

**Further
Education**

Discover CAFRE

Course Prospectus 2021



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Welcome

The courses within this prospectus are suited to those leaving school, after Year 12, with GCSE qualifications or for people already working within the agri-food and land based sectors who want to attain a formal qualification.

Studying a course that will lead you to job success is what every student wants. Our courses will develop your skills and knowledge in the agri-food and land based industries to help you reach your potential in your chosen career.

Studying with
us will equip you
with employability
skills for life!

92%

of our students who completed their course were in employment, on a gap year or progressed on to further education within six months.



Why choose CAFRE?



CAFRE has excellent links with businesses and organisations, many of which employ our graduates.

Great job prospects

Students of all ages study at CAFRE because they're interested in getting a good job at the end of their course. Our results speak for themselves – on average 92% of our students are in employment or progress on to further education within six months of completing their course.

Practice makes perfect

If you're a hands-on type of person who doesn't want to be stuck behind a desk all day, then CAFRE courses and the careers they lead to, are perfect for you. Relevant practical experience in modern specialist facilities is a part of all our courses.

Industry links

CAFRE has excellent links with businesses and organisations, many of which employ our graduates. They show their support by providing work placements, guest lecturers and real-life course projects.

Specialist facilities

You'll go far to find better facilities to study for courses in agriculture, land-based engineering, horticulture, floristry, food, veterinary nursing or equine studies than those at CAFRE. With ongoing investment, we keep our facilities up-to-date to benefit not just our full-time students but also people from industry, who continue their professional development through our short courses.

Financial support

The full-time Further Education courses in this prospectus are funded by the Department of Agriculture, Environment and Rural Affairs and most students are eligible for that funding. Our accommodation and living costs are competitively priced. If you are a Northern Ireland resident, you can apply for a means-tested living expenses grant.

Small and special

You are treated as an individual at CAFRE. Staff are friendly and approachable and make sure that you are supported both personally and academically to achieve your potential.

Opportunities to progress on to higher level courses

On completion of a Level 2 course you may be able to progress on to a Level 3 course. Gaining a Level 3 qualification offers the opportunity to apply to study on Foundation and Honours Degree courses.

Investing in your future

One of the great things about CAFRE is that each of our three campuses delivers a specific range of courses and has the specialist facilities to match. We've invested in our buildings, equipment and resources so you can get the most out of your time with us. Get ahead of the competition with the practical skills you learn on our courses.

Food fantastic

We're very proud of our Food Technology Centre at Loughry Campus, the largest facility of its kind in the island of Ireland. It's designed to show best practice in food manufacturing across all the main food product sectors, such as fruit and vegetables, meat, dairy and bakery. Our Food Innovation Centre incorporates product development, commercial kitchens and sensory assessment facilities together with modern teaching rooms - everything you'll need on your food course. Food packaging supports a multi-million pound industry, which you might want to work in. We've a Packaging Centre at Loughry Campus which is used by industry personnel and by our students, of course.

All things equine

At Enniskillen Campus you'll find indoor and outdoor arenas for all aspects of equitation. In the racing yard we give students invaluable experience in handling and riding racehorses. Students make use of the gallops, which include a uphill section and the schooling track, where they experience the thrill of riding a racehorse over fences at speed. While working in the breeding unit students handle and manage the thoroughbred and sport horse brood mares and their young stock. They participate in the foaling rota, which can be either a quiet night or a very full-on experience. Students have the opportunity to prepare and take the weanlings to the sales. The equitation unit has a range of horses to meet the students' needs. The equitation club attends cross country schooling events and Balmoral. Some of the student year groups organise in-house competitions and demonstrations.

Green boots

Greenmount Campus is the centre of all things green – that's agricultural and horticultural. The 353 hectares around the campus are used for arable, dairying and lowland beef and sheep farming. Our Dairy Centre accommodates 180 cows and has all the latest technologies including comfort housing and cow handling, waste management and parlour recording systems. Another 978 hectares of hill land carrying 1,100 ewes and 110 suckler cows, is managed in an environmentally sustainable manner to promote wildlife and protect habitats. Both farms are used by CAFRE technologists and advisers to demonstrate and promote the latest advances in agriculture and land use.

We also have a constructed wetlands system, which acts in a similar manner to the bio-filtration action of natural wetlands. There we channel waste water from the farm through a series of five ponds and at the end it is of good enough quality to release into a stream. Students use this site in their environmental science work.



Each campus delivers a specific range of courses with specialist facilities to match.

Green fingers

Greenmount Campus itself is set in 18 hectares of landscaped grounds, originally laid out in the 19th century. The walled garden, built in 1801, is a major horticultural attraction with its knot garden, maze and fruit garden. Sportsturf enthusiasts will appreciate the six hectares devoted to playing fields and to the Greenkeeping and Golf Academy, with its driving range and course. Staff at the Horticulture Centre work with students and industry personnel in the modern production facilities for ornamental and edible crops. These include environmentally controlled glass houses with ebb and flow floors, automatic venting, water recycling and solar panels.

Machinery and Building Centre

Our Machinery and Buildings Centre allows agriculture, land-based engineering and horticulture students to carry out all their machinery and building activity in one specialist facility. It contains three fully equipped workshops for machinery maintenance, a series of welding/construction booths and a buildings demonstration facility for estate skills, as well as teaching rooms and IT facilities.



Access all (I.T.) areas

Once you're enrolled at CAFRE you're given your password to the student intranet, CAFRE Online, an online learning environment. It's the place to go for accessing lecture notes and submitting assignments, completing assessments and communicating with your lecturers. There's also an online storage system for all your downloads and you will have access to the many computer suites located around each campus. Although we have top of the range IT facilities, you still need books so we have libraries with all the necessary specialist journals, technical reports and newspapers to help with those projects and assignments.

High-tech stuff

Many of our courses teach you the science you'll need in your career, so we have up-to-date laboratories where you can carry out biological, chemical and physical analyses on crop, livestock and food products. If you're looking for spectrophotometers and texture analysers or electrophoretic equipment, you'll know where to find them.



Hands on experience

CAFRE courses are designed to prepare you for a job in real life – so no more sitting in a classroom all day. We combine classes with practical sessions to allow you to apply what you've learned to real situations. Assignments and case studies will teach you how to solve problems that occur in everyday work.

Getting your hands dirty

Our extensive practical facilities are widely used by all students, who really put 'learning-by-doing' into practice, and along the way gain the skills that put them ahead in the job stakes.

Equine students get involved in the business units at Enniskillen Campus; breeding, equitation and racing, making decisions with support and advice from industry representatives. You can't get better hands-on experience than spending months preparing foals for the sales and then taking them right through to the sales ring.

Students at Loughry Campus are involved in the production of food products in the Food Technology Centre. Ever wanted to design and produce a new food product that actually makes it to the supermarket shelves? Well, food students do just that, through a New Product Development (NPD) competition sponsored by a leading food company. There's also the chance to have your say on food products in the sensory perception facilities.

Horticulture students produce and retail garden centre plants, such as poinsettias at Christmas and work on landscaping projects.

Agriculture students are involved in the day-to-day activities on the dairy, beef, sheep and arable farm enterprises.

Land-based Engineering students undertake maintenance and repair of a range of farm machinery.

Case studies will teach you how to solve problems that occur in everyday work.



Industry contacts

The connections you make on your course can help you get a great job after (or sometimes before) graduating. In the search for a job, CAFRE students benefit from our excellent links with businesses and organisations in all the land-based and food industries.

We involve people from the world of work in everything that we do, from the industry experts who sit on our College Advisory Group to the specialists who advise students on the management of enterprises or projects. This means that our course content is current and relevant to industry because we seek their feedback and take their opinions on board.



Helping you towards your future career.

Work placements

There's no better way to boost your CV than through an impressive work placement. Some of our students make such a good impression on placement that they get offered a job before finishing their course.

On work placement you'll find out what it's really like to work in your chosen industry. It will help you develop your interpersonal and communication skills and improve your organisational abilities.

Many businesses contact our Work Placement Coordinators offering work placements for students.

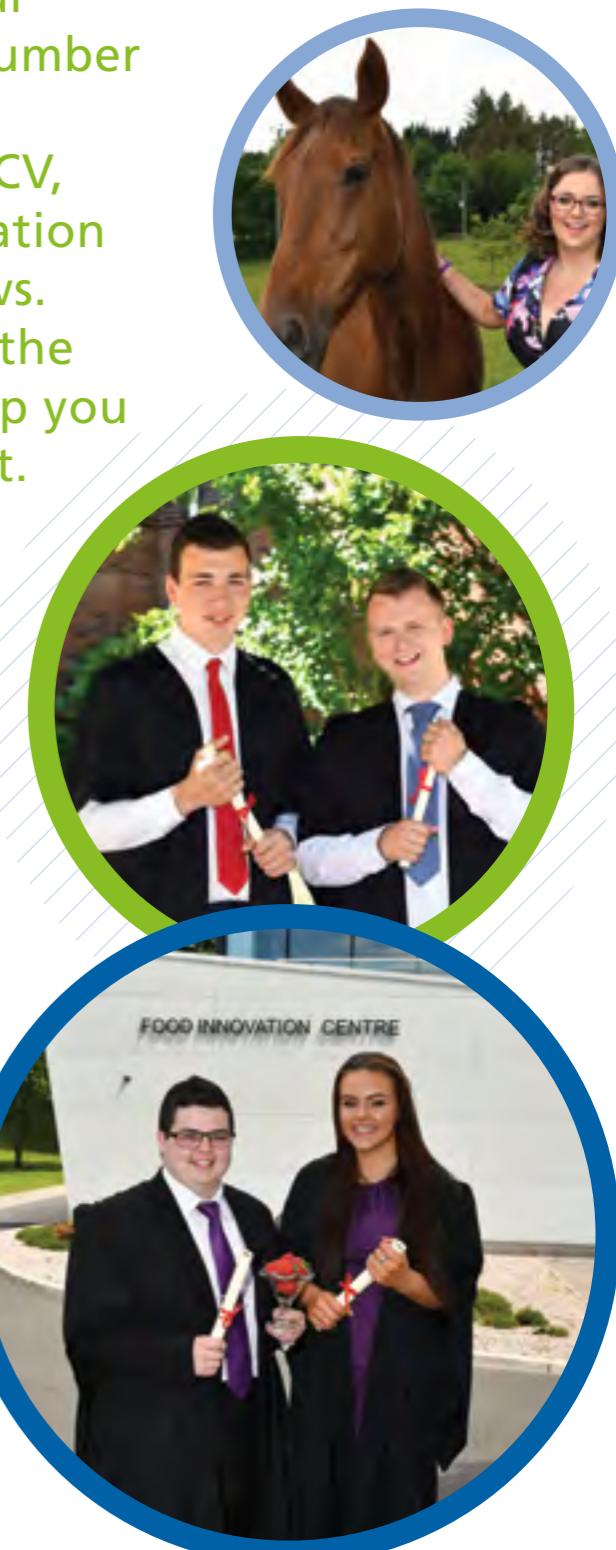
Look to the future

We'll help you prepare for your future after graduation in a number of ways; you'll get training on how to write an eye-catching CV, assistance in interview preparation and practice at mock interviews. Some of this training starts in the first year of your course to help you obtain a good work placement.

In the final year of your course you'll get a chance to meet potential employers at a careers fair, organised every spring. Students can talk to employers and pick up employability and interview tips from seminar speakers. It's a great opportunity to find out what employers are looking for and what will help you stand out from the crowd.

Companies are aware of the high calibre of CAFRE graduates and keep us informed when they are advertising vacancies.

We have a jobs section on our website, www.cafre.ac.uk, which lists the jobs available in our specialist subject areas right across Northern Ireland and further afield. It provides a useful resource, for both past and present students, as you can access the site even after graduation.



Having fun

Our three campuses are set on the outskirts of the towns of Antrim, Cookstown and Enniskillen. The spacious campus rural estates offer the perfect settings for students to explore.

From Induction Week onwards you'll make new friends and quickly start to socialise both on and off campus. All of our campuses are near local towns and you'll soon hear of trips organised for fun further afield.

The Students' Council

Class representatives are elected to the Students' Representative Council (SRC) at each campus. Each SRC organises a lively programme of social events throughout the year and supports local charities through fundraising events. The highlight of the year is the Student Formal, held by each campus, when students dress up and let their hair down at the same time.

