

Teagasc Course Prospectus 2026



**New Entry
Requirements
in 2026**

See Page 13

Schedule of College Open Days

Autumn 2025

FRIDAY, 3RD OCTOBER

Ballyhaise (Agriculture)

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

🕒 9.30am – 1.00pm / *Advanced booking is essential*

Principal: John Kelly

☎ 049-4338108

✉ ballyhaise.college@teagasc.ie

FRIDAY, 3RD OCTOBER

Clonakilty (Agriculture)

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

🕒 11am – 1pm / *Tours on-going*

Principal: Keith Kennedy

☎ 023-8832500

✉ clonakilty.college@teagasc.ie

FRIDAY, 3RD OCTOBER

Kildalton (Agriculture, Horticulture & Equine)

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

🕒 Tours start at 10am & 11am

Principal: Tim Ashmore

☎ 051-644400

✉ kildalton.college@teagasc.ie

WEDNESDAY, 8th OCTOBER

Mountbellew (Agriculture)

Mountbellew Agricultural College, Mountbellew,
Co. Galway, H53 WE00

🕒 10am – 12:30pm / *Tours on-going*

Principal: Edna Curley

☎ 0909-679205

✉ admissions@mountbellewac.ie

FRIDAY, 10TH OCTOBER

Gurteen (Agriculture)

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

🕒 10:30am – 12:30pm / *Tours on-going*

Principal: Jon Parry

☎ 067-21282

✉ info@gurteencollege.ie

THURSDAY, 30TH OCTOBER

Pallaskenry (Agriculture)

Salesian Agricultural College, Pallaskenry,
Co. Limerick, V94 V8N3

🕒 10am – 1pm / *Tours on-going*

Principal: Derek O'Donoghue

☎ 061-393100

✉ info@pallaskenry.com

THURSDAY, 13TH NOVEMBER

Botanic Gardens (Horticulture)

Teagasc, College of Horticulture,
Teagasc Ashtown Campus, Dublin 15, D15 DY05

🕒 12 noon – 3pm / *Tours on-going*

Principal: John Mulhern

☎ 01-8040201

✉ botanic.college@teagasc.ie

Spring 2026

WEDNESDAY, 4TH MARCH

Mountbellew (Agriculture)

Mountbellew Agricultural College, Mountbellew,
Co. Galway, H53 WE00

🕒 10am – 12:30pm / *Tours on-going*

Principal: Edna Curley

☎ 0909-679205

✉ admissions@mountbellewac.ie

THURSDAY, 5TH MARCH / FRIDAY, 8TH MAY

Gurteen (Agriculture)

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

🕒 10:30am – 12:30pm / *Tours on-going*

Principal: Jon Parry

☎ 067-21282

✉ info@gurteencollege.ie

FRIDAY, 6TH MARCH

Clonakilty (Agriculture)

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

🕒 11am – 1pm / *Tours on-going*

Principal: Keith Kennedy

☎ 023-8832500

✉ clonakilty.college@teagasc.ie

FRIDAY, 6TH MARCH

Kildalton (Agriculture & Horticulture)

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

🕒 Tours start at 10am & 11am

Principal: Tim Ashmore

☎ 051-644400

✉ kildalton.college@teagasc.ie

THURSDAY, 12TH MARCH / THURSDAY 11TH JUNE

Botanic Gardens (Horticulture)

Teagasc, College of Horticulture, National Botanic
Gardens, Glasnevin, Dublin 9, D09 VY63

🕒 12 noon – 3pm / *Tours on-going*

Principal: John Mulhern

☎ 01-8040201

✉ botanic.college@teagasc.ie

THURSDAY, 19TH MARCH

Ballyhaise (Agriculture and Forestry)

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

🕒 9:30am – 1pm / *Advanced booking is essential*

Principal: John Kelly

☎ 049-4338108

✉ ballyhaise.college@teagasc.ie

FRIDAY, 24TH APRIL

Pallaskenry (Agriculture)

Salesian Agricultural College, Pallaskenry,
Co. Limerick, V94 V8N3

🕒 10am – 1pm / *Tours on-going*

Principal: Derek O'Donoghue

☎ 061-393100

✉ info@pallaskenry.com

Welcome to the Teagasc Prospectus of Courses for 2026



Dr. Anne-Marie Butler

At Teagasc, we are proud to be Ireland's leading provider of land-based education, committed to equipping learners with the knowledge, skills, and confidence to build a sustainable and prosperous future in agriculture, horticulture, equine, and forestry sectors. Our education programmes are designed to blend scientific excellence with practical, hands-on learning – ensuring that graduates are not only well-informed but workplace-ready.

As the challenges and opportunities facing the land-based sector evolve – from climate action and technological innovation to generational renewal – Teagasc remains at the forefront of educational delivery. We offer inclusive, flexible, and learner-centred programmes across a nationwide network of colleges and training centres, with clear progression pathways from further education to higher education and apprenticeships.

Whether you are a school leaver, career changer, or aspiring entrepreneur, our courses offer the ideal foundation for personal growth and professional success. You will benefit from modern facilities, expert educators, and strong connections to research and advisory services, all working together to support your journey.

We invite you to explore our wide range of programmes and join a vibrant learning community where your passion for the land-based sector can become a meaningful and impactful career.

On behalf of Teagasc Education, we wish you the very best in your learning journey and look forward to supporting you each step of the way.

Dr. Anne-Marie Butler
Head of Education, Teagasc



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

Contents

Why Choose a Teagasc Course?	3
Benefits of Training with Teagasc	4
Apprenticeship Programmes	5
National and International Skills Competition	6
Teagasc education resources – reasons to train with Teagasc	7
Student support	8
Teagasc on the National Qualifications Framework	9
International Students	9
Further Education & Training Courses	10
Careers in the land-based sector	11
Entry Requirements	13
What is needed to participate?	13
Dairy	14
Drystock	16
Crops and Machinery	18
Agricultural Mechanisation	20
Adult Green Cert Programmes	22
Horticulture	24
Equine	28
Forestry	32
Teagasc Higher Education Apprenticeships	38
Sportsturf Management Apprenticeship	40
Horticulturist Apprenticeship	42
Farm Technician Apprenticeship	44
Farm Manager Apprenticeship	46
Higher Education Opportunities	48
Teagasc Clonakilty Agricultural College Munster Technological University – Cork	51
Teagasc Clonakilty Agricultural College Munster Technological University – Kerry	51
Teagasc Ballyhaise Agricultural College Dundalk Institute of Technology	52
Teagasc Mountbellew Agricultural College Atlantic Technological University – Galway	53
Teagasc Salesian Agricultural College, Pallaskenry Technological University of the Shannon: Midlands Midwest	55
Teagasc Kildalton Agricultural College South East Technological University – Waterford	56
Teagasc Moorepark & Kildalton College University College Dublin	58
Teagasc Moorepark University College Cork	59
ConnectEd Courses & Lifelong Learning	60
Teagasc Food Industry Training	63
Locations & Contact	69
Ballyhaise Agricultural College	70
College of Amenity Horticulture, Botanic Gardens	71
Clonakilty Agricultural College	72
Gurteen College	73
Kildalton Agricultural & Horticultural College	74
Mountbellew Agricultural College	75
Salesian Agricultural College, Pallaskenry	76
Key Contacts	77
College Principals	77
Education Officers	78

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.

'Hands on' Environment

Teaching and learning is a combination of classroom and up to 50% outdoor practical instruction on full-time courses. Our practical instruction allows mutual interaction to develop between tutors and students in a 'hands on' learning environment.

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 support, encourage and facilitate students to complete their PLP overseas. Our PLP programmes are delivered through a network of over 1,000 registered host farms and units.

Work based learning is a major component of Teagasc apprenticeships programmes. Apprentices are employed with a SOLAS approved employer and earn as they learn.

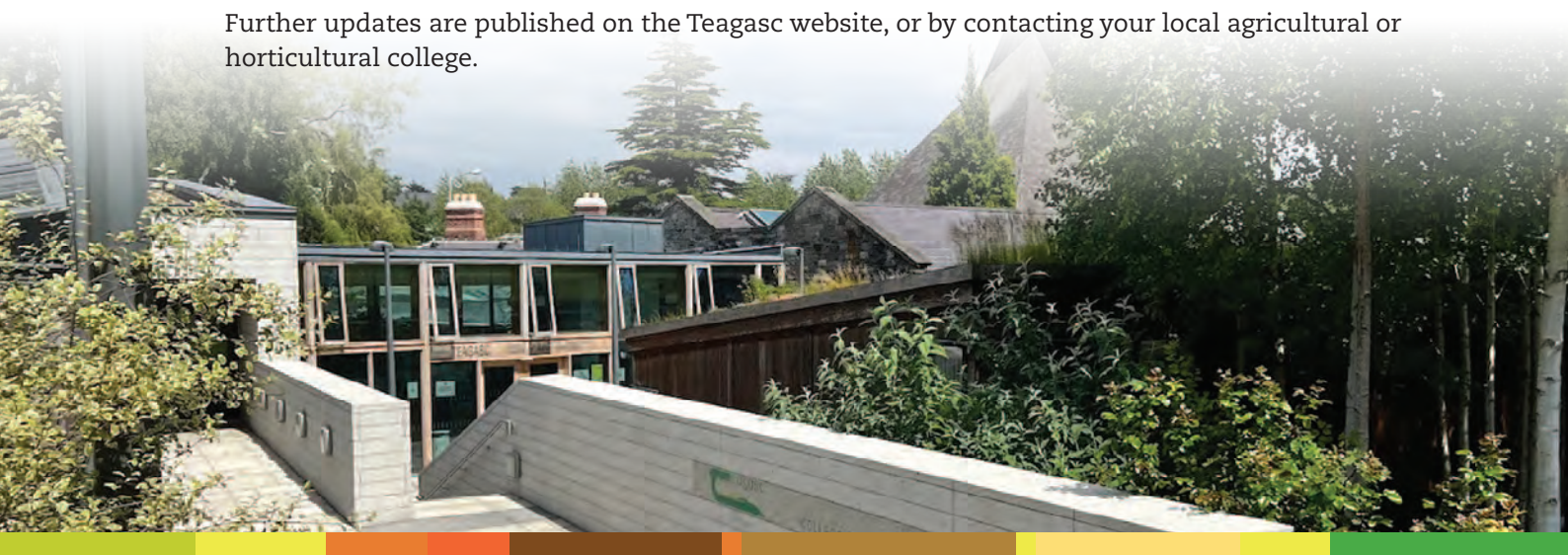
Specialist Resourced

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 13 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.

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



Benefits of Training 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. Apprenticeship training is now available in agriculture, farm management, horticulture and sports turf management.

- You receive specialist skills training and gain an in-depth understanding of progressive farming, crop and livestock production systems.
- 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.
- You will receive internationally recognised awards.
- A QQI qualification will prepare you for your future career, allow progression into higher education and increase your employment opportunities.
- Opportunities are available to progress by advanced entry into second year of higher education degree programmes is possible at many Technological Universities.
- 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.
- 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. There will be an increased demand for professional farm managers.

Become a “Trained Farmer”

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 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 additional benefits for young trained farmers.

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
- Farm sustainably and meet the requirements of climate change and smart farming
- 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 precision farming, sensor technology, automation and robotics
- Become digitally literate to exploit future technology to the maximum.

Teagasc Graduates Stay in the Industry

Teagasc conducts a 'look back' survey among its Level 6 graduates five years after they graduate. The findings show:

Very high level of graduate respondents 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.

Apprenticeship Programmes

Teagasc introduced 4 apprenticeship programmes in 2023:

- **Sportsturf Technician** (Higher Certificate Level 6) 2-year duration
- **Horticulturist** (Higher Certificate Level 6) 2-year duration
- **Farm Technician** (Higher Certificate Level 6) 2-year duration
- **Farm Manager** (Ordinary Level 7 Bachelor Degree) 2-year duration
- Teagasc is working with industry to develop and validate a new ordinary Level 7 Bachelor Degree for assistant stud managers. Additional details will be made available when this course has been validated with QQI.

Further updates on apprenticeship training will be published on the Teagasc website.



National and International Skills Competitions



Teagasc Education Resources – Reasons to Train with Teagasc

- 1. Education Staff** delivering Teagasc programmes are subject matter experts in crop/livestock production, mechanisation, farm management and sustainable production. They will mentor you and support your learning throughout your course.
- 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.

