo Institute of Technology |
| Course Code: | GA187 |
| Location: | Mountbellew Agricultural College and Galway Mayo Institute of Technology |
| Application: | CAO |
| Maintenance Grant: | Apply through SUSI (Means Tested) |
| Progression: | Postgraduate studies or employment in the agriculture and food sector. |
Bachelor of Science (Honours) in Agriculture and Environmental Management (Level 8)

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

Bachelor of Engineering in Agricultural Engineering (Level 7)

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

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

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

Graduate profile

Name: Jack Ha Hessy 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.

More detail including course content and contacts can be found via www.mountbellewagri.com or www.gmit.ie/courses/all-courses
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

Higher Certificate in Engineering in Agricultural Mechanisation (Level 6)

Course Duration: Two Years
Awarding Body: Limerick Institute of Technology
Course Code: LC284
Location: Salesian Agricultural College, Pallaskenry & Limerick Institute of Technology
Application: CAO
Maintenance Grant: Application through SUSI (Means Tested)
Progression: 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.

Bachelor Degree of Engineering in Agricultural Engineering (Level 7)

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

More detail can be found via www.lit.ie/Courses or www.salesianag.ie
### Courses Available

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

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

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

- **Course Duration:** Three Years
- **Awarding Body:** Waterford Institute of Technology
- **Course Code:** WD126
- **Location:** Kildalton/Waterford Institute of Technology
- **Application:** CAO
- **Maintenance Grant:** Application through SUSI (Means Tested)
- **Progression:** Postgraduate study or career in the agriculture and food industry.

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

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

Course Duration: Three Years
Awarding Body: Waterford Institute of Technology
Course Code: WD096 (Kildalton College), WD097 (National Botanic Gardens)
Locations: 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)
Application: CAO or advanced entry
Maintenance Grant: Application through SUSI (Means Tested)
Progression: 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

Bachelor of Agricultural Science (Honours) in Dairy Business

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

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.

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.

More detail including course content and contacts can be found via www.myucd.ie/courses/agriculture-food-nutrition/dairy-business/
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

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

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 087 9753588, email 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.

Discussion Groups/ Knowledge Transfer Groups

Teagasc has a network of discussion groups covering all major farm enterprises. There are Knowledge Transfer Groups across six enterprise sectors – 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 Padraig O’Connor, phone 046 9026726, email 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 and from Francis Quigley, phone 051 644445, email 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

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

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

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 or 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

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 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

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
Goat Farming

Information on goat farming can be obtained from Cian Condon, phone 071 9855203, email 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 or Dan Clavin, phone 091 845285, email dan.clavin@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 and is valid for a period of 10 years. 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.