The clubs for sports and other activities vary from campus to campus, depending on the interests of the students. Students at Enniskillen Campus make use of the equine facilities which includes three yards – equitation, racing and breeding.

There are a number of clubs and members attend a range of competitions, races and sales. Livery is available for a limited number of student horses. Students with their own horses can access the horse walker, hacking track, indoor and outdoor arenas after hours.

Both Greenmount and Loughry Campuses have sports pitches. Greenmount also features a four hole golf course and practice range as part of the Greenkeeping and Golf Academy. Loughry students have access to a recreation centre on site incorporating a gym and sports hall in addition to the facilities available at the Mid Ulster Sports Arena, located on the edge of the campus.



Accommodation

Not all students live on campus, but those who do enjoy modern, competitively-priced accommodation with an attractive range of amenities, laundry and recreational facilities. Priority for on-site accommodation is given to students under 18 years of age, students with special needs and first year students.

Accommodation costs

It would be difficult to find better value student accommodation at any other college in the UK. The cost varies depending on the type of accommodation allocated but will fall within the region of £1,410-£1,900. Remember these charges include heating and electricity.

Meals

Our modern dining rooms and snack bars offer food and drinks throughout the day. To help you budget there is an electronic prepaid card facility to pay for the food that you buy on campus.

A catering package must be taken for those living in under 18 accommodation which costs in the region of £630-£960 per year, depending on campus.

Home from home

At **Greenmount Campus**, 125 students aged under 18 are accommodated in Halls of Residence and 70 rooms are available for students aged over 18 in the self-catering village blocks and small bungalows. Greenmount students can use the sports hall, multi-gym and sports and recreational facilities on campus.

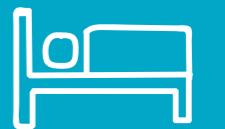
Loughry Campus accommodates 95 students in single study bedrooms. Students have access to the Mid Ulster Sports Arena and the recreation centre on campus offering a range of activities.

Enniskillen Campus has accommodation for 70 students in single study bedrooms and student bungalows. Students can use the multi-gym as well as the recreation room which includes pool tables, air hockey and table tennis. In addition, they are encouraged to help develop their fitness by using the dressage and two racing simulators on site.

Student Services Managers

Staff at each campus are always on-hand to offer advice and assistance should you need it.

You'll meet the Student Services Managers at our Open Days and they will provide support as you make the move away from home. For more information on our accommodation visit www.cafre.ac.uk



195

Greenmount
students in Halls
of residence.



95

Loughry
students in single
study bedrooms.



70

Enniskillen
students in single
study bedrooms.

Money matters

There are no fees for CAFRE full-time Further Education courses. For information on costs associated with individual courses please refer to our website.

DAERA funding

CAFRE is part of the Department of Agriculture, Environment and Rural Affairs (DAERA) and most students enrolled on Further Education courses at CAFRE are eligible for funding by DAERA. However if you have previously undertaken a publicly funded Further Education course in the United Kingdom you will not normally be eligible for funding for a CAFRE course at the same or lower level.

What financial support is available?

If you are a Northern Ireland resident you can apply for a means tested living expenses grant. The amount of grant depends on whether you live at your parental home or away from home.

DAERA's financial support is administered by the Further Education Awards Section of the Education Authority. A DAERA booklet called "Further Education Financial Support for Students" explains the details of this financial support and you can obtain a copy from CAFRE's Admissions Office or the Education Authority.

You can also download this information from www.daera-ni.gov.uk or www.eani.org.uk/feapplication

Additional support

There are other grants and allowances available to help you with the cost of undertaking your course if you have a disability or dependants. Information on all these grants and allowances, and how and when to apply, can be found in the DAERA booklet.

For more information on financial support for full-time Further Education courses at CAFRE please contact:

Education Authority

Further Education Awards Section
1 Hospital Road
Omagh
BT79 0AW

Tel: (028) 8225 4546

Email: feawards-wr@eani.org.uk



A large circular image showing two young men smiling and looking at a laptop screen. One man is wearing a red hoodie and the other is wearing a grey hoodie. They appear to be in a classroom or study area.

How to apply for a CAFRE course

Applying to CAFRE

So you've decided that a CAFRE course is right for you. What next?

You apply to CAFRE online for any of the courses listed in this prospectus www.cafre.ac.uk

Applications for a course will only be accepted from 1st October of the year preceding the year in which you expect to enrol.

Students must be at least 16 years of age on or before 1st July in the year they propose to enrol on the course.

You can apply for more than one course, but you must indicate your course preferences by ranking their order on your application. We will acknowledge receipt of your application form within seven days.

What happens next?

You will be invited to attend a short careers interview at the campus of your choice. If you are successful in your application you will be made an offer of a place on a course but this may be conditional on achieving minimum examination results and/or undertaking work experience.

Before we can confirm your place on a course, you must provide us with a copy of your examination results/certificates.

A letter will be sent to you within five working days of the interview.

As soon as you receive your examination results you should contact the College to check if your conditional offer can be confirmed. You can contact us for information or advice at any time during the application process. When your offer is confirmed and you inform us that you are accepting a place at CAFRE, we will send you details of accommodation, timetables and any protective clothing or equipment that you may require.

If courses are oversubscribed, minimum entry criteria may be enhanced and date of application may be considered.

Apply online
for a course
that suits you...

www.cafre.ac.uk

Applications
received after
30th June 2021 will
only be considered
if there are places
left on the course.

Entry requirements

When we receive your examination results we convert the grade attained into points to enable the College to rank order the applications received based on scores.

Qualification	Grade	CAFRE points
GCSE	A*	6
	A	5
	B	4
	C*/C	3
	D	2
BTEC Level 2 Diploma / First Diploma	Distinction	20
	Merit	16
	Pass	12
Essential Skills / Key Skills	Level 2	3
	Level 1	2

Where an applicant has completed a Level 2 qualification or equivalent after completing GCSEs, CAFRE will normally base any offers on the qualification, which attracts the higher points.

Students enrolled on a CAFRE course, who do not have a GCSE in English and Mathematics at Grade C or above, or equivalent, will have to complete Essential Skills qualifications.

Applicants who have previously completed a qualification will only be offered a place

on a programme at the same level after all other applicants have been considered. Further clarification on what constitutes progression is available by emailing: enquiries@cafre.ac.uk

Where a course requires a Science subject as an entry requirement and Single or Double Award Science has not been studied, please email: enquiries@cafre.ac.uk for clarification on other relevant Science subjects.

Application process

Top tips

- Apply early
- Study hard
- If your grades fall below what you expected talk to us for advice

Expected to meet or exceed entry requirements



On Results Day

Email results you have received from any Awarding Body other than CCEA, along with your name, address and date of birth, to the campus where your course will be delivered. Once we have received all your results CAFRE will contact you regarding the status of your offer.

If your results obtained are below entry requirements, don't panic! Contact CAFRE admissions to discuss your options on **0800 028 4291**



Here to help

You'll find that starting college, making new friends and studying a subject of your choice is exciting, but it can also be a bit challenging. No one will admit it of course, but the other students on your course will be feeling just as nervous as you. Part of college life is about learning to look after yourself, making decisions and managing your time and money.

Our Student Support Officer provides advice and guidance on personal, academic and financial matters. In the first few days of your course you'll take part in an induction programme during which you'll find out about our full range of support services.

Residential support team

Staff are available 24 hours a day at each campus to assist students living in accommodation.

Medical services

Residential students who wish to transfer to a local doctor, or who are living outside the practice area of their family doctor (generally 15km), may register with a local doctor of their choice. If you are unwell, the Residential Support Team will make arrangements for you to attend a doctor, or if necessary, take you to hospital.

Support for students with disabilities

If you have a disability or specific learning difficulty please let us know as early as possible so we can meet your individual requirements and provide timely support. Contact our Student Support Officer for further information.

Safeguarding at CAFRE

Our team of Safeguarding Officers help keep students safe whilst studying at CAFRE. They will respond to concerns about alleged or suspected harm and have in place plans to help and protect those who cannot protect themselves.

Counselling service

As a CAFRE student you will have access to a free 24/7 independent and confidential service either by telephone or by face-to-face counselling on or off campus. The service is discreet and professional and its staff have experience in dealing with all types of issues students may face. We hope you will not need this service but it is reassuring to know that it is there.

CAFRE student support services comply with our policies on; Anti-bullying, Drugs and Alcohol, Pastoral Care, Health Promotion, Equality and Diversity, Sexual Orientation discrimination and Health and Safety. Full details of these policies and our Student Charter are available at www.cafre.ac.uk



**Don't worry,
there's a range of
people at CAFRE to
help you any time
you need support.**

01

Agriculture courses



Level 3 Advanced Technical Extended Diploma in Agriculture

Level 2 Technical Certificate in Agriculture

Level 3 Diploma in Work-based Agriculture

Level 2 Diploma in Work-based Agriculture

Multi-Skilling Programme



Industry insights



Employers are continually seeking graduates with a sound grasp of new developments.

The agriculture sector is one of the largest employers in Northern Ireland and produces a gross output of just under £1.5 billion each year.

With the current challenges and opportunities facing the agricultural industry it is essential that those considering a career in this sector are capable of adapting to change and availing of market opportunities.

Agriculture courses at Greenmount Campus are highly practical and business focused and aim to develop students' skills to enable them to work either on the home farm or to pursue a career in the agriculture sector.

Career profile

QQ I farm a Salers suckler herd and run a flock of Mule, Texel X and easy-care ewes, in partnership with my father on our farm outside Strabane, County Antrim.

In June 2019, I completed the Level 3 Extended Diploma in Agriculture at CAFRE, Greenmount Campus. I thoroughly enjoyed the course and my time spent there.

The first year of the course consisted of a well balanced mix of classroom teaching and practical learning which was then put into practice on the campus farms. The farms provided an excellent practical learning resource enabling me to 'learn by doing'. I particularly enjoyed the days I spent at the Hill Farm Centre at Glenwherry.

As part of my course I completed a one year work placement on a 2,200 hectare hill farm in Newtown Stewart, Scotland. The farm comprised 400 Salers suckler cows, 1,100 Lleyn ewes and 800 Blackface ewes. The vast scope of the farm made this a unique experience for me and I learnt so much during my time there. Whilst there I completed a sheep shearing course and got plenty of opportunities to test out my new skills!

In October 2019, I jetted off to New Zealand with four friends for the summer season. I worked for an agricultural contractor based

near Invercargill, in the southern tip of the island. Working on numerous farms in the region, I had the opportunity to see many different farming practices, some of which I am keen to try at home.

I maintain my links with CAFRE and staff at Greenmount through my involvement in the Business Development Groups. I am a member of a local Sheep group and my experience to date has been very positive; improving my knowledge of sheep farming and learning from the experience of others. I particularly enjoy taking part in the meetings held on other members' farms where there is always something new to see and learn.

The agriculture industry doesn't remain the same so it's important that those working in farming businesses adapt to the challenges and 'farm wiser not harder' and CAFRE certainly helps you foster that ethos. QQ



Alexander Boyd

Agriculture career prospects

Students enter the industry at different levels depending on their qualifications and experience. Graduates from our further education courses have the option of continuing their study for a higher level qualification or may seek employment after graduation.

For more information on career choices visit www.cafre.ac.uk

Farmers/Practical agriculture

Some graduates return to farming either as farmers or assistants on large farms. Successful farmers need to be technically and practically competent and be able to make good business decisions in a changing environment.

Unit manager – pigs, dairy, beef or sheep

Unit managers will focus on one livestock enterprise within a farm business, managing the daily running of that unit. Work will vary depending on the livestock involved but will generally involve breeding, feeding and animal health. Unit managers may need to work closely with other section heads.

Agriculture machinery operator

There is a wide variety of work involving machinery operations, including cultivation and planting, spraying, sowing, fertilising, harvesting crops and silage, digger work and spreading slurry. Basic maintenance of machinery will also be expected.

Assistant farm manager

Carry out the day-to-day running of a farm working closely with the farm manager. Work may involve grassland management, crop and livestock husbandry depending on the farm.

Livestock technician

There are many variations of a livestock technician, but most offer specialist services to dairy, beef and sheep farms including cattle foot trimming, artificial insemination of cows and ewes, and pregnancy diagnosis through scanning.