Our colleges also have an extensive range of farm machinery, simulators, 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 has access to substantial areas of forestry for practical skills training.
- 3. Research Linkages:** 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:** Teagasc has over 1,000 active host farms and host units that provide in-situ practical learning periods (placement) for Teagasc learners.
- 5. Benchmark / Signpost Farms:** Teagasc links with commercial farms known as 'Education Benchmark Farms' which are utilised for learner benchmarking exercises and learner discussion group visits.

College farms are part of the Teagasc Signpost Programme. Farms are used to demonstrate environmental best practice in production which prepares learners to farm sustainably and meet the requirements of climate change and smart farming.



Teagasc research programmes have been established at Teagasc Clonakilty and Ballyhaise Colleges. Kildalton College is a significant base for Teagasc and Department 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.

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 want 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 encourage students to reach out and seek support if difficulties arise during your studies. We work with you and support your learning in a confidential way.

Access, Transfer and Progression

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

Teagasc provides up-to-date, accurate, and clear information in relation to entry requirements, transfer, and progression opportunities. Teagasc encourage learners to progress through the various stages of accredited programmes by providing them with transparent paths of progression between programmes.

Please note the entry requirements are subject to change based on programmatic reviews.

Dignity and Respect

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

A Learner Representative Committee works in partnership with the college/centre management and staff for the benefit of all involved in the programme. This partnership helps to build relationships and provide a forum for discussion to enhancing the learner experience. Learners from all courses at a college/centre are represented. A schedule of formal meetings is managed by the college principal or course

co-ordinator where topics including teaching, assessments, learner support, work experience, policies and facilities can be discussed.

Learner Support

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

Student Assistance Programme (SAP)

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

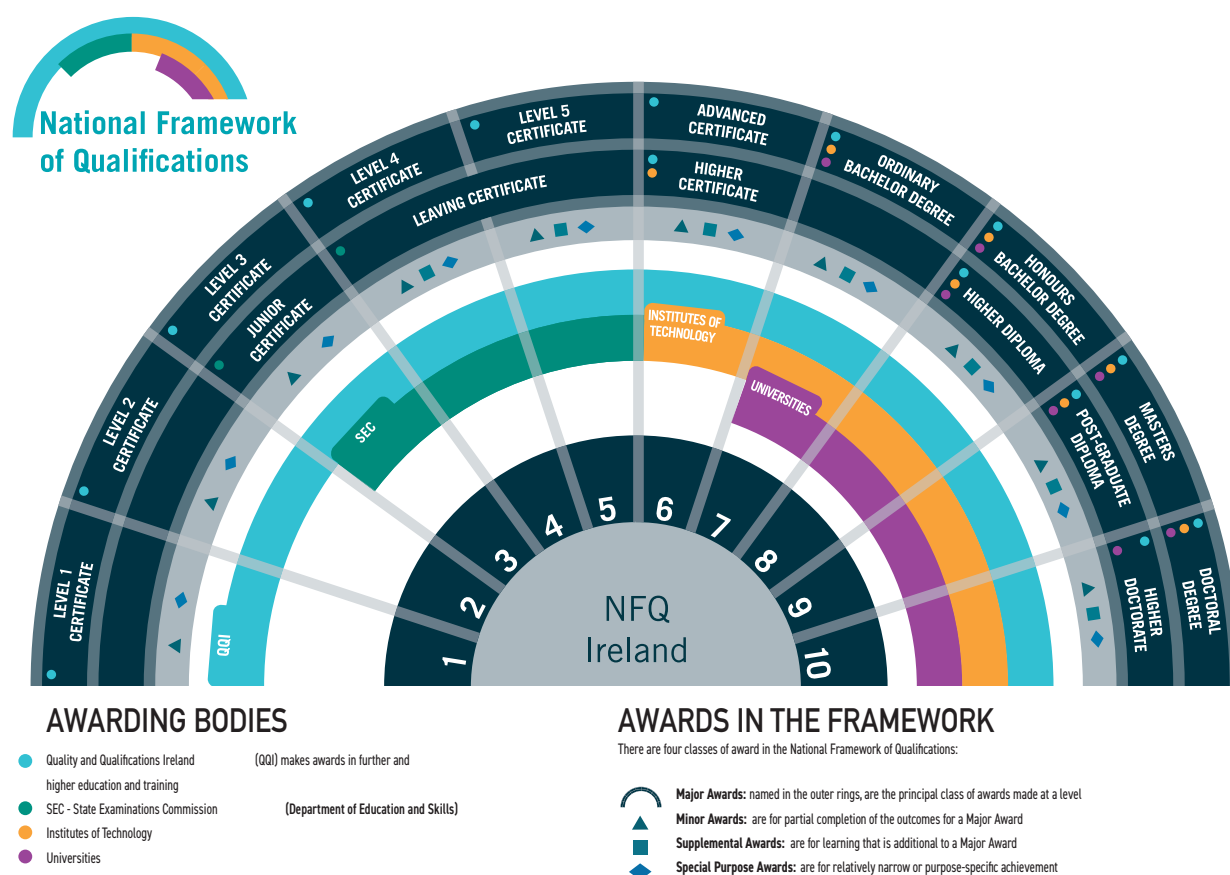
Teagasc provides student maintenance grants to eligible students participating on full-time Level 5 and Level 6 programmes. Assessment for eligibility is based on criteria similar to those for higher education student maintenance grants. Please note that Teagasc student maintenance grant applications 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 is a QQI registered provider of further education at Level 5 and Level 6, and higher education apprenticeships at Level 6 and Level 7.
- Teagasc also partners with Higher Education Institutes to co-deliver degree programmes at Level 7 and Level 8 (Partner higher education providers are listed later in the Prospectus).
- At Level 9 and Level 10 (Masters and PhD), Teagasc provides a Walsh Scholarship programme that sponsors students to work and carry out applied research in Teagasc while achieving their Masters or PhD qualification with the partner university.
- See www.teagasc.ie/about/opportunities/post-doctoral-opportunities/ for more detail.



International Students

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

Teagasc programmes are taught through English. All applicants are required to demonstrate a high level of competency in the English language. Applicants whose first language is not English are required to have a minimum level on the Common European Framework of Reference for Languages.



Further 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 2024, Ireland exported food to over 180 countries, and the value of Irish food and drinks exports were €17 billion.

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

Career Stepping Stones

Teagasc education and training is centred on three core occupational roles

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

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

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

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

Education and Career Stepping stone guide



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

Recommended Education Pathways for Careers in the Land-based Sector

The Operative	The Technician	The Manager
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.	Required Competences • Lead and carry out routine activities. • Carry out unit administration and recording duties. • Carry out certain evaluation activities. • Take routine unit decisions. • Plan for and manage problems. • Supervise resources. Recommended Teagasc education pathway: Level 6 Advanced Certificate. – two year pathway incorporating the Level 5 Certificate and the Level 6 Advanced Certificate. or Level 6 Higher Education apprenticeship programme.	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 Higher Education Certificate. or Level 7 land-based higher education degree.

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

Entry Requirements for Full-Time Level 5 Education Courses

Applicants must satisfy at least one of the following four entry criteria:

1. Junior Cycle Profile of Achievement (JCPA)

- Applicants must be 18 years of age on the 1st September on the year of entry and met the 'Achieved' standard in four subjects.

2. Leaving Certificate

Applicants must be 17 years of age on the 1st January following the year of entry to the Teagasc programme, and meet at least one of the following criteria:

- Leaving Certificate Established with minimum grades of O6/H7 in at least four subjects.
- or
- Leaving Certificate Vocational Programme (LCVP) with minimum grades of O6/H7 in at least two subjects and achieved a 'Pass' in at least two link modules.
- or
- Leaving Certificate Applied with a minimum 'Pass' grade achieved.

3. QQI Level 4 (or higher) Major award

- Applicants must be 17 years of age on the 1st January following the year of entry to the Teagasc programme and hold a QQI Level 4 or higher major award.

4. Adult Learners

- Applicants who are Adult Learners (23 years or older on 1st September on the year of entry), who do not meet any of the criteria in 1 to 3 above, may apply through an interview process.

Please note:

- Additional entry requirements specific to equine and forestry courses are required. Where applicable, these are listed in the relevant course detail section
- Applicants who hold Leaving Certificate or Junior Certificate qualifications that predate the current Leaving Certificate and Junior Certificate programmes meet Teagasc entry requirements, provided they are deemed equivalent to those listed above
- Applicants who hold international qualifications deemed equivalent to those listed above meet Teagasc entry requirements.
- The above entry requirements also apply to applicants for component awards.
- Teagasc further education courses are delivered through the medium of English and applicants are required to meet the Common European Framework of Reference for Languages (CEFR) at Level B2. The CEFR Certificate must have been issued within two years of the start date of your course.

What is Needed to Participate in Teagasc Programmes?

Teagasc programmes incorporate technical knowledge and practical skills with animals, plants and the safe operation of machinery and equipment. Learners need to be able to take instruction, work with plants and/or animals, operate equipment independently and safely. The learner must demonstrate knowledge, skills and analytical thinking needed in a land-based work environment. The learner is required to complete independent learning. Teagasc courses align with QQI NFQ Grid Level indicators for knowledge, skills and competencies from NFQ levels 5 to 7.

Independent learning means that you need to be able to learn in class, through hands-on work and by yourself. You will be marked through exams, assignment work, and by showing you can do practical tasks using equipment. You will need to keep a diary or portfolio during your work experience. You will need numeracy, literacy and digital skills to participate in the course for independent and self-directed learning.

Dairy

This full-time drystock education option is offered at:

Teagasc Ballyhaise College, Co. Cavan

Teagasc Clonakilty College, Co. Cork

Gurteen Agricultural College, Co. Tipperary

Teagasc Kildalton College, Co. Kilkenny

Mountbellew Agricultural College, Co. Galway

Salesian Agricultural College, Pallaskenry,
Co. Limerick



Dairy Herd Management

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

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

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

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

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

Entry Requirements: There is a separate application process for each programme. Entry requirements for level 5 are detailed on the Entry requirements on page 13. To enter the Level 6 Programme, applicants must successfully complete the Level 5 Certificate in Agriculture, or equivalent course, to meet the entry requirements for the Advanced Certificate in Agriculture (Dairy Herd Management). Applicants with relevant prior learning and/or life experience will also be considered.

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

Transfer and Progression

Graduates who successfully complete the L5 Certificate in Agriculture may apply to progress to the Teagasc Higher Education Farm Technician Apprenticeship.

Graduates who successfully complete the L6 Advanced Certificate in Agriculture may apply to progress to the Teagasc Higher Education Farm Manager Apprenticeship.

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

Advanced entry into higher education:

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

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

What will you Study?

Sample content from the Teagasc Level 5 Certificate in Agriculture programme

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

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

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

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

Graduate Profile



Luke Hosford
County Cork

Current position: I'm currently farming at home and relief milking for a number of farmers. I'm making the switch from beef to dairying and my favourite part of that is the different challenges that pop up every day. I love the breeding and grassland management side of my career, and I have just recently completed an AI course.

Course completed and location: I completed the Level 5 Certificate in Agriculture & Level 6 Advanced Certificate in Agriculture (Dairy Herd Management) in Clonakilty Agricultural College.

All of the course was important to my career – the business side, breeding, animal health, environmental aspects all combined to become a resilient farmer. Practical things like incorporating clover in grass, improving EBI, getting decent solids from cows. I also really enjoyed my time on placement on different farms.

I'm getting into cows next year, milking 60 cows. It's exciting for me to begin the next phase.

The advice I would give to anyone wishing to pursue a career in this area is to Show Up! You learn so much every day, the lecturers are great and the friends you make will last a lifetime!

Drystock

This full-time dairy education option is offered at:

Teagasc Ballyhaise College, Co. Cavan

Teagasc Clonakilty College, Co. Cork

Gurteen Agricultural College, Co. Tipperary

Teagasc Kildalton College, Co. Kilkenny

Mountbellew Agricultural College, Co. Galway

Salesian Agricultural College, Pallaskenry,
Co. Limerick



Drystock Herd Management

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

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

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

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

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

Entry Requirements: There is a separate application process for each programme. Entry requirements for level 5 are detailed on the Entry Requirements page 13. To enter the Level 6 Programme, applicants must successfully complete the Level 5 Certificate in Agriculture, or equivalent course, to meet the entry requirements for the Advanced Certificate in Agriculture (Drystock Herd Management). Applicants with relevant prior learning and/or life experience will also be considered.

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

Progression

Graduates who successfully complete the L5 Certificate in Agriculture may apply to progress to the Teagasc Higher Education Farm Technician Apprenticeship.

Graduates who successfully complete the L6 Advanced Certificate in Agriculture may apply to progress to the Teagasc Higher Education Farm Manager Apprenticeship.