<table>
<thead>
<tr>
<th>County</th>
<th>Phone Number</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cavan</td>
<td>049 4338300</td>
<td><a href="mailto:eileen.mccabe@teagasc.ie">eileen.mccabe@teagasc.ie</a></td>
</tr>
<tr>
<td>Clare</td>
<td>065 6828676</td>
<td><a href="mailto:andrea.donnellan@teagasc.ie">andrea.donnellan@teagasc.ie</a></td>
</tr>
<tr>
<td>Carlow</td>
<td>059 9183555</td>
<td><a href="mailto:margaret.cullinan@teagasc.ie">margaret.cullinan@teagasc.ie</a></td>
</tr>
<tr>
<td>Cork East</td>
<td>025 42244</td>
<td><a href="mailto:eithne.gowen@teagasc.ie">eithne.gowen@teagasc.ie</a></td>
</tr>
<tr>
<td>Cork West</td>
<td>026 41604</td>
<td><a href="mailto:gretta.omahony@teagasc.ie">gretta.omahony@teagasc.ie</a></td>
</tr>
<tr>
<td>Donegal</td>
<td>074 9121555</td>
<td><a href="mailto:yvonne.coulter@teagasc.ie">yvonne.coulter@teagasc.ie</a></td>
</tr>
<tr>
<td>Dublin</td>
<td>01 8459026</td>
<td><a href="mailto:teresa.rooney@teagasc.ie">teresa.rooney@teagasc.ie</a></td>
</tr>
<tr>
<td>Galway</td>
<td>091 845200</td>
<td><a href="mailto:eileen.moriarty@teagasc.ie">eileen.moriarty@teagasc.ie</a></td>
</tr>
<tr>
<td>Kerry</td>
<td>066 7125077</td>
<td><a href="mailto:betty.mcelligott@teagasc.ie">betty.mcelligott@teagasc.ie</a></td>
</tr>
<tr>
<td>Kildare</td>
<td>045 899782</td>
<td><a href="mailto:grace.conlon@teagasc.ie">grace.conlon@teagasc.ie</a></td>
</tr>
<tr>
<td>Kilkenny</td>
<td>056 7721153</td>
<td><a href="mailto:sinead.barrow@teagasc.ie">sinead.barrow@teagasc.ie</a></td>
</tr>
<tr>
<td>Laois</td>
<td>057 8621326</td>
<td><a href="mailto:sadie.bergin@teagasc.ie">sadie.bergin@teagasc.ie</a></td>
</tr>
<tr>
<td>Leitrim</td>
<td>071 9631076</td>
<td><a href="mailto:mary.quinn@teagasc.ie">mary.quinn@teagasc.ie</a></td>
</tr>
<tr>
<td>Limerick</td>
<td>069 61444</td>
<td><a href="mailto:margaret.m.obrien@teagasc.ie">margaret.m.obrien@teagasc.ie</a></td>
</tr>
<tr>
<td>Longford</td>
<td>043 3341021</td>
<td><a href="mailto:deirdre.glennon@teagasc.ie">deirdre.glennon@teagasc.ie</a></td>
</tr>
<tr>
<td>Louth</td>
<td>042 9332263</td>
<td><a href="mailto:caroline.mcgeough@teagasc.ie">caroline.mcgeough@teagasc.ie</a></td>
</tr>
<tr>
<td>Mayo</td>
<td>096 22077</td>
<td><a href="mailto:mary.mcandrew@teagasc.ie">mary.mcandrew@teagasc.ie</a></td>
</tr>
<tr>
<td>Meath</td>
<td>046 9021792</td>
<td><a href="mailto:catherine.mcconnell@teagasc.ie">catherine.mcconnell@teagasc.ie</a></td>
</tr>
<tr>
<td>Monaghan</td>
<td>047 81188</td>
<td><a href="mailto:melissa.corey@teagasc.ie">melissa.corey@teagasc.ie</a></td>
</tr>
<tr>
<td>Offaly</td>
<td>057 9321405</td>
<td><a href="mailto:ann.kearns@teagasc.ie">ann.kearns@teagasc.ie</a></td>
</tr>
<tr>
<td>Roscommon</td>
<td>090 6626166</td>
<td><a href="mailto:finola.finn@teagasc.ie">finola.finn@teagasc.ie</a></td>
</tr>
<tr>
<td>Sligo</td>
<td>071 9855107</td>
<td><a href="mailto:johann.downes@teagasc.ie">johann.downes@teagasc.ie</a></td>
</tr>
<tr>
<td>Tipperary North</td>
<td>0504 21777</td>
<td><a href="mailto:maria.hartnett@teagasc.ie">maria.hartnett@teagasc.ie</a></td>
</tr>
<tr>
<td>Tipperary South</td>
<td>052 6121300</td>
<td><a href="mailto:josie.hughes@teagasc.ie">josie.hughes@teagasc.ie</a></td>
</tr>
<tr>
<td>Waterford</td>
<td>058 41211</td>
<td><a href="mailto:ann.odonovan@teagasc.ie">ann.odonovan@teagasc.ie</a></td>
</tr>
<tr>
<td>Westmeath</td>
<td>044 9340721</td>
<td><a href="mailto:margaret.mccormack@teagasc.ie">margaret.mccormack@teagasc.ie</a></td>
</tr>
<tr>
<td>Wexford</td>
<td>053 9239210</td>
<td><a href="mailto:sybil.mernagh@teagasc.ie">sybil.mernagh@teagasc.ie</a></td>
</tr>
<tr>
<td>Wicklow</td>
<td>0402 38171</td>
<td><a href="mailto:sylvia.castles@teagasc.ie">sylvia.castles@teagasc.ie</a></td>
</tr>
</tbody>
</table>
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 is a leading supplier of specialist training to the food processing and retail sector in food safety and quality systems, food legislation, food innovation and new product development. Teagasc provides specialist training in all aspects of food quality and safety with a view to assisting food businesses to meet legal obligations, customer requirements and industry best practice.