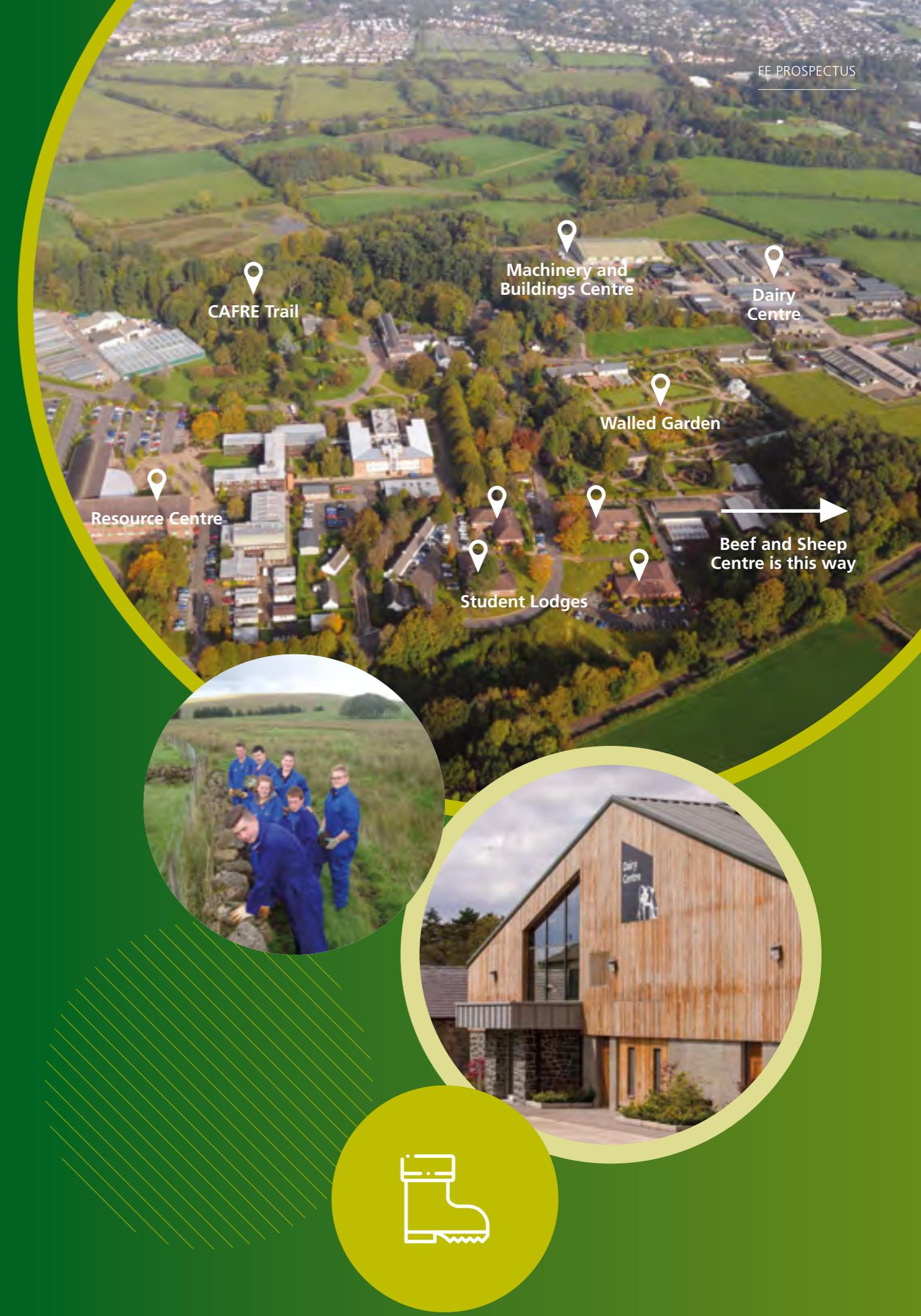
Our Agriculture facilities

Greenmount Farms

The globally recognised LEAF Marque (Linking Environment And Farming) assurance standard promotes sustainable and profitable production from environmentally responsible and sustainable farm businesses. The College farm is LEAF Marque accredited. The three centres ensure integrated decision making and high environmental standards are used to produce premium quality food.

The three farm centres, known as the Hill Farm Centre (978 hectares), the Dairy Centre (238 hectares) and the Beef and Sheep Centre (115 hectares), provide excellent practical learning resources for students.

The Lowland Beef and Sheep Centre also provides areas for producing LEAF certified cereal and potato crops.



Level 3 in Agriculture

This City & Guilds Advanced Technical Extended Diploma in Agriculture (1080 award) is a three-year sandwich course, equivalent to three A-Levels. It is designed to provide the knowledge and skills essential for a career in the land-based sector. The course combines practical skills on the college farms, classroom theory and one year of industry work experience.

Fact File:

Course duration:

Three years full-time including one year work placement in Year 2

Course location:

Greenmount Campus

Course Manager:

Irene Downey

Telephone:

028 9442 6753

Email:

Irene.Downey@daera-ni.gov.uk



Course content

The main areas of study are:

- Animal health and nutrition
- Animal, plant and soil science
- Beef, sheep and dairy production
- Business management
- Crop production
- Estate skills
- Farm habitat management
- Health and safety
- Livestock husbandry
- Machinery operations
- Pollution and waste control management
- Work placement

Year 2 comprises of a 52 week work placement where students develop skills in commercial decision making, enterprise management and problem solving.

Entry requirements

Normally four GCSE passes at Grade C, or equivalent, including English, Mathematics and a Science subject or equivalent qualifications are required. Applicants must also demonstrate that they have relevant industry experience, which can be acquired prior to leaving school.

or

Level 2 qualification in Agriculture normally at Distinction level, or an equivalent qualification and normally Grade C in English and Mathematics or equivalent.

or

Applicants who can demonstrate significant relevant industry experience will also be considered. These applicants may be required to submit work-based evidence and undertake written assessments and/or practical competence tests as part of the assessment.

Entry requirements will be enhanced if the course is oversubscribed.

Progression opportunities and career destinations

This course may provide students with an opportunity to progress on to relevant Foundation and Honours Degree programmes. There is a wide range of employment opportunities including supervisory posts in the feed, agrochemical and fertiliser sectors as well as herd and farm management roles.



Ryan Pickering

I completed my work placement on a dairy farm outside Ballywalter. I learned about the running of the farm including milking cows, feeding cows a total mix ration, calf husbandry and got plenty of tractor work as well. It was a really enjoyable experience which involved plenty of hard work.

I highly recommend this course as it not only gives you a good grounding within the industry but also provides opportunities to progress on to higher education.

Level 2 in Agriculture*

This one year full-time City and Guilds Technical Certificate in Agriculture course covers a wide range of farm enterprises. It is ideal for those who want to work on a farm. Students will learn practical crop and livestock skills both on the college farms and in the classroom. Students will also complete work experience as part of their course.

Fact File:

Course duration:

One year full-time

Course location:

Greenmount Campus

Course Manager:

Irene Downey

Telephone:

028 9442 6753

Email:

Irene.Downey@daera-ni.gov.uk

Course contents

The emphasis is on the application of skills and knowledge and over half of the course is practical.

The main areas of study are:

- Crop husbandry
- Estate maintenance
- Farm animal production
- Health and safety
- Machinery operations
- Working in the agriculture industry

Students who have not attained a Grade C or above in English and Mathematics at GCSE or equivalent qualifications, have to complete Essential Skills in Communication and Application of Number.

Entry requirements

Applicants must normally have obtained at least two GCSE Grade Cs or three Grade Ds, including English and Mathematics (or equivalent Essential Skills qualifications in Communication and Application of Number).

Applicants should also normally have completed 40 hours of relevant work experience before starting the course.

Where courses are oversubscribed, entry criteria may be enhanced in line with the College's Admissions Policy.

Progression opportunities and career destinations

This course may provide students with an opportunity to progress on to Level 3 Agriculture courses. After completing this course the majority of students work in practical agriculture.



*This course will be offered subject to sufficient numbers



Ross Porter

At home we farm beef and sheep. I run a small suckler herd of my own and buy in drop calves and weanlings to rear for the beef market. I wanted to expand my agriculture knowledge so applied to the Level 2 course to learn more about other agricultural enterprises. I really enjoyed my time at Greenmount and all the practical work that was involved in the course. I have applied new knowledge to our home farm. Since completing the course I now work for a local dairy farm milking 300 cows and 160 suckler cows. I also hope to travel to New Zealand in the future to apply my knowledge and gain even more practical skills.

Level 3 Diploma in Work-based Agriculture

This City & Guilds Diploma provides education and training to Level 3 and gives applicants the flexibility to combine work and education. The course reinforces production and management skills in a chosen livestock enterprise.

This course can also be studied through the Apprenticeship work-based training programme if you are between 16 and 24 years old. Please refer to our website for further information.

Fact File:

Course duration:

Two years

Course location:

Based in the workplace with 'off-the-job' training and assessment at Greenmount Campus and Enniskillen Campus

Course Manager:

Lorna Christie

Telephone:

028 9442 6918

Email:

Lorna.Christie@daera-ni.gov.uk

Course content

Students study one of the following livestock enterprises:

- Beef and sheep production
- Milk production and cover nutrition, grassland management, housing, animal health, selecting stock, business management and the environment

Entry requirements

Applicants must have completed a Level 2 Diploma in Work-based Agriculture and normally a Grade C in English and Mathematics or equivalent.

or

Level 2 Apprenticeship, Diploma or Technical Certificate in Agriculture or equivalent qualification and normally a Grade C in English and Mathematics or equivalent.

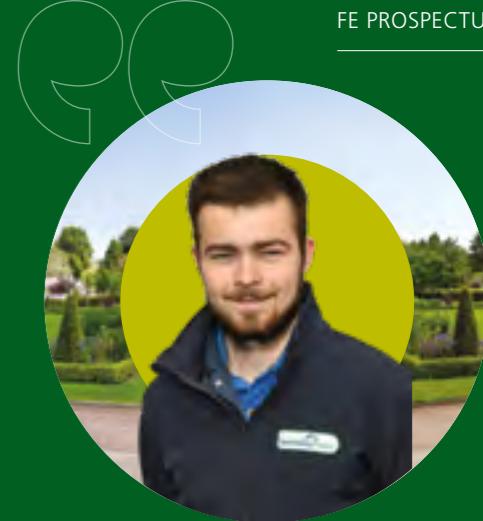
Applicants who can demonstrate significant relevant industry experience will also be considered. These applicants may be required to submit work-based evidence and undertake written assessments and/or practical competence tests as part of the assessment.

Those eligible for the Apprenticeship Scheme will be required to undertake the programme as an Apprentice.

Progression opportunities and career destinations

This course may provide students with an opportunity to progress on to Level 4 Diploma in Work-based Agricultural Business Management.

On completion of the course, students will have the necessary skills to work in a variety of businesses connected with farming and practical agriculture.



Peter Gillespie

I come from a small dairy farm in Co. Antrim and have always had a strong interest in agriculture. I attend Greenmount Campus one day per week in order to complete the Level 3 qualification. As part of my course I work four days a week on a large progressive dairy farm.

This farm has recently installed three robots and I have gained invaluable experience by seeing this process from start to finish. On completion of the course I hope to return to my home farm.

I will bring back the skills and knowledge I have gained from CAFRE and my work placement and put them into action, hopefully increasing efficiency and perhaps even installing a robot.

Level 2 Diploma in Work-based Agriculture

This City & Guilds Level 2 Diploma places an emphasis on practical skills development. Students attend class one day per week with the other four days being spent on the farm.

This course can also be studied through the Apprenticeship work-based training programme if you are between 16 and 24 years old. Please refer to our website for further information.

Fact File:

Course duration:

Two years

Course location:

Based in the workplace with 'off-the-job' training and assessment at Greenmount Campus, Enniskillen Campus and outcentres

Course Manager:

Lorna Christie

Telephone:

028 9442 6918

Email:

Lorna.Christie@daera-ni.gov.uk

Course content

Basic skills include:

- Animal health and welfare
- Animal selection and breeding
- Feeding livestock
- Keeping farm records
- Manual handling
- Routine treatments, for example, dosing, injecting

Students who have not attained a Grade C or above in English and Mathematics at GCSE or equivalent qualifications, will complete Essential Skills qualifications in Communication and Application of Number as part of their programme of study.