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

Advanced entry into higher education:

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

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

What will you Study?

Sample content from the Teagasc Level 5 Certificate in Agriculture programme

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

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

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

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

Graduate Profile



Eoghan Fitzpatrick
County Laois

I completed the Level 6 Advanced Certificate in Agriculture in 2022 in Gurteen College after completing the Level 5 Certificate in Agriculture in 2021. I specialised in Drystock Management.

The course was recommended to me by friends. The majority of the learning is practical with chances to work on farm doing live demos. I found this very helpful and benefited greatly from carrying out tasks that I had never done on my home farm.

My favourite thing about Gurteen is how helpful the staff are. Smaller groups mean that you can ask plenty of questions. Staff are very approachable to ask for advice.

In our groups as part of the course we were asked to carry out charity events for local charities. I enjoyed the way each group supported each other and will have fond memories of this.

I would happily recommend the course to young people who want to learn more about agriculture.

Crops and Machinery

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

Teagasc Kildalton College,
Co. Kilkenny

Gurteen Agricultural College,
Co. Tipperary



Crops and Machinery Management

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

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

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

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

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

Entry Requirements: There is a separate application process for each programme. Entry requirements for level 5 are detailed on the Entry Requirements page 13. To enter the Level 6 Programme, applicants must successfully complete the Level 5 Certificate in Agriculture, or equivalent course to meet the entry requirements for the Advanced Certificate in Agriculture (Crops & Machinery Management) programme.

Places on the Level 6 Advanced Certificate in Crops and Machinery may be limited. Applicants will be required to undergo an interview and a skills assessment. All applicants are required to hold a valid category W driving licence.

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

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

Progression

Graduates who successfully complete the L5 Certificate in Agriculture may apply to progress to the Teagasc Higher Education Farm Technician Apprenticeship.

Graduates who successfully complete the L6 Advanced Certificate in Agriculture may apply to progress to the Teagasc Higher Education Farm Manager Apprenticeship.

Higher Education Links Scheme:

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

Advanced entry into higher education:

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

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

What will you Study?

Sample content from the Teagasc Level 5 Certificate in Agriculture programme

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

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

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

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

Graduate Profile



Sam Cassells
County Kildare

My name is Sam Cassells, from Castledermot County Kildare. We have been farming here for about four generations. We are predominantly tillage with a small number of cattle.

I completed the Level 6 Advanced Certificate in Agriculture Crops and Machinery course at Kildalton college. I wanted to do this course as I was more interested in tillage than livestock farming. The machinery aspect of this course also appealed to me, as we would always be tinkering with some type of machinery at home, whether it be vintage or more modern machines.

I loved the fact that the course was so practical. I also loved the modern new fleet of machinery that Kildalton has, as it is great to learn about new machinery and also be able to compare two machines that are working together simultaneously. The lecturers on this course have so much time to give to each student one-on-one.

The experience you will receive through farm placements, farm trips and just by general practical work in classes in the college will benefit you and stand to you in years to come through which I can definitely relate to the day-to-day running of a farm.

Completing this course has allowed me to receive a Green cert and to have more of a say in the day-to-day running of our farm and also participate in important decision-making. Down the road, I am looking to expand the farming operation.

Agricultural Mechanisation

This course is offered at:

Teagasc Ballyhaise College, Co. Cavan

Teagasc Clonakilty College, Co. Cork

Salesian Agricultural College, Pallaskenry,
Co. Limerick

Mountbellew Agricultural College,
Co. Galway



Agricultural Mechanisation

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

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

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

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

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

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

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

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

Entry Requirements: There is a separate application process for each programme. Entry requirements for level 5 are detailed on the Entry requirements on page 13. Applicants must successfully complete the Level 5 Certificate in Agriculture, or equivalent course, to meet the entry requirements for the Advanced Certificate in Agriculture (Mechanisation). Places on the Level 6 Advanced Certificate in Mechanisation may be limited. Where places are limited this course will be offered to applicants following an interview and a skills assessment.

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

Progression

Graduates who successfully complete the L5 Certificate in Agriculture may apply to progress to the Teagasc Higher Education Farm Technician Apprenticeship.

Graduates who successfully complete the L6 Advanced Certificate in Agriculture may apply to progress to the Teagasc Higher Education Farm Manager Apprenticeship.

Higher Education Links Scheme:

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

Advanced entry into higher education:

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

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

What will you Study?

Sample content from the Teagasc Level 5 Certificate in Agriculture programme

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

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

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

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

**Plus electives which allow for specialisation.*

Graduate Profile



Conor Reid
County Wicklow

I completed the Level 6 Advanced Certificate in Agriculture – Mechanisation at Salesian Agricultural College, Pallaskenry.

I enjoyed the fact there were lots of hands-on practicals. We spent at least 50% of the time in the workshops or operating machinery on the college farm. I also liked the computer work especially the CAD. The teaching staff and technicians were very helpful, friendly and knowledgeable. I got to meet new people from all over the country.

In my final year project, I fabricated a 4-foot tine grab. It is something that will be useful on our home farm. With guidance from college staff, I was able to fabricate this project on my own.

I want to keep studying. I hope to complete the Higher Certificate in Engineering in Agricultural Mechanisation at TUS / Pallaskenry and hopefully then the Level 7 Bachelor of Ag Eng at TUS / Pallaskenry.

The advice I would give is to stick with it. You do not need to have a background in mechanisation or machinery. All you need is interest. The college staff will start you off with the basics and show you everything.

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.

Programmes: Teagasc Part-time Green Cert Programme

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

Qualifications:

- Level 5 Certificate in Agriculture Award (5M20454)
- Level 6 Specific Purpose in Farming (6S20487).

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

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

Subsequently applications are made online through the Teagasc public website:

www.teagasc.ie/agriculture-courses/.

Progression

Graduates of the course are eligible to progress to the Teagasc Higher Education Farm Technician Apprenticeship or apply for entry to linked courses through the Higher Education Links Scheme.

Graduate Profile



Jonathan Keenaghan
County Mayo

I grew up on the family farm outside of Belmullet, Co Mayo and I now run the family farm, and I work part-time in the construction sector. I enrolled for the Teagasc Part-time Green Cert programme in the Mayo region which was delivered in the Ballinrobe Regional Education Centre as I was able to fit the course into my schedule without affecting my worklife balance.

The course took over 2 years to complete with classes running from September to June with practical skills delivered over the summer months.

During the course I really enjoyed the practical skills classes while as I progressed through the course, I found the Grassland Management module gave me a very good insight into how to manage grass on our home farm throughout the year. The Farm Performance Measurement benchmark visits were really beneficial and will be a benefit to me in the years ahead.

All aspects of modern-day farming were dealt with on the course from Soil Science to Financial Management to Sustainable Farming practices. The completion of the € Profit Monitor was very useful as it gave me a great indication on how the farm is performing financially.

Throughout the course I got great assistance and advice from the course tutors. Over the duration of the course, I made some great friends some of whom I have remained in contact with since completing the course.

I would encourage anyone who is interested in a future in farming to enrol for the course as it's very enjoyable and you are never too old to learn something new especially with all the changes in farming in recent years.

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.

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

Duration: The course extends over a minimum of 15–18 months.

Qualifications:

- Level 5 Certificate in Agriculture Award (5M20454)
- Level 6 Specific Purpose 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/

Progression

Graduates of the course are eligible to progress to the Teagasc Higher Education Farm Technician Apprenticeship or apply for entry to linked courses through the Higher Education Links Scheme.

What will you Study?

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

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

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

Involves classroom and practical instruction and remote learning. *Choice of module will be at the discretion of the college/centre

Graduate Profile



Shane O'Brien
County Cork

Current Occupation: Full time farmer, I manage my own and my fathers' tillage, drystock and hogget fattening enterprises.

Course Location: Distance Education Green Cert in Teagasc Midleton.

While there were many interesting areas covered, I found the practical days most useful during the course. These were very hands on and informative with practical information that could be used on my home farm. Areas new to me such as grassland management and grass measuring were invaluable in bringing back to put into practice on my home farm. My main focus is profitability, increasing sustainability and efficiency.

The advice I would give is take the time to see as many different aspects of agriculture that you are potentially interested in before you settle down. The knowledge gained can be invaluable to bring back to your own enterprise. It's always interesting to gain different ideas and opinions from those with backgrounds that may be different than yourself. You are never too old to learn.

Horticulture

This course is currently provided at two Teagasc horticultural colleges:

College of Amenity Horticulture,
National Botanic Gardens

Kildalton College, Piltown, Co. Kilkenny



Level 5 Certificate in Horticulture

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

Duration: 1 year (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: Entry requirements for level 5 are detailed on the Entry requirements on page 13.

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.

Level 6 Advanced Certificate in Horticulture

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

Duration: 1 year (full-time)

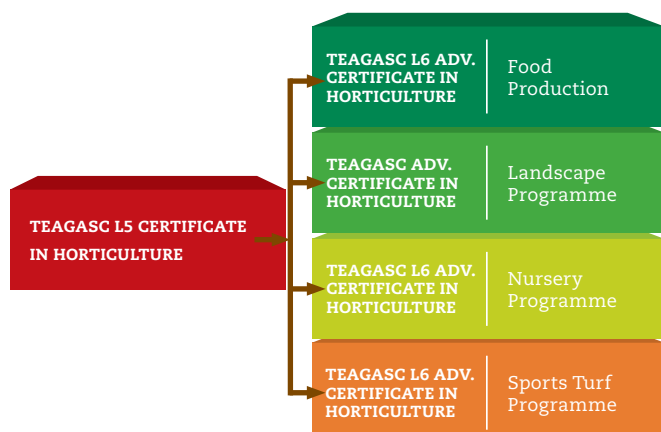
Qualifications: This programme is validated by the QQI and leads to a major award Level 6 Advanced Certificate in Horticulture (6M4334).

Entry Requirements: Students who have successfully completed the Level 5 Certificate in Horticulture are eligible to apply for the Level 6 full time horticulture programmes, Level 6 Horticulturist Apprenticeship or Level 6 Sportsturf Management Apprenticeship. 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 who successfully complete the programme can progress to the Teagasc Higher Education Sportsturf or Horticulturist apprenticeship. Students can progress to the BSc Horticulture offered by SETU - Waterford (www.setu.ie) subject to meeting requirements. Applicants should check this process with the relevant Institute/University. There may be other opportunities via the higher education links scheme. More detail is available on www.cao.ie.

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



What will you Study?

Sample content from the Teagasc Level 5 Certificate in Horticulture Programme

QQI Code	Title	Level	Credits
5N1433	Work Practice	5	15
5N2546	Plant Protection	5	15
5N2528	Plant Science	5	10
5N2527	Plant Identification and Use	5	10
5N2530	Soil Science and Growing Media	5	10
5N20380	Safe Use of Pesticide Products	5	5
	Personal Development module*	5	15
	Wide range of elective modules*	5	45

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

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

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

QQI Code	Title	Level	Credits
6N3620	Landscape Design and Construction	6	30
6N3607	Garden and Parks Supervision*	6	30
	Personal Development module*	5	15
	Electives*	6	45

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

QQI Code	Title	Level	Credits
6N3610	Nursery Stock Production	6	30
6N3609	Garden Centre Operations*	6	30
	Personal Development module*	6	30
	Electives*	6	30

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

QQI Code	Title	Level	Credits
6N3622	Sports Turf Science and Maintenance	6	30
6N3607	Garden and Parks Supervision*	6	30
	Personal Development module*	6	30
	Electives*	5	30

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

Short Duration Courses

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

Plant Identification & Use

(Level 5 Component Award – QQI 5N2527)

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

Horticulture Mechanisation

(Level 5 Component Award – QQI 5N2527)

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

Fruit and Vegetable Production

(Level 5 Component Award – QQI 5N2552)

This course is for anyone who wants to deepen their knowledge of the production of food crops, or for those with a general interest in horticulture.

Students will be taught the skills to grow and manage a wide variety of fruit and vegetables across all seasons.

Landscape Construction & Maintenance

(Level 5 Component Award – QQI 5N1908)

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

Plant Propagation

(Level 5 Component Award – QQI 5N2547)

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

Plant Protection

(Level 5 Component Award – QQI 5N2546)

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

Graduate Profile



Sarah Simpson
County Dublin

Course: Level 6 Advanced Certificate in Horticulture

“I began my studies in the Teagasc College of Amenity Horticulture in 2018, first completing the Level 5 Certificate. Once I had got the ‘bug’ for horticulture, I decided to continue my studies on the Level 6 Advanced Certificate programme part-time while gaining experience working in the industry.