Stringent legislative principles clearly place the responsibility for assuring food safety on food company management. Commercial customers and retailers are conscious of the realities of market-place incidents and seek assurance from their food company suppliers on the adequacy and effectiveness of the control systems that are in place. To address these requirements, food quality management systems (incorporating food safety) must increasingly be robust to meet such demands, whilst also remaining cost effective in order to meet commercial objectives. Teagasc works with food companies to provide confidential training, consultancy and auditing services to ensure compliance with food safety legislative and industry requirements.

The following table summarises the current range of courses available in Teagasc Ashtown (Dublin) and in Teagasc Moorepark (Fermoy, Cork).
# Food Industry Training courses at
## Teagasc Food Research Centre, Ashtown, Dublin

<table>
<thead>
<tr>
<th>Course Name</th>
<th>Course Aims</th>
<th>Duration</th>
<th>Target Participants</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Animal welfare Certificate of Competence training</strong></td>
<td>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.</td>
<td>One day</td>
<td>This course is aimed at meat operatives who are involved in the handling, lairage and slaughter of animals destined for human consumption.</td>
</tr>
<tr>
<td><strong>Animal welfare Officer training</strong></td>
<td>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.</td>
<td>One day</td>
<td>This course is aimed at designated meat industry personnel with the roles and responsibilities of ‘Animal Welfare Officer’.</td>
</tr>
</tbody>
</table>
| **Managing Food Safety through HACCP** | On completion of the training course participants should be able to:  
  - Understand the role of Prerequisite Hygiene (PRP), and Operational PRP’s in a HACCP based food safety management system  
  - Describe the requirements of Food Safety Management incorporating HACCP Standards  
  - Understand the principles of HACCP and how these are applied within a food safety and quality management system. | Two days | 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. |
| **Food Standards Auditing** | 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. | Two days training plus a half day assessment | 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. |
<table>
<thead>
<tr>
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</tr>
</thead>
</table>
| Introduction to Innovation / New Product Development (For the Food & Beverage Sector) | On completion of the training course, participants will:  
- Have obtained an overview of the Innovation / New Product Development (NPD) process  
- Be able to apply a structured approach to Innovation / NPD  
- Be able to identify gaps in your own innovation / NPD practices and implement improvements  
- Find out how one food entrepreneur has made it work  
- Have obtained an overview of your regulatory and labelling responsibilities  
- Be aware of Teagasc expertise and NPD facilities | One day | Entrepreneurs who have a development project to complete who have a food product idea.  
Individuals currently not working in the food processing area but feel they have a potential food product idea worth pursuing.  
Staff working in the Food & Beverage Sector who have responsibility for or involvement in Innovation / NPD activities. |

Additional Information

Margaret Hennessy,  
Teagasc Food Research Centre,  
Ashtown, Dublin 15. D15 KN3K  
Tel. 01 8059500  
Email courseadministrator@teagasc.ie

www.teagasc.ie/food/research-and-innovation/research-areas/food-industry-development/specialist-training
# Food Industry Training courses at
Teagasc Food Research Centre, Moorepark