Those eligible for the Apprenticeship Scheme will be required to undertake the programme as an Apprentice.

Entry requirements

Applicants must normally have obtained at least two GCSE Grade Cs or three Grade Ds, including English and Mathematics (or equivalent Essential Skills qualifications in Communication and Application of Number).

Applicants must be working within the agriculture sector for at least 21 hours per week for the duration of the course.

Where courses are oversubscribed, entry criteria may be enhanced in line with the College's Admission Policy.

Progression opportunities and career destinations

This course provides students with an opportunity to progress on to the part-time Level 3 Work-based Diploma in Agriculture or on to the full-time Level 3 Advanced Technical Extended Diploma in Agriculture.



Kathryn Strange

Home for me is a robotic dairy farm just outside Ballyclare, County Antrim. This Level 2 course has helped me develop my practical skills, which are useful not only on my home farm but also whilst working on my work placement farm. Not only have I learned the practical skills required for stock care, such as veterinary treatments, but I have learnt how to perform tasks in a safe way which will help keep myself and those around me safe.



Multi-skilling Programme

This programme aims to provide young people with the opportunity to gain a qualification in agriculture whilst training for a trade at a local Regional College.

Fact File:

Course duration:

59-78 weeks (depending on the main programme category)

Course location:

Greenmount Campus

Course Manager:

Lorna Christie

Telephone:

028 9442 6918

Email:

Lorna.Christie@daera-ni.gov.uk

Course content

Students will undertake study at Greenmount Campus, on block release, to gain a City & Guilds Level 2 Diploma in Work-based Agriculture – Livestock Production.

Students must apply to a Regional College to complete training in a trade area, for example: joinery, plumbing, plastering, bricklaying or motor mechanics.

Students attend Greenmount Campus for five one-week blocks. Skills undertaken include:

- Grassland management
- Health and safety
- Livestock husbandry and nutrition
- Record keeping

Entry requirements

Applicants must normally have obtained at least two GCSE Grade Cs or three Grade Ds, including English and Mathematics (or equivalent Essential Skills qualifications in Communication and Application of Number).

Applicants should also normally have completed 40 hours of relevant work experience before starting the course.

Where courses are oversubscribed, entry criteria may be enhanced in line with the College's admission policy.

Progression opportunities and career destinations

This course provides students with an opportunity to progress on to Level 3 programme in Agriculture.

Graduates have the option to gain employment in their trade area or in agriculture.



Robbie Wilson

I live on a beef and sheep farm in Newtownbutler. When I finished my GCSEs, I considered a number of options to continue my studies. I was keen to do Agriculture but felt that learning a trade would provide an opportunity to gain off farm employment.

When researching my options I found an Apprenticeship Engineering course in my local college. Alongside this I decided to enrol on the Multiskilling programme, at Greenmount Campus.

The multiskilling programme takes place during the holiday periods from my engineering course. At the end of the course I will be awarded a Level 2 qualification in Agriculture.

I am really enjoying the Multiskilling course and on completion I hope to further my studies with the Level 3 Work-based Diploma in Agriculture

02

Equine courses

Level 3 Advanced Technical Extended Diploma in
Equine Management

Level 2 Technical Certificate in Equine Care

Farrier Upskilling Programme



Industry insights



Enniskillen Campus currently provides the widest range of equine programmes in Ireland.

The equine industry is an international business with many job opportunities, enabling students to experience life and work around the world.

Enniskillen Campus provides the widest range of equine programmes in Ireland. Courses have been developed which meet the needs of the industry and students, producing graduates with the capability to succeed in a wide range of careers.

Through the courses, the College aims to help develop a competitive equine industry and aspires to give students an insight into many different equine related careers.

Career profile

QQ I completed my Level 3 Extended Diploma in Horse Management at Enniskillen Campus.

While I was in my first year I participated in an Erasmus+ study programme where we visited many international dressage and showjumping yards in Holland. During this trip, I undertook work placement at the stables of Olympian Piet Rajmakers. This gave me an insight into the management and operation of an international showjumping business. We also visited the impressive facilities at Zangersheide Stud and I was inspired by the standard of riding and how well they produce their horses. I dreamed of returning there someday.

Once I graduated, I knew I needed to gain more competition experience in order to achieve my goals. I worked with Linda Courtney, Nutts Corner and Michael McCann, Banbridge where I developed my skills and gained the experience of working in a competitive yard. I was lucky to secure a job at Zangersheide and while I was there, I benefited from training by international riders and trainers such as Christian Ahlmann and Judy Ann Melchior.

From there I spent six months at Ashford farm in Belgium and I am now working with Simone Blum, individual Gold Medal winner at the 2018 World Equestrian Games. My role is to produce young horses up the levels. Some of these will be sold or kept for Simone to compete at a high level. My biggest achievement to date was winning a 1.35 Grand Prix at Olivia Nova last year. My aim for this year is to place in a 2 Ranking class or Grand Prix. QQ*



Adam Morgan

Equine career prospects

Students enter the equine industry at different levels depending on their qualifications and experience.

Racing careers

The racing industry requires highly skilled people to work with Thoroughbreds. Successful staff require well developed people skills and knowledge of the industry, as well as excellent horsemanship.

Competition and stud careers

Grooms should be in excellent health, physically fit, hardworking, skilled and motivated. Some grooms also ride and compete in their chosen discipline. Progression to head groom or travelling groom usually comes with experience.

Riding careers

There are a number of jobs worldwide for experienced work riders. Talented, dedicated riders can progress in their area of expertise to become competition riders or jockeys.

Retail careers

Equine retail is an expanding part of the industry. Staff in this area of work need an extensive knowledge of horse tack and riding equipment, along with excellent communication skills.

Horse production

The production of sport horses is a large part of the industry. The production of horses requires excellent horsemanship, good people skills and knowledge of business management and marketing.



Our equine facilities

Equine courses offered at Enniskillen Campus incorporate a strong practical dimension and the philosophy of 'learning by doing' is applied throughout all programmes.

Specialist amenities

High quality equine education and training has been delivered at Enniskillen Campus since the early 1990s. The combination of excellent equestrian, teaching and residential facilities at the campus enables students to develop their practical and academic competencies in a pleasant environment.

The campus has been developed to provide an impressive range of indoor and outdoor facilities. There are stabling facilities for student livery horses, a horse walker, an indoor arena and a number of outdoor arenas.

The students receive excellent support from members of the local equine industry.



Level 3 in Equine Management

This Level 3 Advanced Technical Extended Diploma in Equine Management course provides excellent preparation for those wishing to pursue a career in the equine industry or progress on to higher education. The course is taught using the practical facilities at Enniskillen Campus.

Fact File:

Course duration:

Two years full-time including a five-week work placement

Course location:

Enniskillen Campus

Course Manager:

Shelley Stuart

Telephone:

028 6634 4633

Email:

Shelley.Stuart@daera-ni.gov.uk

Course content

The main areas of study are:

- Biological systems of horses
- Business management
- Competition grooming
- Equitation – flat and jumping
- Equine health
- Horse behaviour and welfare
- Stable and yard management
- Stud practices
- Young horse handling, training and backing
- Working with horses from the ground



Work placement

Students complete five weeks of approved work placement within the two years of the course. Typically students work in a range of yards depending on their area of interest, for example breeding, racing, eventing, show jumping and dressage.

Entry requirements

Normally four GCSE passes at Grade C, or equivalent, including English and Mathematics.

Riding is an optional module, those wishing to take part must be competent in horse riding to select this option. Please note there is a weight limit of 89kg (14st) for riding.

Applicants must also demonstrate that they have a minimum of 40 hours of experience in the equine industry, which can be acquired prior to leaving school.

Progression opportunities and career destinations

This course may provide an opportunity for students to progress on to the Equine Foundation Degree or Honours Degree programmes. Students are ideally suited to find employment of a practical nature in a wide range of equine businesses. Examples of careers include: managing own business, breaking and schooling horses and/or livery; work riders in racing yards; stud grooms; competition grooms and sales representatives.



Nadia Scanlon

I have been riding horses since I was six years old. I attended an open day at Enniskillen Campus and once I set foot on site I knew I definitely wanted to go there! I just loved the vibe and atmosphere and I was amazed by the facilities. The fact that I could keep my own horse on the Campus livery yard was also a big factor for me.

During my first year we had lots of amazing experiences. We went to Castle Leslie and got to ride through the forest and we also went to Bluegrass Horse Feeds, where we got to see the process involved in making a bag of feed. I also did my BHS Ride Safe award and got to take part in a BHS demonstration with my own horse Colby.

I really enjoy all parts of my course: it has been really good to get the chance to ride a range of different horses and I have learned loads both in the classroom and on the yard. I like that we spend a lot of time down on the yard and do lots of practical work. It doesn't feel like school or work because I enjoy it so much.

Level 2 in Equine Care

This Level 2 Technical Certificate in Equine Care offers young people the opportunity to develop a wide range of skills required for jobs within the equine sector. The course is taught using the practical facilities at Enniskillen Campus.

Fact File:

Course duration:

One year full-time, including a five-week work placement

Course location:

Enniskillen Campus

Course Manager:

Shelley Stuart

Telephone:

028 6634 4633

Email:

Shelley.Stuart@daera-ni.gov.uk

Course content

The main areas of study are:

- Equine health and welfare
- Feeding and watering
- Health and safety
- Horse handling and grooming
- Horse tack and equipment
- Introduction to lunging
- Riding and exercising horses
- Working in the equine industry

Students who have not attained a Grade C in English and Mathematics at GCSE or equivalent have to complete Essential Skills in Communication and Application of Number.

Work placement

A minimum of five-weeks approved work placement is an integral part of this course. Students are encouraged to find work in their area of interest such as breeding, racing, competition yards or riding schools.

Entry requirements

Applicants must normally have obtained at least two GCSE Grade Cs or three Grade Ds, including English and Mathematics (or equivalent Essential Skills qualifications in Communication and Application of Number).

Applicants should also normally have completed 40 hours of relevant work experience before starting the course.

Where courses are oversubscribed, entry criteria may be enhanced in line with the College's Admissions Policy.

Basic skills in horse riding are essential for those wishing to undertake the riding module. Please note, there is a weight limit of 89 kg (14 stone).

Progression opportunities and career destinations

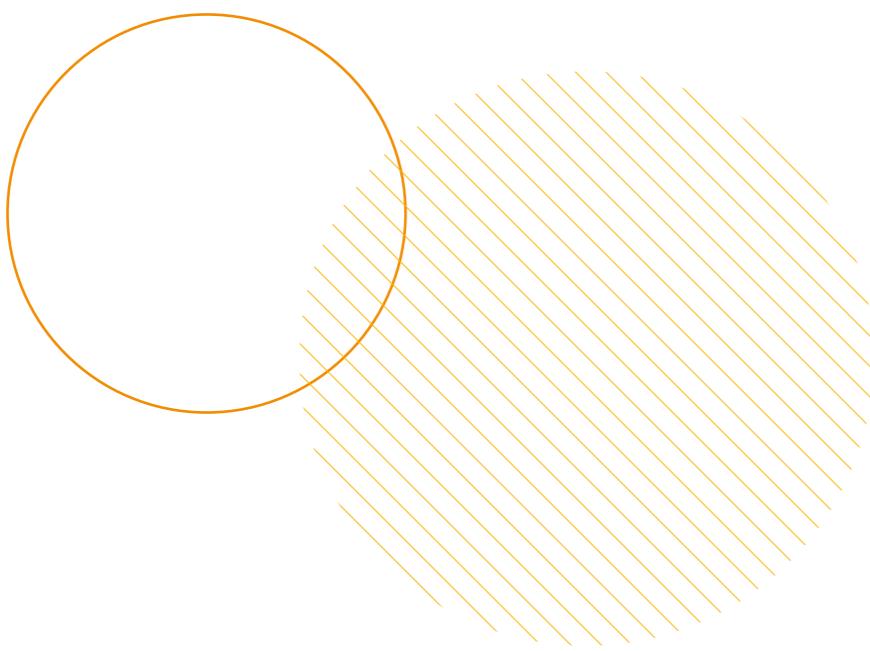
This course may provide an opportunity for students to progress on to the Level 3 Advanced Technical Extended Diploma in Horse Management. Students are well positioned to find employment in a diverse range of sectors within the equine industry including: racing, show jumping, eventing, dressage and showing, riding schools, livery yards and studs.