“Since 2022 I have been a technician in the Teagasc College of Amenity Horticulture whilst at the same time studying towards my Level 7 BSc in Horticulture. My role as technician involves delivering practical classes in modules across the Level 5 and 6 courses, mostly in the areas of plant propagation, plant identification and biodiversity.

“In May 2025 I was very proud to win *Young Horticulturist of the Year*, and plan to use the travel bursary I was awarded to work on a plant conservation project in South Africa next year.”

Ecology & the Environment

(Level 6 Component Award – QQI 6N3624)

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

Garden Centre Operations

(Level 6 Component Award – QQI 6N3609)

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

Landscape Design & Construction

(Level 6 Component Award – QQI 6N3620)

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

Market Gardening

(Level 6 Component Award – QQI 6N3610)

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

Nursery Stock Production

(Level 6 Component Award – QQI 6N3610)

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

Sportsturf Science and Maintenance

Level 6 Component Award – QQI 6N3623)

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

Tree and Shrub Management

(Level 6 Component Award – QQI 6N3624)

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

Garden and Parks Supervision

(Level 6 Component Award – QQI 6N3607)

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

Graduate Profile



Ryan Hyland
County Wexford

Current Position: Landscape Construction, Davidstown Landscaping

Course Completed: Level 6 Advanced Certificate in Horticulture.

I like working in landscape construction as I get to work outdoors. I get to take a garden from the design stage and complete construction which is the most satisfying part of the job. When I was younger, I worked in the family nursery and landscaping business, and I knew this was the area in which I was interested in pursuing further.

The modules in the level 5 Certificate in Horticulture that I found most beneficial to my job now were soil science and growing media and horticultural mechanisation. I completed my work experience with Davidstown Landscaping and was offered a job there once I finished college. I really enjoyed the course at Kildalton College as it was very hands on. They have a really large horticultural unit where they allow you to gain experience in a wide range of horticultural industries and on different types of machinery and equipment.

I would advise anyone thinking of a career in horticulture to complete this course. It gives a great foundation in all aspects of horticulture. It is very practical, and you get to learn through doing.

Equine

Teagasc Kildalton College, Piltown,
Co. Kilkenny

Gurteen Agricultural College,
Co. Tipperary



Horsemanship/Equitation

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

Sport Horse Industry

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

This training will equip the learner with the knowledge and skills for employment opportunities in the industry. This course aims to improve knowledge and skills relating to riding, breaking, training horses and encourage students towards Horse Sport Ireland and British Horse Society riding and coaching qualifications. Students who successfully complete Level 6 are qualified to teach in AIRE (Association of Irish Riding Establishments) approved centres.

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

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

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

- Level 5 Certificate in Horsemanship Award (5M3371)
- Level 6 Advanced Certificate in Horsemanship (6M3505)
- Young Trained Farmer Green Cert Status

Entry Requirements: There is a separate application process for each programme. Applicants to Kildalton College Level 5 must be 18 years old by Jan 1st following entry in addition to the entry requirements on page 13. Applicants to Gurteen College are as per page 13. For both colleges an interview and practical riding assessment are also required as part of the

application process.

Students with an equivalent qualification may apply for entry to Level 6 programme. This process to apply for Level 6 also includes an interview and riding assessment.

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

Transfer and Progression:

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

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

What will you Study?

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

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

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

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

QQI Code	Title	Level	Credits
6N3481	Sport Horse Riding	6	30
6N1947	Work Practice	6	15
6N3403	Young Horse Training and Breaking	6	30
6N3387	Stable and Yard Supervision (Equine Business module)	6	15
6N3393	Sport Horse Riding Instruction (Equine Coaching module)	6	15
6N2191	Leadership	6	15

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

Graduate Profile



John Murray
County Dublin

Current position: Currently running my own showjumping, sales and breeding yard.

What I enjoy the most is bringing on and educating young green horses to bring out their full potential and watching them progress in the sport. It brings a great satisfaction to know that you did your job right and they have had the best start to their careers.

I completed the Level 5 and 6 Horsemanship Equitation course in Kildalton College. The most important aspects of the course for me was the Young Horse breaking and training module. The wealth of knowledge from all of my lectures was invaluable and I learned how to correctly train horses in a way which keeps them happy and for them to understand what we were trying to teach them in the easiest way.

The next steps for me are to keep improving my business and facilities at home, and to keep producing good horses for my clients and future customers.

What I would say to someone wanting to pursue a career in this sector is that you have to be able to take the good days with the bad days and stay positive whatever you are doing- always keeping your goals in sight.

Stud Management

Students attend 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 €2.46 billion to the economy and close to 30,000 direct and indirect jobs. Stud management career opportunities include stud hand, head person, barn manager, foaling manager, sales preparation manager, assistant stud farm manager, bloodstock agent, pinhooker and stallion handler.

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

There are a number of career opportunities in supporting or service provider roles. There are good employment opportunities in the industry in Ireland and internationally, including work on stud farms, training yards and other equestrian enterprises.

Former students have found employment in the UK, USA, Japan & Australia.

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

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

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

- Level 5 Certificate in Horsemanship Award (5M3371)
- Level 6 Advanced Certificate in Horsemanship (6M3505)
- Young Trained Farmer Green Cert Status

Entry Requirements: Applicants to Kildalton College Level 5 must be 18 years old by Jan 1st following entry in addition to the entry requirements on page 13.

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

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

The application process includes an interview and practical assessment.

Progression

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

What will you Study?

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

QQI Code	Title	Level	Credits
5N3355	Stable and Yard Routine	5	30
5N1433	Work Practice	5	15
5N0690	Communications	5	15

Plus 60 credits from the following electives

5N3357	Young Horse Training Techniques Elective	5	30
5N3360	Anatomy and Physiology Elective	5	15
5N3364	Horse Breeding Elective	5	15

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

QQI Code	Title	Level	Credits
6N3482	Horse Breeding (Stud Mgt)	6	30
6N3483	Pasture Management Stud	6	15
6N1947	Work Practice (Stud Mgt)	6	15
6N3389	Conformation and Evaluation*	6	15
6N3388	Anatomy and Physiology*	6	15
6N2191	Leadership	6	15
6N3387	Stable and Yard Supervision (Equine Business module)	6	15

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

Graduate Profile



Robyn Donaghue Leahy

I currently work as an Apprentice Flat jockey riding out mainly in Waterford and Kildare. I love being able to work outside with horses everyday but getting to ride on the track and compete would be my favourite part of the job.

I studied the Level 5 & 6 Horsemanship course in Kildalton. I would say the young horse training module was my favourite module and stands to me the most when it comes to breaking in the new young horses every year. My plan currently is to continue to learn and keep networking and to ride more winners.

Two days come to mind for my career highlight. The first one is riding my first winner in Leopardstown. I had ridden lots of seconds and never felt like winning a race was going to happen so that was an unreal day. The second one is riding a double win in Dundalk. I rarely would have two races and to have each horse win was brilliant.

The best advice I could give someone wishing to pursue a career in this industry is to take help and advice anywhere you can get it and have patience. It can be hard work, but it is worth it in the end.

Forestry

This course is offered at:

Ballyhaise Agricultural College,
Co. Cavan



Forestry Programme

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

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

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

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

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

Entry Requirements: There is a separate application process for each programme. Entry requirements for level 5 are detailed on the Entry requirements on page 13. 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 SETU subject to meeting requirements. Please contact the relevant higher education institute for further information.

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

What will you Study?

Sample content from the Teagasc Level 5 Certificate in Forestry Programme

QQI Code	Title	Level	Credits
5N3396	Forest Safety	5	15
5N3397	Silviculture	5	15
5N1433	Work Practice	5	15
	Self Development Module	5	30
	Electives*	5	15

Minimum of 45 credits from the following*:

5N3399	Forest Calculations	5	15
5N3399	Forest Development	5	15
5N3398	Sustainable Forestry	5	15

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

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

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

Graduate Profile



Francis Hewitson
County Donegal

Current position: Full time Timber Forwarder Operator and Chainsaw Operator

I completed the Level 6 Advanced Certificate in Forestry at Teagasc Ballyhaise College, Co. Cavan. The practical aspects of the course were very important to me as they taught me the key skills that would be required on the ground in the forest, and I have found that I am using almost all of these skills regularly in my career. The forwarder simulator was also an important aspect of the course for me as it was a big help in securing the machine driving job which I continue to do now.

I enjoy the practical aspect of my job and the challenges that it presents, every site is different and offers new challenges which always grants new learning opportunities. I intend in future to progress into the timber Harvester which adds a lot more responsibility to my job.

If I was to give advice to anyone looking at forestry for a career, I would say that there's a lot to learn when you start out, it's a large learning curve but it's a very interesting industry to learn in as it's always changing and offering new opportunities.

Pig Management

This course is offered at:

**Ballyhaise Agricultural College,
Co. Cavan**

or

**Clonakilty Agricultural College,
Co. Cork**

**with the Teagasc Pig Development
Department subject to demand.**



Pig Management

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

Programmes: Level 5 Certificate in Agriculture (Pig Production) & Level 6 Advanced Certificate in Agriculture (Pig Management). Students currently avail of the option to complete the pig modules first. It is possible to build this up to the full award.

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

Qualifications: The pig modules lead to component awards. These can be added to and built towards the following major awards:

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

Entry Requirements: There is a separate application process for each programme. Entry requirements for level 5 are detailed on the Entry requirements on page 13. To enter the Level 6 Programme, applicants 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

Learners who successfully complete the Level 5 Certificate in Agriculture can apply to progress to the Teagasc Higher Education Farm Technician (on completion of Level 5) or Farm Manager Apprenticeship (on completion of Level 6).

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

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

What will you Study?

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

QQI Code	Title	Level	Credits
5N20368	Principles of Agriculture	5	15
5N20371	Farm Safety and Farm Assurance	5	15
5N20374	Soils and the Environment	5	10
5N20377	Farm Business and Technology	5	30
5N20380	Safe Use of Pesticide Products	5	5
5N20393	Pig Husbandry	5	10
5N20411	Nutrition Housing and Welfare of Pigs	5	10
5N20444	Pig Manure Handling	5	5
5N20457	Pig Industry Structure	5	5
5N1433	Work Practice	5	15
	Self-Development module	5	15
	Electives	5	5

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

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

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

Graduate Profile



James Bogue
County Cavan

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

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

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

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

Poultry Management

This course is offered at:

**Ballyhaise Agricultural College,
Co. Cavan**



Poultry Management

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

Programmes: Poultry learners begin at Level 5 with Poultry modules on a part-time basis which are also components of the Level 5 Certificate in Agriculture. This means that they can build this up to the major Level 5 award over time. Similarly, at level 6 Poultry modules can be completed first and it is possible to build to a major award by joining with the Agriculture Major Award.

Duration: Poultry components are delivered over 18 weeks part-time.

Qualifications: The poultry modules lead to component awards. These can be added to and built towards the following major awards:

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

Trained farmer status is only available on completion of the full Level 5 Certificate in Agriculture and Level 6 Advanced Certificate in Agriculture.

Entry Requirements: Entry requirements for the Level 5 components are on page 13. In addition, applicants must be 18 years of age on commencing the programme.

Application Process: Contact Ballyhaise College to register an expression of interest and for more detail including start up dates.

Progression

Learners who successfully complete these modules can go on to complete the Level 5 Certificate in Agriculture major award. They can then progress to the Level 6 Advanced Certificate in Agriculture or apply to progress to the Teagasc Higher Education Farm Technician or Farm Manager Apprenticeship (on completion of Level 6 full Certificate in Agriculture award).

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

Short Duration Courses

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

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

What will you Study?

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

QQI Code	Title	Level	Credits
5N20368	Principles of Agriculture	5	15
5N20371	Farm Safety and Farm Assurance	5	15
5N20374	Soils and the Environment	5	10
5N20377	Farm Business and Technology	5	30
5N20380	Safe Use of Pesticide Products	5	5
5N20414	Poultry Husbandry *	5	10
5N20417	Poultry Nutrition Housing and Welfare *	5	10
5N20447	Poultry Manure Handling *	5	5
5N20450	Flock Recording in Poultry Production *	5	5
5N0690	Personal Development Module	5	15
5N20423	Organic Farming Principles	5	5
5N20438	Manual Pesticide Application	5	5
5N1433	Work Practice	5	15

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

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

*Poultry Modules which would be completed first with possible progression to the major award in Agriculture.

Career Profile



Peter Cullivan
County Cavan

I'm a Commercial Broiler Farmer. I completed the poultry course in Ballyhaise Agricultural College in 2021 under Rebecca Tierney.