<table>
<thead>
<tr>
<th>Course Name</th>
<th>Course Aims</th>
<th>Duration</th>
<th>Target Participants</th>
</tr>
</thead>
<tbody>
<tr>
<td>Farmhouse Cheese Making</td>
<td>This course aims to help companies achieve a more competitive position through improved knowledge of farmhouse cheese production and also marketing know-how, consumer insight and competency in relation to maintaining and building trade business.</td>
<td></td>
<td>This programme is aimed at both start-ups and current industry operators.</td>
</tr>
<tr>
<td>Natural Cheese Making</td>
<td>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.</td>
<td>Two days</td>
<td>New or trainee operators. Experienced operators who have had no previous formal training in this area.</td>
</tr>
<tr>
<td>Processed and Substitute Cheese Products</td>
<td>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.</td>
<td>Three days</td>
<td>New or trainee operators. Experienced operators who have had no previous formal training in this area.</td>
</tr>
<tr>
<td>Spray Drying</td>
<td>The course has been developed to provide the dairy processing operative with a better knowledge of the principles and practices involved in spray drying.</td>
<td>Four days</td>
<td>New or trainee operators who have successfully completed dairy food processing courses. Experienced operators who have had no previous formal training in this area.</td>
</tr>
<tr>
<td>Evaporation</td>
<td>The course has been developed to provide the dairy processing operative with a better knowledge of the principles and practices involved in evaporation.</td>
<td>Four days</td>
<td>New or trainee operators who have successfully completed Dairy Food Processing courses. Experienced operators who have had no previous formal training in this area.</td>
</tr>
<tr>
<td>Process Control and Management</td>
<td>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.</td>
<td>Two days</td>
<td>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.</td>
</tr>
<tr>
<td>Plant and Process – Dairy Hygiene</td>
<td>This course has been developed to provide the dairy operative with a better knowledge of the principles and practices of plant and process hygiene.</td>
<td>Two days</td>
<td>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.</td>
</tr>
<tr>
<td>Basic Milk Processing</td>
<td>This course has been developed to provide the dairy processing operative with a better knowledge of the principles and practices involved in milk processing.</td>
<td>Three days</td>
<td>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.</td>
</tr>
</tbody>
</table>

### Additional Information

Eddie O’Neill  
Teagasc Food Research Centre, Moorepark, Fermoy Co Cork.  
📞 025 42234  🆘 eddie.oneill@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)
Artisan Food Courses

For details contact:
Dairy – Eddie O’Neill
📞 025 42234
✉️ eddie.oneill@teagasc.ie

Postgraduate Certificate in Dairy Technology and Innovation (Level 9)

Course Duration: 1 year (part-time)
Awarding Body: UCC
Course Code: AL652
Location: UCC/Teagasc Moorepark
Application: Direct to UCC – online at www.pac.ie/ucc

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.
📞 021 490 2011
✉️ p.mcsweeney@ucc.ie

Mary McCarthy-Buckley
Food Industry Training Unit, College of Science, Engineering and Food Science, UCC.
📞 021 490 3363
✉️ m.mccarthybuckley@ucc.ie

www.ucc.ie/en/fitu/courses/pgcert
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 and three computer training rooms with 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
Teagasc, Ballyhaise College, Ballyhaise, Co Cavan. H12 E392
049 4338108
049 4338540
ballyhaise.college@teagasc.ie
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 accessibly 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

01 8040201
botanic.college@teagasc.ie
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
Teagasc, Clonakilty College, Darrara, Clonakilty, Co Cork. P85 AX52
+353 23 883 2500
clonakilty.college@teagasc.ie
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 (1,000 acres) 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, 40 ha tillage, 40 ha forestry and 33 ha 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
Gurteen College, Ballingarry, Roscrea, Co Tipperary.
E53 TP93
067 21282 info@gurteencollege.ie
www.gurteencollege.ie
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 replacement 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 are divided into early and mid-season lambing flocks. 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.