Shauna Harte

The practical skills I have learnt at CAFRE have really boosted my confidence and enabled me to get a job. We have industry standard facilities available at the campus which include a solarium, indoor arena, student livery yard and outdoor arenas as well as several outdoor turnouts for the horses which really attracted me to studying at CAFRE.

I feel my time at CAFRE provided me with key skills, knowledge and most importantly a good attitude to work in the equine industry. As part of the programme I undertook a five week work placement as a competition groom with McFadden Equine near Omagh. I really enjoyed this and got the opportunity to put into practice everything I have learnt at college.



Farrier Upskilling Programme

The Farrier Upskilling programme at Enniskillen Campus is designed for those already working in the industry and seeking to achieve the Worshipful Company of Farriers Diploma Award (DipWCF).

Fact File:

Course duration:

Two days per month for approximately two years

Course location:

Enniskillen Campus

Course Manager:

Catherine Crowley

Telephone:

028 6634 4601

Email:

Catherine.Crowley@daera-ni.gov.uk

Course content

The course covers the principles of equine anatomy, physiology, conformation, dynamics and movement, injuries and ailments/diseases affecting the foot and limb and the fundamentals of farriery.

Practical skills include making different types of shoes from steel stock, using coke and gas forges.

As part of the final assessment, students are required to produce a portfolio of handmade horseshoes for the Worshipful Company of Farriers (DipWCF) examination.

Work placement

Suitable for farriers already practicing in the industry, with two years of verifiable experience.

Entry requirements

Applicants must have written confirmation, from at least two independent sources, one of which must be a farrier, confirming that they have been employed regularly and gainfully as a registered or unregistered farrier for a period of at least two years. Further guidance can be obtained from the Course Manager.

Progression opportunities and career destinations

Through the course farriers have the opportunity to gain a recognised qualification and from there they can apply to the Farriers Registration Council to become registered.



David Verdon

I completed the BSc (Hons) in Equine Management at Enniskillen Campus. With my interest in farriery gained an apprenticeship with Paul Duddy (AWCF) who helped me develop my skills. I joined the Farrier Upskilling course to not only become the best farrier I could be, but to gain a world renowned qualification that will enable me to work internationally. I have farrier friends who are working abroad earning an extremely good living. I am interested in working in Australia as I know it holds great opportunities. I realise the importance of having a professional qualification as it not only lets clients know I am correctly trained but also that I have put time and effort into developing and honing my skills. The theory behind Farriery is extensive from balancing a foot and recognising ailments to understanding what remedial work is correct for each condition. It's so important to know the anatomy and physiology of the hoof and leg and the impact shoeing has on it.

03

Floristry courses



Level 3 Advanced Technical Diploma in Floristry

Level 2 Technical Certificate in Floristry



Industry insights



Greenmount florists have an amazing track record of examination and competition success.

Floristry offers a career in a fascinating and dynamic profession which combines creativity and technical ability with business skills.

CAFRE offers the only nationally recognised full-time floristry course in Northern Ireland and has a well established reputation for training those wishing to enter or who are already employed in the floristry industry.

Greenmount florists have an amazing track record of examination and competition success. Many now manage successful flower shops and several have established new floristry businesses.

Eleven Greenmount floristry students have reached the UK finals of the Worldskills Floristry Competitions in recent years, including Intermediate Gold Medallist, Romaine Hodgen and Advanced Gold Medallists, Nigel Close and Heather Hume. Since 2009, twelve current students or graduates have also reached the finals of the prestigious British Florist Association Chelsea Young Florist and the Florsit of the Year Competitions, held annually at the RHS Chelsea Flower Show.

Career profile

I first became interested in floristry whilst working on Saturdays at a local florist shop. I completed my Level 2 with a Distinction and progressed on to the Level 3 course.

Studying at Greenmount has provided me with lots of highlights and opportunities I could have only dreamed of! I came first in the British Retail Florist Newcomer Competition, I demonstrated at the Skills Show in Birmingham and have been selected to compete for World Skills selection to represent the UK in Shanghai. As part of this process I will have lots of training and travel opportunities.

For young people who are thinking about taking part in WorldSkills UK Competitions I would tell them to do it. So much opportunity has come from it for me. Even if you make it through to the qualifiers and not the National Finals at least you are practising skills by competing!

I had a wonderful time at the college. I mastered new skills and continue to develop my style as a Florist. I am thankful for all the support and encouragement that the staff have provided. I believe anyone who loves to be creative, has a practical business mind and isn't afraid of hard work or thinking out of the box should look into a career in floristry. ☺



Clara Agnew

Floristry Career Prospects

Junior Florist

As a Junior Florist you will be responsible for conditioning flowers and foliages used in the shop and displaying them for sale. You will also assist in making up designs for a range of customers and occasions, help customers choose suitable designs and gifts, care for plants and help with shop displays and price marking. You will need good people skills and must be able to work as part of a team, especially when the pressure is on at peak sales periods. Creativity and a willingness to learn will help you move up the career ladder to a Florist post.

Florist

As a qualified Florist you will need extensive product knowledge and design skills to create designs suitable for gifts, weddings, corporate events and funerals. Every week you will need to guide customers who are experiencing the highs and lows of life and to do this effectively good communication and customer care skills are essential. With increasing competition from supermarkets, florists need to offer personalised designs at a range of price points and must ensure designs are profitable.

Senior Florist/ Shop Manager

A Senior Florist will have several years' experience of retail floristry and will have built up a high level of design skill. For many Senior Florists the best part of their job is in planning and creating designs for weddings and corporate events. Many people are first attracted to floristry as a career when they have seen the floral displays at a wedding or a stunning bridal bouquet. However, as a Senior Florist, you will probably also be responsible for the day-to-day running of the shop. This will include general administration, ensuring health and safety, contact with suppliers, stock control and ordering, staff training and management and dealing with (hopefully few) complaints.

For many florists the ultimate goal is to establish their own successful business and there are also opportunities as design demonstrators, floristry tutors, sales representatives and floristry judges.



Our Floristry facilities

The facilities at Greenmount Campus are unique in Northern Ireland for floristry education and training. The College has excellent purpose built teaching facilities including two floristry studios and a new plant studio within the Richardsons Walled Garden.

The studios have dedicated areas for cut flower identification and conditioning, refrigerated display storage, design demonstration and practice, retail display windows and a gift wrapping/customer service area. The new plant studio provides a great environment to develop indoor plant identification and care skills.

A range of summer cut flower and foliage crops are grown for development and demonstration to growers and florists at the College's Horticulture Centre. Floristry students are therefore in the unique position to see at first hand how cut flower, foliage and pot plant crops are produced using modern production methods. In addition, eighteen hectares of amenity grounds at the College provide excellent opportunities to gain plant knowledge.

The plant studio provides a great environment to develop indoor plant identification and care skills.



Level 3 in Floristry

This is a practical work-related City & Guilds Level 3 Advanced Technical Diploma in Floristry course. It is designed to develop the skills of those working in the floristry industry. Applicants should have achieved a Level 2 Technical Certificate in Floristry or equivalent.

Fact File:

Course duration:
One year full-time

Course location:
Greenmount Campus

Course Manager:
Lori Hartman

Telephone:
028 9442 6992

Email:
Lori.Hartman@daera-ni.gov.uk

Course content

The main areas of study are:

- Business management for floristry
- Creative design process for florists
- Design and evaluation: arrangements, tied, sympathy and wedding
- Flower and plant care
- Trends and event floristry
- Working in the floristry industry



Entry requirements

All applicants must be currently employed in a florist shop two days a week.

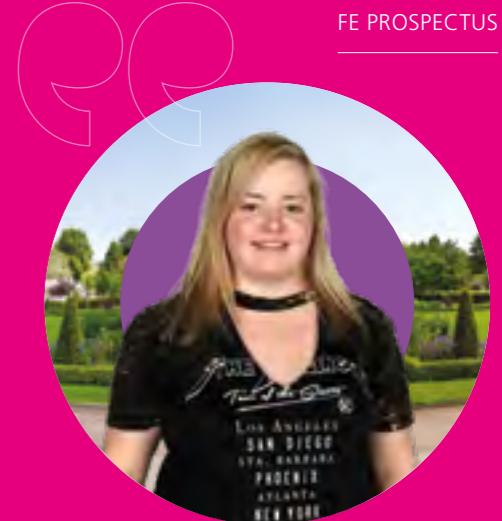
Normally four GCSE Grade Cs or equivalent including English and Mathematics with at least one year's full-time employment with a florist shop.

or

Level 2 Technical Certificate in Floristry, at Merit level or above and GCSE Grade C in English and Mathematics or equivalent.

Progression opportunities and career destinations

The course aims to develop the skills of those working in the floristry industry. On completion of the programme students may continue in employment and progress to posts as senior florists, managers or freelance designers. There are excellent career prospects for trained florists both locally and abroad.



Victoria Brennan

Being the daughter of a florist it's not surprising that I came to love all things floral early in life. I really enjoy working with flowers so studying a course in floristry was the obvious choice for me.

While completing my Level 2 course I was entered into and won the NI heat of the RHS Young Chelsea Florist competition and went on to compete at the Final at the Chelsea Flower Show. It was a tough competition and I was delighted to be awarded with a Silver Gilt medal for my creation of a floral crown.

The courses at Greenmount offer students fantastic opportunities to inspire and motivate you.

I would encourage anyone interested in design to come and visit the campus to see the facilities on offer and the chances you have to make your own mark in the world of floral art.

Level 2 in Floristry

This City & Guilds Level 2 Technical Certificate in Floristry programme is a practical, work-related course designed to give students a broad understanding and appreciation of the floristry industry. This programme aims to develop and support the floristry industry and is not a leisure course.

Fact File:

Course duration:
One year full-time

Course location:
Greenmount Campus

Course Manager:
Lori Hartman

Telephone:
028 9442 6992

Email:
Lori.Hartman@daera-ni.gov.uk

Course content

The main areas of study are:

- Caring for floristry products
- Creating floristry design
- Customer service
- Design principles
- Health and safety
- Working in floristry

Students who have not attained a Grade C in English and Mathematics at GCSE or equivalent have to complete Essential Skills in Communication and Application of Number.



Entry requirements

Applicants must normally have obtained at least two GCSE Grade Cs or three Grade Ds, including English and Mathematics (or equivalent Essential Skills qualifications in Communication and Application of Number).

Where courses are oversubscribed, entry criteria may be enhanced in line with the College's Admissions Policy.

Students must also complete a minimum of 40 hours work placement with a retail florist before starting the course and have arranged a work placement for one day per week during term-time

Progression opportunities and career destinations

This course may provide students with an opportunity to progress on to the City & Guilds Level 3 Advanced Technical Diploma in Floristry. The course aims to prepare students for employment as skilled florists within the floristry industry. There are excellent career prospects for trained florists both in the UK and abroad.



Zara Preston

Whilst at school I had a Saturday job in Floral Temptations, Omagh and really loved the work. After I completed my GCSEs I applied to Greenmount to study on the Level 2 course and I loved it. After graduating in 2019, I decided to take a year to work full-time in Floral Temptations to build up my skills, confidence and experience. I have now returned to CAFE to complete the Level 3 course.

Floristry offers creative careers with a job where two days are never the same. I love my work and look forward to making my way in the industry and who knows I might even start up my own business.

04

Food courses



Level 3 Extended Diploma in Food Technology and Nutrition

Level 3 Extended Diploma in Food Technology and Science

Courses in this chapter are subject to validation



Industry insights



It is a dynamic industry which is constantly changing to meet consumer demands by adopting technological innovations.

The food and drink industry is one of the largest employers in the UK. It is a buoyant and progressive sector and requires a pool of skilled personnel to ensure a consistent supply of safe, high quality products.

The food and drink industry is a highly competitive and dynamic sector that is constantly changing to meet consumer demands and adopt new and innovative technologies.

As the world population increases, the industry is being challenged with new ways to produce and package foods. As a result there is a great demand for qualified people to work in a wide range of positions in food businesses.