Coming from a farming background but with no experience in poultry, this course was extremely beneficial in teaching me about poultry anatomy and physiology, their day-to-day management, how to detect and prevent diseases and their optimum dietary requirements.

By visiting other poultry farms as part of the course, I gained an excellent insight into the practical side of broiler production.

In the future my aim is to expand and improve sustainability on the farm.

I would advise anyone hoping to pursue a career in poultry to complete the Teagasc poultry course, which gave me the knowledge and confidence to take on this challenge with no prior experience. If you enjoy farming, being your own boss, and flexible working hours, then with the right dedication this is a satisfying and rewarding career.



Higher Education Apprenticeships

Teagasc Higher Education Apprenticeships

Teagasc and Consortia Groups who represent industry requirements has developed apprenticeships in partnership with Industry, SOLAS and the Higher Education Authority. This section lists and gives a brief description of the higher education apprenticeships that Teagasc has a substantial involvement in.

The Higher Education Apprenticeships are as follows:

- Sportsturf Management Apprenticeship (Level 6)
- Horticulturist Apprenticeship (Level 6)
- Farm Technician Apprenticeship (Level 6)
- Farm Manager Apprenticeship (Level 7)

Why Consider Apprenticeship Training?

You will:

- Earn while you learn
- Develop specialised knowledge, skills and competencies in your chosen work area.
- Undertake a diverse range of work
- Gain a recognised qualification

Further Information

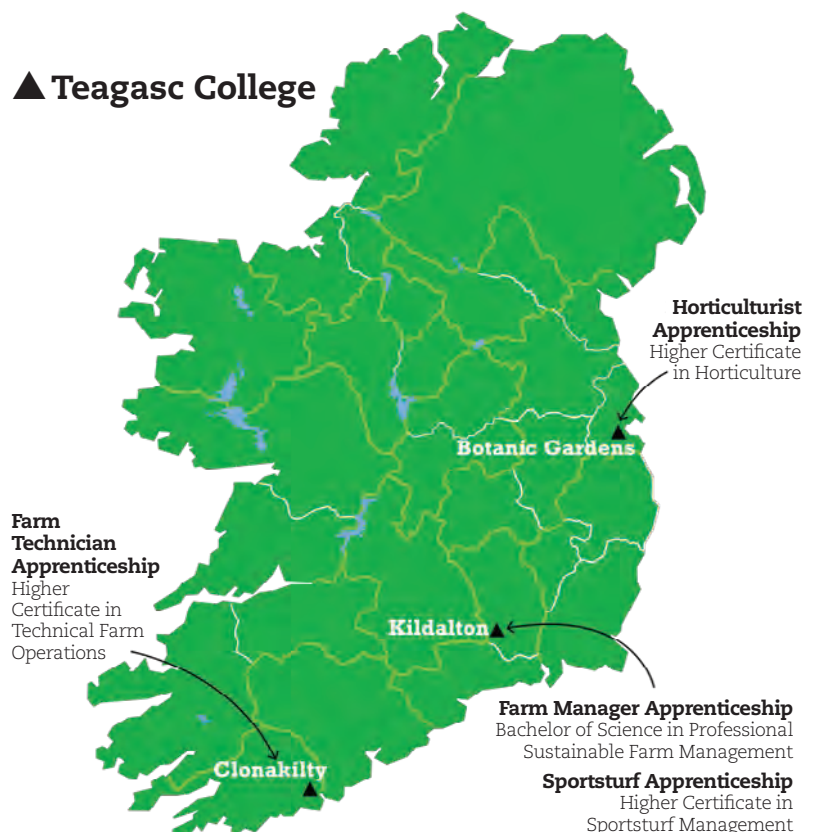
How to become an apprentice - video



How to become an employer - video



▲ Teagasc College



Sportsturf Management Apprenticeship

Higher Certificate in Sportsturf Management – NFQ Level 6

Sportsturf Management Apprenticeship

This is an apprenticeship for people working in the sportsturf industry in Ireland. It has been developed in partnership with industry and is delivered by Teagasc.

This apprenticeship is relevant to a wide variety of careers including people working in golf courses, sports pitches, racecourses, training gallops, bowling greens, pitch and putt clubs, cricket clubs, and parks/amenity areas.

Why you Should Consider Doing this Apprenticeship?

While undertaking this programme you will:

- Gain hands-on practical experience in an approved Sportsturf facility
- Achieve Professional User (PU) certification (DAFM).
- Receive an internationally recognised qualification (QQI Level 6 Higher Certificate)
- Join a network of like-minded people across the country
- Develop new and transferrable skills
- Be exposed to latest technologies
- Attend field visits to sportsturf venues across Ireland.
- Have access to industry experts and research.

How do I Join this Apprenticeship?

You need to be working for a registered employer within the sportsturf sector. Employees can then submit an application to join an apprentice programme.

Apprenticeship vacancies can be viewed at www.apprenticeship.ie

Programme

The programme runs over two years. Apprentices spend 80% of this time on-the-job with an approved employer. Off-the-job training will be a total of 12 weeks per year. Off-the job training takes place in Kildalton College.

Overview of Programme Modules

Modules include:

- Introduction to Sportsturf Management
- Turfgrass Science & Morphology
- Sportsturf Grasses & Weeds
- Turfgrass & Landscape Management
- Turfgrass Equipment: Set-up, Maintenance & Operation
- Soil & Rootzones for Sportsturf Facilities
- Soil Hydrology
- Plant Protection
- Artificial Sports Surfaces
- Meteorology, Environmental Sustainability & Ecology
- Sportsturf Construction
- Sportsturf Facility Set-up
- Apprentice Project

Qualifications

On completion of the programme, the Apprentice will hold a nationally recognised QQI Level 6 Higher Certificate in Sportsturf Management (NFQ Level 6).

Duration and Course Fees

This is a two-year training programme. Apprentices are paid by their employer for the duration of the apprenticeship. The apprentice spends 80% of their time with the employer (on-the job), and 20% of their time with Teagasc (off-the-job) which includes on-line learning.

The course fee is €1,500 per annum.

Check out www.apprenticeship.ie or contact sportsturf@teagasc.ie for additional information.

Entry Requirements

To be eligible for this apprenticeship, an applicant must:

- Be employed full time by a 'SOLAS approved employer' in a Sportsturf setting
- Successfully completed the Leaving Certificate (NFQ Level 5*). Minimum entry requirements are a grade H7/O6 or above in five leaving certificate (or equivalent) subjects. A minimum of grade O6 must be obtained in English. A minimum of grade O6 or a B2 or above in Foundation Level must be obtained in Mathematics.
- Holders of a QQI Level 5 (or equivalent) in Horticulture can apply for entry onto the programme.
- A candidate, 17 and older who does not hold the Level 5 qualifications as set out in categories 1 or 2 above but who has a minimum of 1 years' experience working as in sportsturf industry, is recommended by their employer and demonstrates the correct attitudes, behaviours and literacy skills, will also be eligible to apply.

NOTE - The English language entry requirements for the programme are CEF B2+ or equivalent. Candidates with English language levels below CEF B2+ must first reach this minimum standard before enrolling on the academic programme. Applicants may be required to demonstrate that they possess the required competency through the completion of a maths assessment.



Horticulturist Apprenticeship

Higher Level Certificate in Horticulture
– NFQ Level 6

Horticulturist Apprenticeship

Why you Should Consider Doing this Apprenticeship?

While undertaking this programme you will:

- Receive an internationally recognised qualification (QQI Level 6 Higher Certificate)
- Gain hands-on practical experience working on a commercial horticultural unit
- Learn to work as part of a team
- Achieve Professional User (PU) certification (DAFM)
- Be eligible to apply for Advanced Entry on to the Level 7 Bachelor of Horticulture at SETU
- Train for a career in Horticulture
- Earn a salary while you learn
- Graduates of horticulturist apprenticeship meet the training qualification to become a 'young, trained farmer.'

Programme

This is a two-year programme developed in consultation with industry. You can choose to work in one of six specialist streams:

- Nurseries
- Garden Centres
- Garden and Parks
- Fruit Production
- Vegetable Production
- Hard Landscaping

The apprentice must stay in their chosen stream for the duration of the programme.

As part of this programme, apprentices will engage in on-the-job training with a SOLAS approved employer. Off-the-job training will take place in the College of Amenity Horticulture, Botanic Gardens, Dublin. Face to face teaching is supported by online learning and visits to industry / horticultural research locations. Off-the-job training will be a total of 10 weeks per year.

Overview of Programme Modules

Year 1/Stage 1 common modules for all six streams:

- Growing media and plant nutrition
- Plant science
- Plant propagation
- Sustainable plant protection
- Plant ID
- Sustainable IT skills
- Horticultural machinery and health and safety

Year 2/Stage 2 common modules for all six streams:

- Financial management for horticulture
- Sustainable horticultural practice



Modules for specialist streams:**Nurseries:**

- Customer service for horticulture
- Nursery stock production

Garden Centre:

- Customer service for horticulture
- Garden centre management

Garden and Parks:

- Advanced plant identification and cultivation techniques
- Garden and parks management

Fruit Production:

- Fruit Production

Vegetable:

- Vegetable production

Hard Landscaping:

- Advanced plant identification and cultivation techniques
- Hard landscaping

Qualifications

On completion of the programme, the Apprentice will hold a nationally recognised QQI Higher Certificate as a Horticulturist (NFQ Level 6).

Duration and Course Fees

This is a two-year programme. The employer pays the Apprentice for the duration of the apprenticeship including time spent off the job in college. The rate of pay is agreed between the Employer and the Apprentice.

Up to date information on programme fees is available on the Teagasc website.

Employers are required to:

- Be a SOLAS approved employer
- Nominate a workplace mentor
- Release the apprentice for the 'off-the-job' block release days
- Pay the apprentice for the duration of the apprenticeship

Off-the-Job College Coordination Location:

- College of Amenity Horticulture, Botanic Gardens, Glasnevin Dublin, D09 VY63.

Entry Requirements

To be eligible for this apprenticeship, an applicant must:

- Be directly employed by a SOLAS approved Employer
- Successfully completed the Leaving Certificate (NFQ Level 5*) with 5 subjects with a minimum of O6 / H7 to include English or higher and a minimum of foundation mathematics F6.

or

- A Major QQI level 5 (or higher) Award in Horticulture

or

- A candidate 17 years or older who does not hold the above Level 5 qualifications as set out above, but who has a minimum of 48 weeks cumulative experience working in horticulture, is recommended by their employer and demonstrates the stated literacy and numeracy skills, will also be eligible to apply.

NOTE - The English language entry requirements for the programme are CEF B2+ or equivalent.

Candidates with English language levels below CEF B2+ must first reach this minimum standard before enrolling on the academic programme.

Applicants may be required to demonstrate that they possess the required competency through the completion of a maths assessment.

Further information**Contact:****Marcella Phelan**

National Apprenticeship Programme Co-ordinator,
Curriculum Development and Standards Unit
Teagasc Kildalton, Piltown, Co. Kilkenny.

☎ 051-644508

✉ marcella.phelan@teagasc.ie

www.teagasc.ie/education

www.apprenticeship.ie

John Mulhern

College Principal,

College of Horticulture Teagasc - National Botanic
Gardens, Glasnevin, D09 VY63

☎ 01-8040205

✉ john.mulhern@teagasc.ie

Farm Technician Apprenticeship

Higher Level Certificate in
Technical Farm Operator
– NFQ Level 6



Farm Technician Apprenticeship

This programme provides apprentices with knowledge of farm operations with a strong foundation of sustainable agriculture production, health and safety, quality assurance, business and work organisation skills.

The qualified apprentice will be capable of planning, implementing and supervising daily operations in a farm enterprise while observing best practice and complying with legislative, environmental and safety requirements.

This is an excellent opportunity to earn while you learn while gaining valuable experience on commercial farms to progress your career opportunities.

Programme

This Farm Technician Apprenticeship is a two-year programme, developed in consultation with industry.

As part of this programme, apprentices will engage in on-the-job training with a SOLAS approved employer.

Off-the-job training will take place in Clonakilty Agricultural College supported by online learning.

Off-the-job training will also include visits to industry / agricultural research locations.

Off-the-job training will be a total of 10 weeks per year.

Graduates of Farm Technician Apprenticeship meet the training qualification to become a 'young, trained farmer'.