Open Source Sustainable Farm
The college has been designated as Teagasc lead centre for sustainable farming practice into the future. This project is supported by Glanbia.

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
Teagasc, Kildalton College, Piltown, via Carrick-on-Suir, Co Kilkenny. E32 YW08

051 644 400
051 643797
tim.ashmore@teagasc.ie
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
Mountbellew Agricultural College, Mountbellew, Co Galway. H53 WE00
Phone: 090 9679205
Mobile: 090 9679276
Email: edna.curley@mountbellewagri.com
Website: 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 200 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, QQI, City and Guilds, FÁS and the ETB.

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 indoor heated swimming pool, 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 300 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. The cows are milked in a 24 unit milking parlour. A new high index maternal suckler cow herd is being established on the college in partnership with ICBF and Teagasc. There is also a sheep flock of 150 March lambing ewes.

Contact
Derek O’Donoghue, Principal
Salesian Agricultural College, Pallaskenry, Co. Limerick. V94 V8N3

📞 061 393100
✉️ 061 393005
✉️ info@pallaskenry.com
网址 www.salesianag.com
Key Contacts

Tony Pettit
Head of Education
Teagasc Kildalton College Piltown
via Carrick on Suir
Co Kilkenny, E32 YW08
051 644 400
tony.pettit@teagasc.ie

Frank Murphy
Head of Curriculum Development & Standards
Teagasc Kildalton College Piltown
via Carrick on Suir
Co Kilkenny, E32 YW08
051 644 400
frank.murphy@teagasc.ie

College Principals

Ballyhaise (Agriculture & Forestry)
John Kelly
Teagasc Agricultural College
Ballyhaise
Co Cavan, H12 E392
049 433 8108
john.kelly@teagasc.ie

Botanic Gardens (Horticulture)
John Mulhern
Teagasc College of Amenity Horticulture
National Botanic Gardens
Glasnevin
Dublin 9, D09 VY63
01 804 0201
john.mulhern@teagasc.ie

Clonakilty (Agriculture)
Keith Kennedy
Teagasc Agricultural College
Darrara
Clonakilty
Co Cork, P85 EK80
023 883 3302
keith.kennedy@teagasc.ie

Gurteen (Agriculture)
Jon Parry
Gurteen College
Bailligarry
Roscrea
Co Tipperary, E53 TF93
067 21282
principal@gurteencollege.ie

Kildalton (Agriculture & Horticulture)
Tim Ashmore (Principal – Agriculture)
& Grainne McMahon (Assistant Principal – Horticulture)
Teagasc Kildalton Agriculture & Horticulture College
Piltown via Carrick on Suir
Co Kilkenny, E32 YW08
051 644 400
tim.ashmore@teagasc.ie
grainne.mcmahon@teagasc.ie

Mountbellew (Agriculture)
Dr. Edna Curley
Mountbellew Agricultural College
Mountbellew
Co Galway, H53 WE00
0909 679 205
edna.curley@mountbellewagri.com

Pallaskenry (Agriculture)
Derek O’Donoghue
Salesian Agricultural College
Pallaskenry
Co Limerick, V94 V8N3
061 393 100
derek.odonoghue@pallaskenry.com
Education Officers

**Cork East**
**Sharon O’Mahoney**
Teagasc, Midleton, Co Cork, P25 XW72
📞 021 4631898
✉️ sharon.omahoney@teagasc.ie

**Noreen O’Rahilly**
Teagasc, Sandfield, Mallow, Co Cork, P51 NF82
📞 022 21936
✉️ noreen.orahilly@teagasc.ie

**Cork West**
**Pat Flannery**
Teagasc, Codrum, Macroom, Co Cork, P12 TX32
📞 026 41604
✉️ patrick.flannery@teagasc.ie

**Waterford / Kilkenny**
**Hugh MacEneaney**
Teagasc, Mullinavat, Co Kilkenny, X91 YW32
📞 051 898137
✉️ hugh.maceneaney@teagasc.ie