Career profile

QQ I applied to study at Loughry Campus after my GSCSEs and completed the National Diploma in Food Science and Manufacturing Technology.

After graduating from the Level 3 course I progressed on to studying for a BSc (Hons) Degree in Food Business Management at Loughry Campus. During the Ulster University validated degree course I completed my one year industrial placement with local company Big Pot Company Ltd.

Studying at Loughry offers you great opportunities to engage with potential employers. During the final year of my degree I attended the College's Agri-Food careers fair and got the chance to meet many employers. I completed my Degree in June 2020 and secured a place on the Foyle Food Group Graduate Management programme. Studying at CAFRE proved a great option for me. 99



Jonathan Wilkinson

Food career prospects

The career opportunities described are designed to give you an overview of some of the key roles within the food and drink industry. Loughry graduates are employed across a wide range of roles and many hold positions of responsibility in food businesses.

The level at which graduates enter the food industry will depend on their qualifications and experience.

For more information on food careers visit: www.tastycareers.org.uk

Product development technologists

Product development technologists design and develop new and innovative food and drink products and work to improve and extend existing ranges of food.

Production supervisors

Production supervisors are responsible for the day-to-day activities of manufacturing departments. They lead teams of production staff and schedule manufacturing activities to ensure orders are met at the required time.

Quality assurance technicians

Quality assurance technicians are responsible for ensuring the safety and quality of food by monitoring and controlling the manufacturing process.

Laboratory analysts

Laboratory analysts contribute to the safety and quality assurance of the food leaving the manufacturer by conducting quality tests and checks such as microbiological and chemical analysis.



Our Food facilities

Loughry Campus has excellent teaching facilities to support its food education programmes. These include a specialist Food Technology Centre, Food Innovation Centre, Food Packaging Centre and science teaching laboratories.

Food Technology Centre

The centre incorporates four food processing areas; meat, bakery, fruit and vegetables and dairy and is designed to demonstrate best practice in food manufacture. This unique facility is equipped with an extensive range of modern pilot and industrial scale food processing and product development facilities to ensure that Loughry students acquire the competencies and skills needed by the food industry. Small-scale processing equipment allows the demonstration of computerised control systems used in food manufacturing.

Science laboratories

Loughry's laboratories are equipped with advanced scientific equipment which enables students to carry out microbiological, chemical and physical analysis of food ingredients and products. The latest technologies in food analysis are continuously being reviewed, thus enabling students to gain valuable knowledge and experience relevant to careers in the industry.

Food Packaging Centre

The Food Packaging Centre is a unique and well equipped facility used to evaluate packaging materials and complete packs. As food companies strive to meet consumer expectations through innovative packaging, Loughry Campus graduates are in a prime position to make a significant impact on the industry having worked in the centre.

Food Innovation Centre

The Food Innovation Centre provides students space to create and develop new food and drink products through enhanced kitchen, sensory, laboratory and packaging design facilities.

Create and develop new food products through enhanced sensory and laboratory facilities.



Level 3 Extended Diploma in Food Technology and Science*

This course prepares students for employment or progression on to higher-level courses. On completion of the course students receive a Level 3 Extended Diploma in Food Technology and Science.

Fact File:

Course duration:

Two years full-time including work placement

Course location:

Loughry Campus

Course Manager:

Nicola Kerr

Telephone:

028 8676 8286

Email:

Nicola.Kerr@daera-ni.gov.uk

Course content

- Bakery products manufacture
- Dairy science and technology
- Food factory and environmental design
- Food chemistry
- Food legislation and labelling
- Food microbiology
- Food product development
- Food safety and HACCP
- Fresh produce technology
- Fundamentals of food packaging
- Introduction to food manufacture
- Introduction to nutrition
- Introductory science
- Managing manufacturing information
- Meat technology
- Operational management
- Quality systems and auditing
- Role of a Food Technologist
- Sensory analysis

Work placement

Students will complete a twelve week work placement in a food business between year one and year two of the course.

Entry requirements

Normally four GCSE passes at Grade C, or equivalent, including English, Mathematics and Science.

Progression opportunities and career destinations

This course may provide students with the opportunity to progress on to appropriate Foundation or Honours Degree programmes. It has been designed to meet the growing need of the food and drink industry for qualified people to fill key supervisory roles including production management, quality assurance and product development.



Joshua Thompson

With my interest in working in the food industry I choose to study at CAFRE because I knew it would help me to develop my employability skills. We have the opportunity to get hands on experience through regular practical classes in the Food Technology Centre, science laboratories, product development kitchens and sensory suite. I know that all the units I am studying on the course are exactly what food industry employers are looking for in food graduates. I am thoroughly enjoying my time studying at Loughry Campus.

*subject to validation

Level 3 Extended Diploma in Food Technology and Nutrition*

This course prepares students for employment or progression on to higher-level courses. On completion of the course students receive a Level 3 Extended Diploma in Food Technology and Nutrition

Fact File:

Course duration:

Two years full-time including work placement

Course location:

Loughry Campus

Course Manager:

Nicola Kerr

Telephone:

028 8676 8286

Email:

Nicola.Kerr@daera-ni.gov.uk

Course content

- Food and nutrition
- Food chemistry
- Food consumer studies
- Food legislation and labelling
- Food microbiology
- Food product development
- Food safety and HACCP
- Fundamentals of food packaging
- Health promotion
- Human bio-physiology
- Introduction to food manufacture
- Introduction to nutrition
- Introductory science
- Managing manufacturing information
- Nutrition for performance
- Operational management
- Quality systems and auditing
- Role of a Food Technologist
- Sensory analysis

Work Placement

Students will complete a twelve week work placement in a food business between year one and year two of the course.

Entry requirements

Normally four GCSE passes at Grade C, or equivalent, including English, Mathematics and Science.

Progression opportunities and career destinations

This course may provide students with the opportunity to progress on to appropriate Foundation or Honours Degree programmes. It has been designed to meet the needs of industry and prepare students for careers at supervisory level in the food related industries. A range of jobs is available including; quality controllers, laboratory technicians and product development technologists.



*subject to validation



Caitlin Walker

I made the decision to study at CAFRE on the Level 3 programme when I completed my GCSEs after hearing about the course from family and friends. I have a strong interest in how food is made along with its nutritional make-up. When I attended an Open Day at the college I knew this qualification was the right choice for me. I am really enjoying the course and like how it's continually assessed. The lecturers make our classes interactive and fun. I hope to remain at CAFRE and progress on to study for the Ulster University Honours Degree in Food Innovation and Nutrition when I complete my course.

05

Horticulture courses



Level 3 Advanced Technical Extended Diploma in Horticulture

Level 2 Diploma in Practical Horticulture Skills

Level 2 Diploma in Work-based Horticulture
(Parks, Gardens and Green Spaces)

Level 2 Diploma in Work-based Horticulture
(Sports Turf-Greenkeeper) including Greenkeeping Cadetship



Industry insights



Horticulturists are at the forefront of the world in which we live, work and play.

Horticulture impacts on many aspects of our lives and provides fascinating job opportunities in a wide variety of work activities. There is scientific evidence that we work and feel better in pleasant planted surroundings with trees and other plants having a positive effect on health, both indoors and outdoors.

Horticulturalists play a major role in all areas concerned with designing, creating, managing and maintaining our environment.

As designers and managers of urban and rural landscapes, horticulturalists are at the forefront of the world in which we live, work and play.

Career profile

QQ I always had an interest in growing plants so studying Horticulture at Greenmount was an obvious choice for me. I achieved the one year Level 2 Diploma in Horticulture with Distinction in 2016 and this gave me a good grounding in many different aspects of horticulture.

I was offered full-time employment when I finished the Level 2 course but I decided to continue my studies on the Level 3 in Horticulture.

While at Greenmount I've had the opportunity to compete in the EurosSkills Landscape Gardening competition. During this selection process I was involved in building show gardens at competition events in England. I was delighted to be selected for the two person UK Landscaping Team which involved me undertaking an intensive, tailor made training programme. I competed in the Budapest EurosSkills competition in September 2018.



**Shea
McFerran**

Horticulture career prospects

Many of our Level 2 students go straight into employment after one year's training in horticulture, while some progress to study for the Level 3 qualifications. Our courses include a period of work placement in a sector of your choice so you get a great opportunity to see if it's right for you. After completing your qualification you may develop your career in horticulture in some of the following ways.

Horticultural worker/Gardener/Garden Supervisor/Head Gardener

This type of work involves preparing and maintaining areas of planting, mowing and maintaining turf areas, pruning plants and trimming hedges. There are opportunities with local authorities, historic public gardens and private properties. Some gardeners specialise in nursery work and may also need to be skilled in estate maintenance. You need to develop a good knowledge of botanical plant names and know what conditions will suit particular plants best. You will also need to enjoy working outdoors, in all types of weather, and like the challenge of hands on activity. In a more senior post you may also be responsible for conserving valuable plant collections, supervising staff, organising garden events, managing budgets, garden development and dealing with the public.

Grounds person/Senior Grounds person

Groundsmen/women prepare and maintain natural and synthetic sports surfaces. Their work involves all the activities that ensure the best possible playing surfaces, whether this is for football, rugby, Gaelic games, tennis, or bowling. As a grounds person you will use a wide range of machinery and equipment to mark out pitches, apply fertilisers and maintain the condition of playing surfaces. You need to be able to work well on your own and as part of a team to ensure high quality standards and tight deadlines are met. In a more senior post you will be responsible for managing staff, ordering equipment and planning future developments on your sites.

Garden Centre Assistant /Supervisor/Manager

If you have a good plant and product knowledge and enjoy working with the public this could be the career for you. As a garden centre assistant you will be responsible for the care and presentation of a wide range of plants and garden sundries. You will need to be able to provide good advice to customers and develop your sales technique. More senior posts will also involve ordering and stock control, planning promotions, recruiting and managing staff and possibly organising catering facilities.

Greenkeeper/Head Greenkeeper

Northern Ireland is internationally recognised as a premier location for golf courses, and CAFRE has supported this achievement over the years by helping to train the people responsible for looking after these golf courses.

CAFRE Level 2 greenkeepers and grounds persons are trained to safely operate the range of machinery in common use on golf courses and sports grounds throughout Northern Ireland. As a CAFRE trained greenkeeper, you will be able to care for, and present turf surfaces for golf, ranging from tees and greens, to fairways and roughs. This involves managing the feeding and irrigation as well as pest and disease control, alongside the maintenance of the playing surface itself so that the sport can be played at the highest competitive level. CAFRE Level 3 sports turf students have taken this training one step further and are able to supervise the maintenance of sports turf, including making decisions on treatment regimes, machinery management and construction.

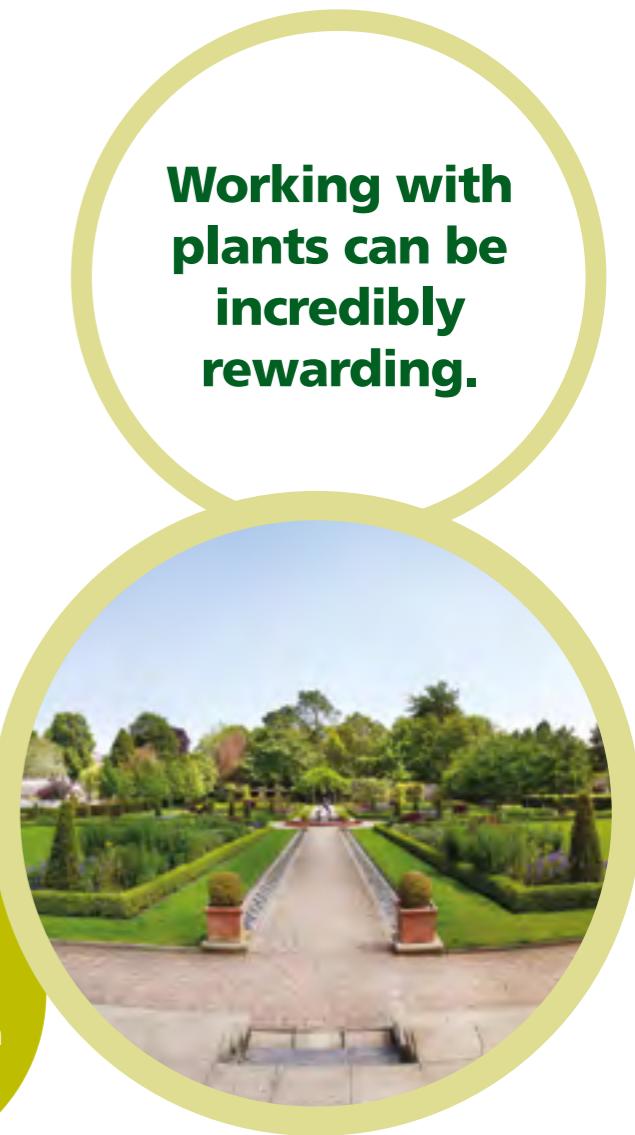
Landscape worker/contractor

CAFRE trained landscapers and contractors are trained at Level 2 to safely use a range of machinery for the landscape sector. Skilled people working in these areas are able to read from landscape plans and set out and construct gardens and landscaped areas, as well as looking after the plants, shrubs and trees in the gardens afterwards.