Overview of Programme Modules

Year 1/Stage 1:

- Introduction to Business & Technology of Farming
- Health and Safety on the Farm
- Environment and Science of Farming
- Quality Assurance, Regulation & Compliance
- Farm Operation Skills & Work Routines
- People Skills – Teamwork & Supervisory

Year 2/Stage 2:

- Farm Administration & Business Skills
- Lean Management & Standard Operating Procedures (SOP's)
- Sustainable Farm Production
- Farm Enterprise Monitoring & Evaluation
- Farm Operation Planning & Record Keeping

Qualifications

On completion of the programme, the Apprentice will hold a nationally recognised QQI Higher Certificate in Technical Farm Operations (NFQ Level 6).

Duration and Course Fees

This is a two-year programme. The employer pays the Apprentice for the duration of the apprenticeship including time spent off the job in college. The rate of pay is agreed between the Employer and the Apprentice.

The programme fee is €1,375 per annum.

Employers are required to:

- Be a SOLAS approved employer
- Nominate a workplace mentor
- Release the apprentice for the 'off-the-job' block release days
- Pay the apprentice for the duration of the apprenticeship

Off-the-Job College Coordination Location:

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

Entry Requirements

To be eligible for this apprenticeship, an applicant must:

- Be directly employed by a SOLAS approved Employer
- Have achieved a pass in the Leaving Certificate Established (NFQ Level 5)* or Vocational Programme (NFQ Level 5)*, obtaining a minimum grade O6/H7 in Maths** or a F2 in Foundation Maths, and O6/H7 in four other subjects*

or

- Hold a Major QQI level 5 (or higher) Award*

or

- Hold a Level 6 Specific Purpose in Farming certificates*

or

- Be 18 years of age and have worked for two years in a land-based sector (such as farming, agricultural contracting, horticulture, forestry, aquaculture or the equine sector)
- A qualification deemed equivalent on the Irish National Framework of Qualifications to any of the qualifications listed above.

NOTE - Applicants may be required to demonstrate that they possess the required competency through the completion of a pre-entry maths assessment with Teagasc.

The programme is delivered through the medium of English and apprentices must meet CEF Level B2 (Common European Framework of Reference for Language). Applicants whose first language is not English must provide evidence of English language proficiency. The certificate of the English language standard must have been issued within 2 years of the expected start of a course.

Further information

Contact:

Marcella Phelan

National Apprenticeship Programme Co-ordinator,
Curriculum Development and Standards Unit
Teagasc Kildalton, Piltown, Co. Kilkenny.

☎ 051-644508

✉ marcella.phelan@teagasc.ie

www.teagasc.ie/education www.apprenticeship.ie

Keith Kennedy

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

☎ 023-8832500

✉ clonakilty.college@teagasc.ie

Orla Neville

Farm Technician Apprenticeship Co-ordinator,
Teagasc, Clonakilty College, Darrara, Clonakilty,
Co. Cork, P85 AX52

☎ 023-8832500

☎ 087-1001163

✉ orla.neville@teagasc.ie

Farm Manager Apprenticeship

Bachelor of Science in Professional Sustainable Farm Management
– NFQ Level 7



Farm Manager Apprenticeship

The Farm Manager Apprenticeship is for anyone who wishes to pursue a managerial career in the agricultural sector or existing personnel employed on farms who wish to progress with their existing educational qualifications. The programme provides the person with the latest research and best practice management knowledge to successfully run a commercial farm business.

This is an excellent opportunity to earn while you learn while gaining valuable experience on commercial farms to progress your career opportunities into farm management.

Programme

This Farm Manager Apprenticeship is a two-year programme, developed in consultation with industry.

As part of this programme, Apprentices will engage in on-the-job training with a SOLAS approved employer. Off-the-job training will take place in Kildalton College supported by online learning.

Off-the-job training will also include visits to industry / agricultural research locations. Off-the-job training will be a total of 10 weeks per year.

Graduates of Farm Manager Apprenticeship meet the training qualification to become a 'young, trained farmer' Green Cert Status.

Overview of Programme Modules

Year 1/Stage 1

- Farm Finance & Strategic Management
- Health & Safety Management
- Sustainable & Environmental Farm Management
- Farm Product Quality & Operations Management

Year 2/Stage 2 common modules for all six streams:

- Manager Skills – Leadership; Delegation; Decision Making
- Economic Sustainability & Labour Management
- Farm Infrastructure & Regulations
- Climate Smart Farm Technologies
- Apprentice Project

Qualifications

On completion of the programme, the Apprentice will hold a nationally recognised QQI Bachelor of Science in Professional Sustainable Farm Management (NFQ Level 7).

Duration and Course Fees

This is a two-year programme. The employer pays the apprentice for the duration of the apprenticeship including time spent off the job in college. The rate of pay is agreed between the Employer and the Apprentice.

The programme fee is €1,375 per annum.

Employers are required to:

- Be a SOLAS approved employer
- Nominate a workplace mentor
- Release the apprentice for the 'off-the-job' block release days
- Pay the apprentice for the duration of the apprenticeship

Off-the-Job College Coordination Location:

- Teagasc, Kildalton College, Piltown, Co. Kilkenny, E32 YW08.

Entry Requirements

To be eligible for this apprenticeship, an applicant must:

- Be directly employed by a SOLAS approved Employer
 - Hold a QQI Higher Certificate in Technical Farm Operations (NFQ Level 6).
- or**
- Hold a Level 6 Advanced Certificate in Agriculture (or equivalent) Award*
- or**
- Hold a Level 7 Specific Purpose Professional Dairy Diploma in Farm Management*
- or**
- Be 18 years of age or older with two years of work experience in the agricultural sector with equivalent educational experience (NFQ Level 6 or higher*) deemed acceptable by the employer and consortium and subject to the validation of supporting evidence and/or assessment process.
 - A qualification deemed equivalent on the Irish National Framework of Qualifications to any of the qualifications listed above.

NOTE - Applicants may be required to demonstrate that they possess the required competency through the completion of a maths assessment.

The programme is delivered in English, and the applicant must meet CEF Level B2 (Common European Framework of Reference for Language). Applicants whose first language is not English must provide evidence of English language proficiency.

The certificate of the English language standard must have been issued within 2 years of the expected start of your course.

Further information

Contact:

Marcella Phelan

National Apprenticeship Programme Co-ordinator,
Curriculum Development and Standards Unit
Teagasc Kildalton, Piltown, Co. Kilkenny.

☎ 051-644508

✉ marcella.phelan@teagasc.ie

www.teagasc.ie/education

www.apprenticeship.ie

Dr. Emma-Louise Coffey

Programme Co-ordinator,
Teagasc, Kildalton College, Piltown, Co. Kilkenny,
E32 YW08.

☎ 051-644400

✉ emmalouise.coffey@teagasc.ie



Higher Education Opportunities

Higher Education Opportunities

The Higher Education Links Scheme enables holders of Further Education awards to apply for a quota of higher education courses. Specific further education courses are linked with specific higher education courses. Applicants for a higher education course, covered by the Scheme, are made through the standard CAO form. Applicants should check details of the Higher Education Links scheme with the relevant Technological Institute/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 Technological Institute or University.

Teagasc has had a longstanding and substantial involvement in higher education provision.

Teagasc is an education partner of the Munster Technological University (MTU - Cork and Kerry campuses), Dundalk Institute of Technology (DkIT), Atlantic Technological University (ATU - Galway), Technological University Shannon (TUS - Midlands Midwest), South East Technological University (SETU - Waterford), University College Dublin (UCD), University College Cork (UCC) and University of Galway. Teagasc's unique role as a research, knowledge transfer and education provider bring an added dimension to higher agricultural education in Ireland.

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

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

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

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

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

Higher Education Courses with a Substantial Teagasc Input

Agriculture

Munster Technological University - Cork

Bachelor of Science (Agriculture)	MT750
-----------------------------------	-------

Munster Technological University - Kerry

Bachelor of Science in Agricultural Science	MT777
---	-------

Bachelor of Science (Honours) in Agricultural Science	MT877
---	-------

Dundalk Institute of Technology

Bachelor of Science (Honours) in Sustainable Agriculture/ Agri-Food Production	DK882
--	-------

Atlantic Technological University - Galway

Bachelor of Business in Rural Enterprise and Agri Business	AU506
--	-------

Bachelor of Science in Agriculture and Environmental Management	AU557
---	-------

Bachelor of Business (Honours) in Rural Enterprise and Agri-Business	AU606
--	-------

Bachelor of Science (Honours) in Agriculture and Environmental Management	AU657
---	-------

Bachelor of Engineering (Honours) in Agricultural Engineering	AU648
---	-------

Technological University of the Shannon: Midlands Midwest

Higher Certificate in Engineering in Agricultural Mechanisation	US651
---	-------

South East Technological University - Waterford

Bachelor of Science (Honours) in Agricultural Science	SE502
---	-------

Bachelor of Science (Honours) in Agriculture	SE508
--	-------

Bachelor of Science (Honours) in Land Management in Agriculture	SE524
---	-------

University College Dublin

Bachelor of Agricultural Science (Honours) in Dairy Business	DN252
--	-------

University College Cork

Bachelor of Agricultural Science (Honours)	CK412
--	-------

University of Galway

Bachelor of Science (Agricultural Science)	GY322
--	-------

Horticulture

South East Technological University - Waterford

Bachelor of Science Horticulture (Kildalton College)	SE506
--	-------

Bachelor of Science Horticulture (National Botanic Gardens)	SE507
---	-------

Forestry

South East Technological University - Waterford

Bachelor of Science in Forestry	SE505
---------------------------------	-------

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

Teagasc Clonakilty Agricultural College Munster Technological University - Cork

Teagasc Clonakilty Agricultural College and the Munster Technological University – Cork partner to deliver the Level 7 Agriculture BSc (MT750) and the add-on Level 8 Bachelor of Science (Agriculture) Honours degrees in the Cork Campus. Students attend at both the MTU Campus (Cork) and Clonakilty Agricultural College, Co. Cork throughout the programmes.

Courses available

Bachelor of Science in Agriculture (Level 7)

Course Duration:	Three Years
Awarding Body:	Munster Technological University – Cork
Course Code:	MT750
Location:	Clonakilty Agricultural College and Munster Technological University – Cork
Application:	CAO
Maintenance Grant:	Apply through SUSI (Means Tested)
Progression:	Graduates can progress to the one-year add-on Level 8 Agriculture honours degree (CR_BAGRI_8)

Teagasc Clonakilty Agricultural College Munster Technological University - Kerry

Teagasc Clonakilty Agricultural College and the Munster Technological University – Kerry partner to deliver the Level 8 Bachelor of Science (Honours) in Agricultural Science (MT877) in the Kerry Campus in Tralee. Students attend at both the MTU Campus (Kerry) and Clonakilty Agricultural College, Co. Cork throughout the programmes.

Courses available

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

Course Duration:	Three Years, Four Years
Awarding Body:	Munster Technological University – Kerry
Course Code:	MT777 (Three Years Bachelor of Science) MT877 (Four Years Bachelor of Science Honours)
Location:	Clonakilty Agricultural College and Munster Technological University – Kerry
Application:	CAO
Maintenance Grant:	Apply through SUSI (Means Tested)
Progression:	Postgraduate study or career in the agriculture and food industry.



Teagasc Ballyhaise Agricultural College

Dundalk Institute of Technology

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

Courses available

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

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



Katie Costello
County Cavan

Current position: Microbiological Laboratory Technician in Lakeland Dairies.

I completed the level 8 BSc Hons in Sustainable Agricultural in DkIT and Ballyhaise Agricultural College. The thing I love most about my job is the interaction with many different people on a daily basis whilst having complete job satisfaction. The knowledge you gain in college really helps towards skills in the workplace but by carrying out the placements in the college course it allows you to gain confidence and gives you a taste of the working world. The practical aspect of the course carrying out labs in DkIT really helped me as I used these skills every day in my work environment. The placement aspect also allowed me to gain confidence stepping into a workplace straight out of college. After working a year in the Lab in Lakeland I have progressed further in the company in achieving a position with their R&D (Research and development) team which will commence this August 2022. I am looking forward to this new role as it will be interesting to create new products while researching new markets for the company.

I would advise anyone who is at all interested in agriculture to complete this course or one similar as you get a chance to learn practical skills as well as technical skills. There are huge opportunities within the agricultural sector and once you have your course completed there are endless lists of jobs out there.

Mountbellew Agricultural College

Atlantic Technological University – Galway

Mountbellew Agricultural College and Atlantic Technological University – Galway 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 Atlantic Technological University – Galway throughout the programmes.