**Galway / Clare**
**Serena Gibbons**
Teagasc, Mellows Campus, Athenry, Co Galway, H65 R718
📞 091 845228
✉️ serena.gibbons@teagasc.ie

**Kenneth Farrell**
Teagasc, Station Road, Ennis, Co. Clare, V95 R889
📞 076 1114341
✉️ kenneth.farrell@teagasc.ie

**Kerry / Limerick**
**Stephen Flattery**
Teagasc, Cleeney, Killarney, Co Kerry, V93 W935
📞 087 3826808
✉️ stephen.flattery@teagasc.ie

**Paddy Murphy**
Teagasc, Kilmallock, Co Limerick, V35 X012
📞 063 20476
✉️ paddy.murphy@teagasc.ie

**Laois / Kildare / Meath / Louth / Dublin**
**Bernadette Nulty**
Teagasc, Kells Road, Navan, Co Meath, C15 NR79
📞 046 9068134
✉️ bernadette.nulty@teagasc.ie

**Ciara Hickey**
Teagasc, Friary Road, Naas, Co Kildare, W91 HP38
📞 045 879203
✉️ ciara.hickey@teagasc.ie
Education Officers (continued)

Mayo
Brendan Garry
Teagasc, Abbey Road, Ballinrobe, Co Mayo, F31 DP26
📞 094 9542486
✉ brendan.garry@teagasc.ie

Padraig Walsh
Teagasc, Bunree Road, Ballina, Co Mayo, F26 NY96
📞 076 1113807
✉ padraig.walsh@teagasc.ie

Roscommon / Longford
Caitriona Corcoran
Teagasc, Abbey Street, Roscommon, F42 XC63
📞 090 6626166
✉ catriona.corcoran@teagasc.ie

Catherine Divilly
Teagasc, Abbey Street, Roscommon, F42 XC63
📞 090 6626166
✉ catherine.divilly@teagasc.ie

Therese Hilliard
Teagasc, Town Centre, Longford, N39 T180
📞 043 3341021
✉ therese.hilliard@teagasc.ie

Sligo / Leitrim / Donegal
Veronica Ryan
Teagasc, Sligo Road, Manorhamilton, Co Leitrim, F91 DXE1
📞 071 9835304
✉ veronica.ryan@teagasc.ie

Ciaran Kerins
Teagasc, Carrownany, Ballymote, Co Sligo, F56 A585
📞 071 9183369
✉ ciaran.kerins@teagasc.ie

Kevin McMenamin
Teagasc, Carnamuggagh, Letterkenny, Co Donegal, F92 VE89
📞 074 9194002
✉ kevin.mcmenamin@teagasc.ie

Tipperary
Billy Gleeson
Teagasc, Castlemeadows, Thurles, Co Tipperary, E41 AK40
📞 0504 21777
✉ billy.gleeson@teagasc.ie

Westmeath / Offaly / Cavan / Monaghan
Ned Heffernan
Teagasc, Bellview, Mullingar, Co Westmeath, N91 PK10
📞 044 9340721
✉ ned.heffernan@teagasc.ie

Wicklow/ Carlow/ Wexford
Grainne O’Shea
Teagasc, Oak Park, Carlow, R93 XE12
📞 087 9090530
✉ grainne.oshea@teagasc.ie

Paul Keogh
Teagasc, Coolruss, Tinahely, Co. Wicklow.
Y14 AN20
📞 087 1227639
✉ paul.keogh@teagasc.ie
Contact Details:

Teagasc Head Office
Head Office, Oak Park, Carlow
Tel: +353 (0) 59 9170200
Fax: +353 (0) 59 9182097
Email: info@teagasc.ie

www.teagasc.ie