At Level 3, CAFRE trained landscapers are able to plan and design gardens, as well as supervising the work of building and maintaining landscaped areas and gardens for customers.

Working with plants can be incredibly rewarding.

95%
of students go on to work or study.



Our horticulture facilities

Greenmount is a well established centre for horticulture education and has delivered full-time courses in horticulture since 1924.

The Campus is set in 18 hectares of landscaped grounds originally laid out in the 19th century. They are now planted with an extensive range of trees and shrubs with many interesting landscape features. The Richardsons Walled Garden was redeveloped to celebrate the millennium. It is of a formal design and includes pleached limes, a maze, water feature, knot gardens and a range of mixed and herbaceous planting.

The Campus also features sports turf areas for student learning, including the Greenkeeping and Golf Academy as well as high specification sports pitches. The Greenkeeping and Golf Academy, supported by the Golfing Union of Ireland (Ulster Branch), has three full playing holes, a short game practice area, a putting green and a unique contoured driving range facility. The Machinery and Building Centre offers an area for undertaking skills training in machinery maintenance. There is also an extensive hard landscaping skills area adjacent to the Walled Garden.

Students also use the well resourced Horticulture Centre to study an Integrated Crop Management approach to the production of nursery stock and protected ornamental crops and cut flowers.

A new Training Centre provides excellent facilities for the demonstration and practice of innovative production methods.



Students study a range of horticulture production techniques in the well-resourced Horticulture Centre.



Level 3 in Horticulture

This City & Guilds Level 3 Advanced Technical Extended Diploma in Horticulture is a two year full-time course. It incorporates an industry placement and offers students both the practical experience and the theory required for a wide variety of careers in horticulture.

Fact File:

Course duration:

Two years

Course location:

Greenmount Campus

Course Manager:

Lori Hartman

Telephone:

028 9442 6992

Email:

Lori.Hartman@daera-ni.gov.uk

Course content

Students complete 19 units over two years including a work placement in a sector of their choice between the first and second year of the course.

The main areas of study are:

- Business management
- Construction of hard landscape features
- Horticultural machinery operations
- Horticultural science
- Landscape maintenance
- Plant health and protection
- Plant identification and selection
- Protected cropping
- Turf management

Learners develop technical and general employment skills when on work placement. Typical placements include; working for council parks departments, golf clubs, nurseries, garden centres, private gardens/estates and landscaping companies.

Students are provided with career planning guidance in preparation for their industry experience. Students are responsible for finding their own placement, which must be approved by CAFRE.

Entry requirements

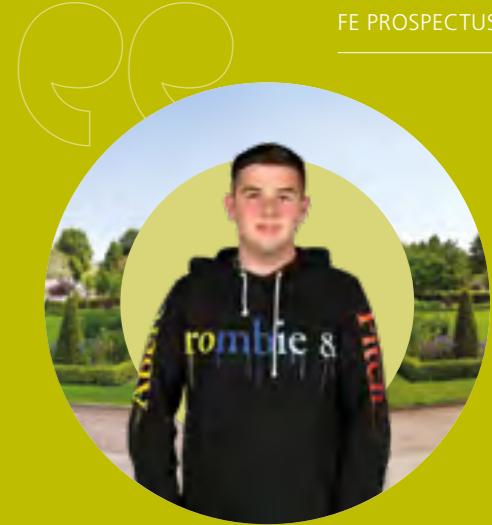
Normally four GCSE passes at Grade C, or equivalent, including English and Mathematics.

or

Level 2 Diploma in Practical Horticulture Skills or an equivalent qualification and normally GCSE Grade C in English and Mathematics or equivalent are required.

Progression opportunities and career destinations

This course may provide students with an opportunity to progress on to Foundation and Degree in Horticulture programmes. Students can follow careers with garden centres, nurseries, golf courses, landscape companies and local councils in a wide range of jobs. Other options include horticulture therapy, education and training or self employment.



Dean Scott

I developed an interest in gardening when I took over maintenance duties at home further developing our vegetable plot and greenhouse planting.

I started studying at Greenmount on the Level 2. It was a great course giving an introduction to horticulture. The course offered a balance of theory and practical teaching. I particularly enjoyed being able to use the machinery. I completed the Level 2 course and have now progressed on to the Level 3 so that I can one day have the correct skills and qualifications to start my own business.

I live on campus. The college offers lots of clubs for you to join. Living onsite also provides easy access to resources for the completion of coursework. If you enjoy hands-on learning this is the right course for you.

Level 2 in Horticulture

This City & Guilds Level 2 Diploma in Practical Horticulture Skills is studied over one year full-time. The course provides students with a wide range of basic skills in horticulture. Students are taught mainly through practical based tuition in the ornamental gardens, woodlands, glasshouses and sports turf areas on campus. Working on the campus grounds is an essential part of the programme.

Fact File:

Course duration:
One year (3 days/week)

Course location:
Greenmount Campus

Course Manager:
Lori Hartman

Telephone:
028 9442 6992

Email:
Lori.Hartman@daera-ni.gov.uk

Course content

The main skills areas are:

- Hard and soft landscaping skills
- Identification and selection of plants
- Plant production techniques
- Turf maintenance

Students who have not attained a Grade C in English and Mathematics at GCSE or equivalent have to complete Essential Skills in Communication and Application of Number.

Entry requirements

Applicants must normally have obtained at least two GCSE Grade Cs or three Grade Ds, including English and Mathematics (or equivalent Essential Skills qualifications in Communication and Application of Number).

Applicants should also normally have completed 40 hours of relevant work experience before starting the course.

Where courses are oversubscribed, entry criteria may be enhanced in line with the College's Admissions Policy.

Progression opportunities and career destinations

This course may provide students with an opportunity to progress on to the City & Guilds Level 3 Advanced Technical Extended Diploma in Horticulture. Students can follow career paths in landscape, sports turf, nursery and retail sectors.



Adam Baldrick

I heard family members speak highly about studying at Greenmount, so I decided to look into the courses on offer. I didn't want a school-based course, I wanted to learn by doing.

The Level 2 is perfect for me. I was already helping out at home repairing fences, paving and caring for turf so I knew being outdoors was something I enjoyed.

Greenmount has fantastic grounds and it's great being able to take our classes into the outside spaces and learn. Horticulture offers so many different pathways, I say come along and visit the campus, you will certainly be impressed by the facilities it offers.

Level 2 Diploma in Work-based Horticulture

(Parks, Gardens and Green Spaces)

This City & Guilds Level 2 Diploma provides valuable work-based training for those working in the amenity horticulture sector. It is primarily designed for those who are already working in parks maintenance or delivering professional landscape maintenance services. This course can also be studied through the Apprenticeship work-based training programme if you are between 16 and 24 years old. Please refer to our website for further information.

Fact File:

Course duration:

Approximately two years

Course location:

Based in the workplace with 'off-the-job' directed training and assessment at Greenmount Campus

Course Manager:

Paul Campbell

Telephone:

028 9442 6870

Email:

Paul.Campbell@daera-ni.gov.uk

Course content

The main areas of study are:

- Clearing horticultural and landscaping sites
- Control of pests, diseases and disorders
- Effective working relationships
- Health and safety
- Maintenance of amenity turf
- Personal development
- Plant identification
- Pruning
- Site preparation, seeding and planting
- Use of tools and equipment

Students attend college one day per week from late September for 12-18 months to develop their knowledge, understanding and competence levels. Candidates must develop their skills in the workplace, gather supportive evidence for assessment of practical skills and complete a personal online portfolio.

Entry requirements

Applicants must be working in a relevant job within the amenity horticulture sector for at least 21 hours per week and should normally have two GCSE Grade Cs or three Grade Ds, or equivalent, including English and Mathematics.

Students enrolled on the Apprenticeship who have not attained a Grade C or above in English and Mathematics at GCSE or equivalent will complete Essential Skills qualifications in Numeracy and Literacy as part of their programme of study.

Those eligible for the Apprenticeship Scheme will be required to undertake the programme as an Apprentice.

Progression opportunities and career destinations

This course may provide students with an opportunity to progress on to Level 3 Horticulture programmes. The Level 2 qualification produces skilled operatives who can quickly become team leaders within the grounds care and amenity horticulture sectors. This qualification may allow students to obtain better rates of pay, permanent positions or alternative job roles within the industry.



Darren Fox

I really enjoy the day release format of the Level 2 course as it enables me to develop my skills set in the college environment while continuing to earn and practice in my job with the landscape maintenance company, Wallace Contracts.

I use the skills developed daily, particularly in the area of hard landscaping. The instructors provide useful tips and guidance to help me tackle tasks more effectively and safely when I'm on the job.

The grounds, facilities and equipment at Greenmount Campus are always cutting edge. The library and online resources mean information you need is readily accessible and I can complete assessment tasks off campus.

Level 2 Diploma in Work-based Horticulture

(Sports Turf-Greenkeeper)

This City & Guilds Level 2 Diploma provides valuable work-based training for those already working in the sports turf sector. It is primarily designed for those who are already working as trainee and assistant greenkeepers or grounds persons. This course can also be studied through the Apprenticeship work-based training programme if you are between 16 and 24 years old.

Please refer to our website for further information.

Fact File:

Course duration:

Approximately two years

Course location:

Based in the workplace with 'off-the-job' directed training and assessment at Greenmount Campus

Course Manager:

Paul Campbell

Telephone:

028 9442 6870

Email:

Paul.Campbell@daera-ni.gov.uk

Course content

The main areas of study are:

- Effective working relationships
- Health and safety
- Maintain the health and condition of sports turf surfaces
- Personal development
- Repair of sports turf surfaces
- Site preparation, seeding and planting
- Tractor operation
- Use of machinery and equipment

Students attend college one day per week from late September for 12-18 months to develop their knowledge, understanding and competence levels. Candidates must develop their skills in the workplace, gather supportive evidence for assessment of practical skills and complete a personal online portfolio.

Entry requirements

Applicants must be working in a relevant job within the sports turf sector for at least 21 hours per week and should normally have two GCSE Grade Cs or three Grade Ds, or equivalent, including English and Mathematics.

Students enrolled on the Apprenticeship who have not attained a Grade C or above in English and Mathematics at GCSE or equivalent, will complete Essential Skills qualifications in Numeracy and Literacy as part of their programme of study.

Those eligible for the Apprenticeship Scheme will be required to undertake the programme as an Apprentice.

Progression opportunities and career destinations

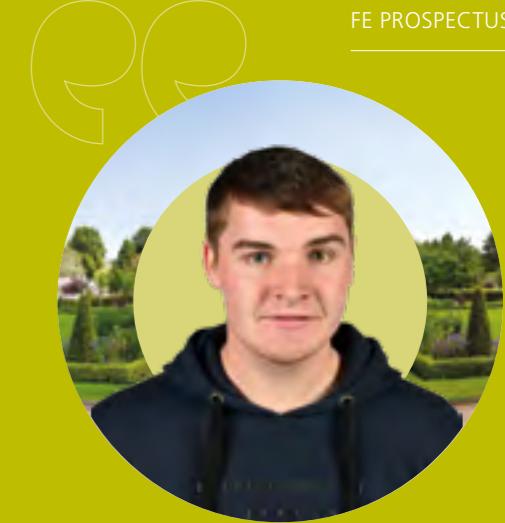
This course may provide students with an opportunity to progress on to Level 3 Horticulture programmes. The Level 2 qualification produces skilled operatives who can quickly become key workers within the grounds care and sportsturf sectors.