Courses available

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

Course Duration:	Three Years
Awarding Body:	Atlantic Technological University – Galway
Course Code:	AU506
Location:	Mountbellew Agricultural College and Atlantic Technological University – Galway
Application:	CAO
Maintenance Grant:	Apply through SUSI (Means Tested)
Progression:	Progression to Bachelor of Business (Honours) in Rural Enterprise and Agri-Business (Level) at Atlantic TU Galway or transfer to other Institutes or Universities.

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

Course Duration:	Three Years
Awarding Body:	Atlantic Technological University – Galway
Course Code:	AU557
Location:	Mountbellew Agricultural College and Atlantic Technological University – Galway
Application:	CAO
Maintenance Grant:	Apply through SUSI (Means Tested)
Progression:	Add-on Bachelor of Science (Honours) in Agriculture and Environmental Management (Level 8).

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

Course Duration:	Four Years
Awarding Body:	Atlantic Technological University – Galway
Course Code:	AU606
Location:	Mountbellew Agricultural College and Atlantic Technological University – Galway
Application:	CAO
Maintenance Grant:	Apply through SUSI (Means Tested)
Progression:	Postgraduate studies or employment in the agriculture and food sector.

Mountbellew Agricultural College

Atlantic Technological University – Galway *contd...*

Courses available

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

Course Duration:	Four Years
Awarding Body:	Atlantic Technological University – Galway
Course Code:	AU657
Location:	Mountbellew Agricultural College and Atlantic Technological University – Galway
Application:	CAO
Maintenance Grant:	Apply through SUSI (Means Tested)
Progression:	Postgraduate studies or employment in the agriculture and food sector.

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

Course Duration:	Four Years
Awarding Body:	Atlantic Technological University – Galway
Course Code:	AU648
Location:	Mountbellew Agricultural College and Atlantic Technological University – Galway
Application:	CAO
Maintenance Grant:	Apply through SUSI (Means Tested)
Progression:	Postgraduate studies or employment in the agriculture and food sector.

Graduate Profile



Claire Daly
County Laois

Claire Daly – BB (Hons) Rural Enterprise and Agri – Business

Transitioning from Heywood Community School to university life at ATU and Mountbellew was a pivotal shift. Initially leaning towards accounting, my upbringing on a dairy and beef farm in Laois guided me to a course blending business with agriculture at ATU. University life demanded more independence, but ATU's supportive atmosphere at both campuses eased the transition.

Spending most days in Mountbellew and commuting weekly to ATU Galway Campus (Dublin Road) fostered strong class bonds and friendships.

The course was enriching, offering practical experiences from digital business projects to farm-based learning in Mountbellew, aligning perfectly with my interests. Student life was vibrant, providing diverse learning and social opportunities across campuses. Completing my industry placement at Stradbally Town and Country and now working at FTMTA underscore how ATU prepared me for a career bridging agriculture and business.



More detail including course content and contacts can be found via www.mountbellewagri.ie or <https://www.atu.ie/study/undergraduate>

Salesian Agricultural College, Pallaskenry

Technological University of the Shannon: Midlands Midwest

Salesian Agricultural College, Pallaskenry and Technological University of the Shannon: Midlands Midwest 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:	Technological University of the Shannon: Midlands Midwest
Course Code:	US651
Location:	Salesian Agricultural College, Pallaskenry & Technological University of the Shannon: Midlands Midwest
Application:	CAO
Maintenance Grant:	Apply 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 Technological University of the Shannon: Midlands Midwest.

Bachelor Degree of Engineering in Agricultural Engineering (Level 7)

Course Duration:	Standalone 3-year course or One Year add-on to the Higher Certificate in Engineering in Agricultural Mechanisation Course.
Awarding Body:	Technological University of the Shannon: Midlands Midwest
Course Code:	US769 or A7284 for one year course
Location:	Salesian Agricultural College, Pallaskenry & Technological University of the Shannon: Midlands Midwest
Application:	CAO for 3-year course. Direct to TUS for one year add on.
Maintenance Grant:	Apply through SUSI (Means Tested)
Progression:	Honours Degree studies, Postgraduate studies or employment in the agricultural engineering, and food sector or road transport sector.



Teagasc Kildalton Agricultural College

South East Technological University – Waterford

Kildalton Agricultural and Horticultural College and South East Technological University – Waterford partner for a number of higher education courses. The students attend both campuses throughout the programme.

Courses available

BSc (Honours) in Agricultural Science (Level 8)

Course Duration:	Four Years
Awarding Body:	South East Technological University – Waterford
Course Code:	SE502
Location:	Kildalton/South East Technological University - Waterford
Application:	CAO
Maintenance Grant:	Apply 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:	South East Technological University – Waterford
Course Code:	SE508
Location:	Kildalton/South East Technological University - Waterford
Application:	CAO
Maintenance Grant:	Apply through SUSI (Means Tested)
Progression:	Continue onto the BSc in Land Management or career in the agriculture and food industry.

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

Course Duration:	One Year
Awarding Body:	South East Technological University – Waterford
Course Code:	SE524
Location:	Kildalton/South East Technological University - Waterford
Application:	CAO
Maintenance Grant:	Apply through SUSI (Means Tested)
Progression:	Postgraduate study or career in the agriculture and food industry.



Courses available

Bachelor of Science in Horticulture (Level 7)

Course Duration:	Three Years
Awarding Body:	South East Technological University – Waterford
Course Code:	SE506 (Kildalton College), SE507 (National Botanic Gardens)
Location:	Kildalton College, Co. Kilkenny and South East Technological University - Waterford (Code: SE506) College of Amenity Horticulture, National Botanic Gardens, Dublin and South East Technological University - Waterford (Code: SE507)
Application:	CAO or advanced entry
Maintenance Grant:	Apply through SUSI (Means Tested)
Progression:	Bachelor of Science (Honours) in Land Management (Horticulture) Level 8 at South East Technological University - Waterford. Transfer to University College Dublin (UCD) degree programmes in Horticulture, Landscape and Sportsturf Management. Further information is available from the relevant provider.

Graduate Profile



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.

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
Location:	University College Dublin and Teagasc Moorepark and Kildalton
Application:	CAO or advanced entry
Maintenance Grant:	Apply 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
Location:	UCC and Teagasc Moorepark/ Clonakilty Agricultural College
Application:	CAO
Maintenance Grant:	Apply through SUSI (Means Tested)
Progression:	Postgraduate study or career in the agriculture and food industry.



More detail including course content and contacts can be found via www.ucc.ie/en/ck412/

Courses available

Bachelor of Science (Agricultural Science)

Course Duration:	Four Years
Awarding Body:	University of Galway
Course Code:	GY322
Location:	University of Galway and Teagasc Athenry
Application:	CAO
Maintenance Grant:	Apply through SUSI (Means Tested)
Progression:	Postgraduate study or career in the agriculture and food industry.





ConnectEd Courses & Lifelong Learning

ConnectedEd Courses & Lifelong Learning

Teagasc offers a diverse range of short, accredited and non-accredited training opportunities for farmers and those working in the agri-food sector. Through our ConnectEd programme and Lifelong Learning initiatives, we provide structured access to Teagasc Research, Advisory and Education, knowledge resources and online tools.

Teagasc ConnectEd helps to facilitate the sharing of Teagasc knowledge with the Agri-food industry through events, publications or digital media. More detail is available on www.teagasc.ie/connected.

Below are some featured short courses with QR codes to their webpage.

Featured Short Courses

Grassland Pesticide Training

This course provides the learner with the skills and knowledge required to develop grassland weed control strategies. It is aimed at anyone giving pesticide advice to farmer. Only trained professionals are permitted by law to give pesticide advice. The course covers the biology and control of weeds, pests and diseases in grassland, integrated pest management, preparing for a sprayer test, best practice on integrated pest management and legislation relating to pesticide use.

The course is a combination of 2 days in person and online content and mentoring by an experienced Teagasc mentor.

Applicants must have an appropriate level 6 and a suitable level of experience. Follow this QR code to submit an expression of interest.



Certificate in Ruminant Nutrition

This is a course delivered by Teagasc specialists and researchers for industry personnel providing advice on ruminant nutrition. It focuses on understanding the ruminant digestive processes, nutrient requirements, using grazed grass, analysing feed and feed formulation.

The course is in person and takes place over 8 days (four 2 day blocks) and will cover a range of ruminant enterprises. This course leads to a Level 6 QQI component award in Managing Ruminant Nutrition. Follow this QR code to submit an expression of interest.



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

This is a six-day course open to all farm enterprises. The course is delivered by experienced facilitators from the Smurfit Business School and supported by Teagasc mentors.

The course covers key concepts in strategic planning, such as strategy formulation, self and people management, negotiation, and finance. Participants will be brought through the process of developing their own strategic plan for themselves and their business. Successful completion of the course leads to a Level 8 certificate accredited by University College Dublin. Follow this QR code to submit an expression of interest.



Certificate in Crop Nutrition Management

This course delivered by Teagasc Specialists is aimed at industry or personnel working as a crop nutritionist, agricultural consultant or in the fertiliser industry. The course covers soils, crop nutrition of grassland and tillage, fertiliser equipment and planning, crops nutrient deficiencies, nutrient legislation and advice. The course is in person and takes place over 6.5 days in field and classroom settings.

This course leads to a Level 6 QQI component award in Crop Nutrition Management and qualifies for IASIS points. Follow this QR code to submit an expression of interest.



Teagasc Farm Safety Courses

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

County	Phone Number	Email
Carlow	059-9183555	margaret.cullinan@teagasc.ie
Cavan	049-4338300	eileen.mccabe@teagasc.ie
Clare	065-6828676	nicole.germaine@teagasc.ie
Cork East	029-50886	josephine.odonoghue@teagasc.ie
Cork West	026-43515	patrick.flannery@teagasc.ie
Donegal	074-9131189	freya.mckelvey@teagasc.ie
Dublin	01-8459026	donna.mccabe@teagasc.ie
Galway	091-845200	carrie.collins@teagasc.ie
Kerry	064-6621713	Stephen.Flattery@teagasc.ie
Kildare	045-879203	karl.mullen@teagasc.ie
Kilkenny	051-898137	rebecca.marsh@teagasc.ie
Laois	057-8621326	catriona.hearne@teagasc.ie
Leitrim	071-9855107	ornagh.nicholson@teagasc.ie
Limerick	064-6621713	Stephen.Flattery@teagasc.ie
Longford	043-3341021	deirdre.glennon@teagasc.ie
Louth	042-9332263	donna.mccabe@teagasc.ie
Mayo	098-28333	carmel.gibbons@teagasc.ie
Meath	046-9021792	donna.mccabe@teagasc.ie
Monaghan	047-81188	melissa.corey@teagasc.ie
Offaly	057-9321008	therese.bergin@teagasc.ie
Roscommon	090-6626166	martina.dunne@teagasc.ie
Sligo	071-9183369	emma.downes@teagasc.ie
Tipperary North	0504 29231	paula.ryan@teagasc.ie
Tipperary South	052-6121300	caroline.moore@teagasc.ie
Waterford	058-41211	rebecca.marsh@teagasc.ie
Westmeath	044-9340721	margaret.mccormack@teagasc.ie
Wexford	053-923 9210	margaret.devereux@teagasc.ie
Wicklow	0402-38789	marie.kirwan@teagasc.ie



Teagasc Food Industry Training

Teagasc Food Industry Training

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

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

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

In addition, businesses can avail of assistance from consultants either at Teagasc locations or in-company to address the individual company development needs or for problem solving.

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



Food Industry Training Courses at Teagasc

Course Name	Course Aims	Duration	Target Participants
Animal welfare Certificate of Competence training	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.	One day	This course is aimed at meat operatives who are involved in the handling, lairage and slaughter of animals destined for human consumption.
Animal welfare Officer training	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.	One day	This course is aimed at designated meat industry personnel with the roles and responsibilities of ‘Animal Welfare Officer’.
Butchering of Beef, Pork and Lamb – An Overview	Originally developed in response to requests from small meat producers and those interested in potentially setting up a small meat processing business, this course will bring participants through the process of breaking down Beef, Pork and Lamb into the various retail cuts of interest to consumers.	One day	This course will be of interest to quality assurance, marketing or sales staff in the meat processing industry, farmers/producers, chefs and restaurant owners or individuals with an interest in finding out what the main cuts of beef, pork and lamb are and how they are broken down from the carcass.
Introduction to New Product Development (For the Food & Beverage Sector)	This course will provide participants with an understanding of food innovation and the new product development (NPD) process. It will introduce topics such as scaling production, shelf-life extension and packaging solutions, as well as presenting an overview of regulatory and labelling responsibilities.	One day	Entrepreneurs and small food producers, wishing to build their knowledge in relation to food innovation and new product development. Food technologists, brand managers and development chefs working in the food & beverage processing sectors.
Management of New Product Development	This course will introduce best practice methods for the successful management of NPD processes within a food business.	One day	This course is aimed at individuals who are involved in the development of new food products and the innovation process within their company/ business, including NPD and R&D staff.

Food Industry Training Courses at Teagasc

Course Name	Course Aims	Duration	Target Participants
Introduction to the Manufacture of Chocolate & Chocolate Confectionary	This course will provide an introductory overview of how chocolate and chocolate confectionary are produced, on a small scale through to larger volume production.	One day	Artisan and small producers or entrepreneurs wishing to build their knowledge in relation to the manufacture of chocolate. May also interest commercial chocolate manufacturing staff who would like to update their knowledge.
Farmhouse Cheese Making	This course aims to help companies achieve a more competitive position through improved knowledge of farmhouse cheese production, focusing on the technical and technological aspects of milk, cheese manufacture and cheese ripening with associated practicals.	Three days	This programme is aimed at both start-ups and current industry operators.
Microbiology for Non-Microbiologists	This IFSTI accredited course is designed to help those in the food industry with little formal microbiology training to gain a better understanding of the microorganisms associated with different foods, their characteristics and their implications for food safety and food spoilage. This course will also provide an insight into the techniques used in the laboratory to test for microbes and the interpretation of laboratory test reports.	One day	Those working in the food industry, including those involved in quality control, new product development and training. The course would be particularly valuable to those with responsibility for improving food quality and safety systems, e.g., HACCP.
Introduction to Sensory Principles	This course will provide participants with an understanding of the principles of sensory science, the human senses and how they are used in sensory evaluation, sensory methodologies and best practices when conducting sensory studies. It will introduce a wide range of best practice methods and real-life case studies.	One day	This course is aimed at technical and quality assurance staff, food technologists and development chefs who wish to incorporate sensory analysis in to their processes. It will also interest researchers from disciplines other than sensory science who require a better understanding of the principles.
Introduction to Fermented Foods	This course aims to provide entrepreneurs, food producers and those with a general interest in fermented products, with a better knowledge of the principles and practices involved in producing various fermented foods, such as kombucha and kefir, as well as an introduction to food safety, the equipment used and processing requirements	One day	Entrepreneurs and small food producers who are interested in setting up or already have a fermented food enterprise, and those producing fermented foods in the hospitality sector.

Food Industry Training Courses at Teagasc

Course Name	Course Aims	Duration	Target Participants
Natural Cheese Making	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.	In-company bespoke delivery	New or trainee operators. Experienced operators who have had no previous formal training in this area.
Processed and Substitute Cheese Products	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.	In-company bespoke delivery	New or trainee operators. Experienced operators who have had no previous formal training in this area.
Spray Drying	The course has been developed to provide the dairy processing operative with a better knowledge of the principles and practices involved in spray drying.	In-company bespoke delivery	New or trainee operators who have successfully completed dairy food processing courses. Experienced operators who have had no previous formal training in this area.
Evaporation	The course has been developed to provide the dairy processing operative with a better knowledge of the principles and practices involved in evaporation.	In-company bespoke delivery	New or trainee operators who have successfully completed Dairy Food Processing courses. Experienced operators who have had no previous formal training in this area.
Process Control and Management	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.	In-company bespoke delivery	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.

Additional Information on Teagasc Food Industry Training

<https://teagasc.ie/food/food-industry-development/food-industry-training/>





Postgraduate Certificate in Dairy Technology and Innovation (Level 9)

Course Duration:	One Year (part-time)
Awarding Body:	University College Cork
Course Code:	AL652
Location:	UCC/Teagasc Moorepark
Application:	Direct to UCC – online at www.ucc.ie/apply

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 honour (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 honour (grade 1) and a minimum of 2 years' experience working in the dairy industry will also be eligible for admission.

Duration

This level 9 qualification is part-time and consists of two blocks weeks (10 days) of face-to-face lectures and is supported by live tutorials and online lectures. To suit the seasonal nature of the Irish dairy industry it runs from October to March.

Further Information

Úna Martin

Programme Manager,
Food Industry Training Unit, UCC.

☎ 021 490 1423

✉ umartin@ucc.ie

www.ucc.ie/en/ckp16/



Locations & Contacts



Teagasc College Ballyhaise Agricultural College

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

Student Accommodation

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

Facilities/Activities

A large sports hall is available for indoor soccer, basketball, volleyball and badminton. There are also games rooms for pool, darts, table tennis, cards, TV and general socialising. There is wifi in the accommodation and many of the communal areas.

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. Facilities include a modern 12-unit herringbone milking parlour with automatic drafting, slatted houses, calving pens and isolation boxes. A computerised management programme is used to facilitate record keeping.

The 36 cow suckler herd is spring calving. All male progeny are finished under 16 months. Some heifers are retained for breeding and the remainder finished under 24 months.

There is also a selection of heifers reared from the dairy herd and brought through to beef. There is major focus on grassland management and incorporating clover into swards.

There is a sheep flock of 150 ewes, and 50 replacements managed for mid-season lambing. Rams used on the farm are Suffolk, Texel, Charollais, and Belclare.

All the farm enterprises have excellent facilities including various types of housing and handling units.

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.

Further Information

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

Teagasc, College of Amenity Horticulture, National Botanic Gardens, Glasnevin, Dublin 9. D09 VY63

☎ 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 118 hectares. The farm is part of the Signpost Programme and gives students a hands-on approach to learning, but it is 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 190 cows, and 40 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 20 spring-calving continental cows with the progeny reared to beef at 2 years. They graze with a flock of 60 mid-season ewes. The predominant breeds being Texel, Suffolk and Charollais. There is a new dairy calf to beef enterprise with 60 animals.

Contact

Keith Kennedy, Principal

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

☎ 023-8832500

✉ 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 daytime, 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 workshop, 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, 40ha tillage, 40 ha forestry and 33ha biomass. Farm performance figures (including profit monitor) are used with students.

Equine Unit

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

Contact

Jon Parry, Principal

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 115 dairy cows producing 600,000 litres of milk. Cows calve in spring and all replacements are reared with some bull calves finished in a 2-year beef system. There are 50 suckler cows with progeny reared to finished steers, heifers and bull beef. There are 130 ewes, which lamb in early February. There are 35 hectares of tillage, which includes wheat, oats, barley, maize and oil seed rape. The Department of Agriculture, Food and the Marine run extensive trials on cereals, maize and grass varieties at the

college. Some 50 horses are available for practical work with equine students.

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

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

Practical Training

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

Contact

Tim Ashmore, Principal

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

☎ 051-644400

📠 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 northeast 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, ATU, 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 a 90-cow dairy herd (high EBI pedigree Holstein Friesian), 30 suckler cow, 25-unit dairy calf to beef enterprise and a 230 ewe sheep flock.

Contact

Dr. Edna Curley, Principal

Mountbellew Agricultural College,
Mountbellew, Co. Galway. H53 WE00

☎ 090-9679205

📠 090-9679276

✉ edna.curley@mountbellewac.ie

www.mountbellewagri.ie

www.facebook.com/GurteenCollege/



Teagasc College/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 222 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 Technological University of the Shannon: Midlands Midwest, Teagasc and QQI.

Facilities/Activities

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

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

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

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

The College Farm

The college is farming 275 hectares. The dairy herd is one of the largest in the agricultural college sector. There is a 465 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 college has a 50 unit rotary milking parlour. There are 65 dairy calves to beef and 100 mid-season lambing ewes.

Contact

Derek O'Donoghue, Principal
Salesian Agricultural College,
Pallaskenry, Co. Limerick, V94 V8N3
☎ 061-393100
📠 061-393005
✉ info@pallaskenry.com
www.salesianag.com

Key Contact

Dr Anne-Marie Butler

Head of Education

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

☎ 051 644438

✉ annemarie.butler@teagasc.ie

Frank Murphy

Head of Curriculum Development & Standards

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

☎ 051 644400

✉ frank.murphy@teagasc.ie

College Principals

Ballyhaise (Agriculture & Forestry)

John Kelly

Teagasc Agricultural College Ballyhaise
Co. Cavan, H12 E392

☎ 049-4338108

✉ john.kelly@teagasc.ie

Botanic Gardens (Horticulture)

John Mulhern

Teagasc College of Amenity Horticulture
National Botanic Gardens
Glasnevin, Dublin 9, D09 VY63

☎ 01-8040201

✉ john.mulhern@teagasc.ie

Clonakilty (Agriculture)

Keith Kennedy

Teagasc Agricultural College
Darrara, Clonakilty, Co. Cork, P85 EK80

☎ 023-8832500

✉ keith.kennedy@teagasc.ie

Gurteen (Agriculture)

Jon Parry

Gurteen College
Ballingarry Roscrea
Co. Tipperary, E53 TP93

☎ 067-21282

✉ principal@gurteencollege.ie

Kildalton (Agriculture & Horticulture)

Tim Ashmore (Principal – Agriculture)

&

Grainne McMahon (Asst 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

☎ 0909-679205

✉ edna.curley@mountbellewac.ie

Pallaskenry (Agriculture)

Derek O'Donoghue

Salesian Agricultural College
Pallaskenry
Co. Limerick, V94 V8N3

☎ 061-393100

✉ derek.odonoghue@pallaskenry.com

Education Officer Contact

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, Coronea, Skibbereen,
Co. Cork, P81 AR23

☎ 026-41604

✉ patrick.flannery@teagasc.ie

Galway / Clare

Paul Mullins

Teagasc, Mellows Campus, Athenry,
Co. Galway, H65 R718

☎ 091-845800

✉ paul.mullins@teagasc.ie

Joey Larkin

Teagasc, Station Road, Ennis,
Co. Clare, V95 R889

☎ 065-6828676

✉ joey.larkin@teagasc.ie

Kerry / Limerick

Stephen Flattery

Teagasc, Cleeney, Killarney,
Co Kerry, V93 W935

☎ 064 -621713

✉ stephen.flattery@teagasc.ie

Laois / Kildare / Offaly

Teagasc Advisory Office

Teagasc, 1 Park Villas,
Portlaoise, Co. Laois

☎ 057-8621326

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

☎ 096-22077

✉ padraig.walsh@teagasc.ie

Meath / Louth / Dublin

Carmel Lennon

Teagasc, Kells Road, Navan,
Co. Meath, C15 NR79

☎ 046-9021792

✉ carmel.lennon@teagasc.ie

Roscommon / Longford

Shane Devaney

Teagasc, Abbey Street,
Roscommon, F42 XC63

☎ 090-6633220

✉ shane.devaney@teagasc.ie

Therese Hilliard

Teagasc, Town Centre,
Longford, N39 T180

☎ 043-3341021

✉ therese.hilliard@teagasc.ie

Education Officer Contact *contd...*

Sligo / Leitrim / Donegal

Veronica Ryan

Teagasc, Sligo Road, Manorhamilton,
Co. Leitrim, F91 DXE1

☎ 071-9835304

✉ veronica.ryan@teagasc.ie

Ciaran Kerins

Teagasc, Carrownanty, Ballymote,
Co. Sligo, F56 A585

☎ 071-9189402

✉ ciaran.kerins@teagasc.ie

Conor Maguire

Teagasc, Cavan Lower, Stranorlar,
Ballybofey, Co. Donegal, F93 R853

☎ 074-9190016

✉ conor.maguire@teagasc.ie

Patrick Gibbons

Teagasc, Carnamuggagh, Letterkenny,
Co. Donegal, F92 VE89

☎ 074-9194004

✉ patrick.m.gibbons@teagasc.ie

Tipperary

John Bergin

Teagasc, Castlemeadows, Thurles,
Co. Tipperary, E41 AK40

☎ 0504-21777

✉ john.bergin@teagasc.ie

Waterford / Kilkenny

Hugh MacEneaney

Teagasc, Mullinavat,
Co. Kilkenny, X91 YW32

☎ 051-898137

✉ hugh.maceneaney@teagasc.ie

Westmeath / Cavan / Monaghan

Ciara Hickey

Teagasc, Bellview, Mullingar,
Co. Westmeath, N91 PK10

☎ 045 843646

✉ ciara.hickey@teagasc.ie

Wicklow / Carlow / Wexford

Grainne O'Shea

Teagasc, Oak Park,
Carlow, R93 XE12

☎ 059 9183531

✉ grainne.oshea@teagasc.ie

Katie Doyle

Teagasc, Showgrounds, Gorey,
Co. Wexford, Y25 H603

☎ 0402 38788

✉ katie.doyle@teagasc.ie

[illegible]