Greenkeeping Cadetship Programme

CAFRE, in association with the Golfing Union of Ireland (GUI) Ulster Branch, offers a Greenkeeping Cadetship programme.

The programme is aimed at people aged 18-24 who have a keen interest in developing a career in greenkeeping. The GUI supports two or three greenkeeping students per year with a generous financial bursary. Cadets are selected on the basis of competitive interview by a panel of GUI and CAFRE representatives. The Cadetship programme runs from early September to the following May each year.

Applicants must have relevant practical experience, a minimum of four GCSEs at Grade C or equivalent including Mathematics and English and a keen interest in the game of golf. Successful candidates complete the City & Guilds Level 2 Diploma in Work-based Horticulture (Sports Turf- Greenkeeper) programme and gain practical experience while working on the sports turf areas and campus grounds.



Adam Morrison

The cadetship programme has provided me with a fast track opportunity to enter the sector with the right qualification. Working within the Golf and Greenkeeping Academy I have gained invaluable instruction and training at a prestige venue. The greenkeeping tutors and instructors have years of experience in subject areas ranging from turf machinery through to tournament presentation of the golf course. The generous bursary support from the Golfing Union of Ireland takes away any financial pressure and leaves me to concentrate on learning the trade.

06

Land-Based Engineering course

Level 3 Advanced Technical Diploma
in Land-based Engineering



Industry insights



**High value
of machinery,
good career
opportunities
exist in
this sector.**

All those familiar with modern agriculture will appreciate the crucial role that machinery plays in this industry.

As machinery becomes more complex, more and more people with specialist technical training are needed to service, maintain and repair this equipment.

Given the complexity and high value of machinery, good career opportunities exist in this sector.

There are progression opportunities for those wishing to further their studies.

Career profile

QQ I completed my Level 3 Advanced Technical Extended Diploma in Land-based Engineering at Greenmount Campus in June 2019. The course offers a great balance of hands on learning and classroom teaching. The practical facilities offered at the college attracted me to study at Greenmount.

The Machinery and Buildings Centre offers unlimited opportunities to really get our hands dirty applying the theory of mechanical agricultural engineering in the workshops working on the college's extensive range of equipment and machinery.

I found the course very interesting and enjoyable, particularly the modules on engines, hydraulics and electrics. I have used the knowledge gained from studying at Greenmount to restore a Massey Ferguson 135 and work at the family business in Letterkenny

During the course I had the opportunity to undertake my work related experience in a Massey Ferguson agricultural machinery dealership where I worked in the workshop and stores. My placement helped me develop my understanding of agricultural machinery.

I qualified with excellent grades from the Land-based Engineering course and have used this to further my education. I am currently undertaking a Bachelor of Science in Agricultural Mechanisation which I hope to use in my home business in the years to come. QQ



David Mortimer

Land-based Engineering

career prospects

Working in this sector is not always easy; hours can be long and sometimes work needs to be done outdoors in difficult conditions. Work is challenging and varied and most of those in the industry derive a high level of satisfaction from their work.

Service technician or engineer

The work involves the service and repair of agricultural machinery, both in the workshop and in the field. More often than not, diagnosis of faults on modern equipment involves the use of diagnostic tools and IT equipment. There is strong demand for technicians and service engineers with skills in this area.

Product support personnel

Many students completing the course have an interest in tractor and agricultural machinery sales. A number of past students are currently employed in these roles. Similarly, there are openings for those who wish to work in product support and related technical roles. The course provides a useful foundation for someone embarking on a machinery sales or product support role.



There is strong demand for technicians and service engineers with skills in this area.



Land-based Engineering facilities

The Machinery and Buildings Centre (MBC) was specifically designed to accommodate all of the engineering training at Greenmount Campus. A range of workshops facilitates training in service engineering and related workshop skills.

Equipment

Greenmount Campus is well equipped in terms of hand tools, power tools and other workshop equipment. In addition, models, display rigs and testing equipment are available to demonstrate the underpinning principles of modern farm machinery.

The College enjoys excellent relationships with tractor and machinery manufacturers and suppliers.

The College enjoys excellent relationships with machinery and tractor manufacturers and suppliers.



Level 3 in Land-based Engineering

This City & Guilds Level 3 Advanced Technical Extended Diploma in Land-based Engineering course develops the underpinning knowledge and practical skills you will need to work as a service engineer in the land-based sector.

Fact File:

Course duration:

Two years

Course location:

Greenmount Campus

Course Manager:

Bernard McCloskey

Telephone:

028 9442 6856

Email:

Bernard.McCloskey@daera-ni.gov.uk

The content and activities within the course are mainly focused on the service, maintenance and repair of agricultural tractors and machinery. The course comprises classroom and workshop activities.

Course content

The main areas of study include:

Service engineering skills; servicing, fixing, repairing and overhauling engines, tractors and farm machinery.

Workshop skills; safe use of a wide range of workshop equipment.

Classroom activities; learning the theory that underpins engines, tractors and farm machinery.

Entry requirements

Applicants should have some prior knowledge and experience of a workshop (hand tools and power tools) and of tractors and farm machinery.

While there is no tractor driving on this course, prior experience of having operated tractors and machinery is needed (so that students understand the basic principles of machinery).

Normally four GCSE passes at Grade C, or equivalent, including English and Mathematics.

Applicants must also demonstrate that they have a minimum of 40 hours of experience in the service engineering industry, gained in a workshop environment, which can be acquired prior to leaving school.

or

A Level 2 Diploma in a relevant course achieved with Merit plus Grade Cs at GCSE (or above) in Mathematics and English (or equivalent qualifications).

or

Applicants who can demonstrate significant relevant industry experience. These applicants may be required to submit work-based evidence and undertake further assessments.

Entry requirements will be enhanced if the course is oversubscribed.

Progression opportunities and career destinations

This course may provide students with the opportunity to progress on to appropriate Foundation and Honours Degree courses. There is a range of employment opportunities for graduates in the land-based service engineering sector.



Matthew Jenkins

My family run an agricultural machinery contracting businesses in Keady primarily baling, hedge cutting and offering digger work. The business operates a wide range of tractors and machinery such as New Holland, Fendt, John Deere etc. As I grew up with the business, my interest in machinery grew with me and the natural progression was to go to college and develop my knowledge and skills. Greenmount has provided me with excellent experiences.

The course is interesting and well organised offering the chance to develop skills with theory learnt being practically applied. The engineering department has a wide range of equipment and machinery which we use for our training. The staff are very helpful and have a wide understanding of agricultural machinery.

07

Veterinary Nursing courses



Level 3 Diploma in Veterinary Nursing

Level 2 Certificate in Veterinary Care Support



Industry insights



Students develop their teamwork and interpersonal skills whilst studying at CAFRE.

Greenmount offers animal care courses designed to prepare students for careers in the animal care professions.

Our Level 2 and Level 3 courses provide the appropriate knowledge to complement the practical skills acquired while working in a veterinary practice. Students develop their teamwork and interpersonal skills whilst studying at CAFRE.

Career profile

“I completed the Level 2 Certificate for Animal Nursing Assistants in May 2019. I really enjoyed the one year course as it allowed me to work each week in a veterinary practice while attending college.”

After completing the Level 2 Certificate for Animal Nursing Assistants programme I progressed on to the Level 3 Diploma in Veterinary Nursing.

I wanted to work with animals for a long time so I focused my efforts on securing work in a practice to allow me to follow my career path in Veterinary Nursing.

I have had experience working in a veterinary practice for a few years and now currently training in Ashwood Veterinary Clinic, Dundonald. Working long hours and studying requires a lot of motivation and determination however the hardwork is paying off as I am on target to qualify in 2022. ☺



**Kathryn
Kincaid**

Our Veterinary Nursing facilities

Greenmount Campus provides an attractive learning environment for all students. Formal classes are taught in a specialist veterinary nursing classroom fitted with all the equipment necessary for small animal veterinary nursing, surgical nursing and diagnostic imaging.

The campus has a laboratory equipped with laboratory analysers, refractometers, microscopes, centrifuges and commercial test kits.

Students have access to the Greenmount Resource Centre with its extensive library, work rooms and study areas.

The campus also has excellent computer facilities for students with the most up to date online teaching materials available.



Level 3 Diploma in Veterinary Nursing

The VetSkill Level 3 Diploma in Veterinary Nursing (Companion Animal) course is designed for those working in practice to become a Registered Veterinary Nurse with the Royal College of Veterinary Surgeons (RCVS). Upon successful completion of the qualification students can complete their enrolment with the RCVS and practice as a Registered Veterinary Nurse (RVN). To apply to this course applicants must gain employment in a CAFRE approved training practice.

Fact File:

Course duration:

Two years approximately

Course location:

Greenmount Campus

Course Manager:

Siobhan Sheppard

Telephone:

028 9446 3683

Email:

Siobhan.Sheppard@daera-ni.gov.uk

How to apply:

Download an application form from: www.cafre.ac.uk Veterinary Nursing pages and once fully completed email to: greenmount.admissions@daera-ni.gov.uk

Course content

The course covers the cats, dogs, rabbits and guinea pigs.

Year 1

Diagnostic principles, Pharmacology and dispensary management, Practical veterinary nursing skills 1, Principles of veterinary nursing care 1, Professional veterinary nursing responsibilities

Year 2

Anaesthesia and theatre nursing skills, Life stage nursing care and support, Practical veterinary nursing skills 2, Principles of veterinary nursing care 2, Surgical nursing and patient care

Students will attend College up to a 2 ½ year period and aim to gain full RCVS registration within 27 months. During this time students will be required to attend Greenmount campus one day per week.

Modules are assessed through online multiple choice examinations, written assignments and an online e-portfolio of Clinical Skills. The final assessed component of the course is a clinical examination (OSCE), which is currently taken at an assessment centre in England.

Entry requirements

Applicants at the time of entry to the course must:

- Have at least five GCSE passes at Grade C or above including English Language, Mathematics and a Science subject.
- Be at least 16 years old on or before 1st July in the year in which they wish to enrol.
- Be employed in a CAFRE approved training practice. A list of current approved veterinary practices in Northern Ireland can be found on our website www.cafre.ac.uk

Normally applicants should also demonstrate that they have gained a minimum of three months or 400 hours experience of working in a veterinary practice before commencing the course. COVID-19 has impacted many Veterinary Practices so please refer to the website for our latest practical experience entry requirements.

Students will incur fees to cover registration and training. Fees are £1400 (Excluding the cost to travel to GB for final Clinical Examination).

Applicants will be allocated a place based on the points achieved at GCSE/Level 2 equivalents. If places are oversubscribed minimum entry criteria may be enhanced and date of application may be considered.

Progression opportunities

Embedded within this qualification is the content required for a Student Veterinary Nurse to become a Suitably Qualified Person (SQP) for Companion Animals. This course provides individuals with the opportunity to progress on to a Diploma in Advanced Veterinary Nursing.



Caoimhe Ferry

I began my journey towards becoming a Veterinary Nurse in 2018 when I started working in Spires Vet Clinic in Omagh. The practice owner gave me the opportunity to attend the Level 2 Certificate for Animal Nursing Assistants course at CAFRE. The course was packed full of information and I learned so much, reinforcing my desire to progress on to the Veterinary Nursing course.

The Head Nurse and other team members in practice have been very encouraging and supportive throughout my journey to studying on the Level 3 course, which has helped me a lot. The course is very intense, and a lot of information is covered from week to week. It is important to stay on top of the work each week. I am really enjoying it and look forward to becoming a Registered Veterinary Nurse and putting all my training to good use.

Level 2 Certificate in Veterinary Care Support

The aim of this Level 2 Certificate in Veterinary Care Support course is to equip individuals with the skills and knowledge required to support qualified veterinary staff and prepare them for a veterinary care supporting role.

Fact File:

Course duration:

One year

Course location:

Greenmount Campus

Course Manager:

Siobhan Sheppard

Telephone:

028 9446 3683

Email:

Siobhan.Sheppard@daera-ni.gov.uk

How to apply:

Download an application form from:

www.cafre.ac.uk Veterinary Nursing pages and once fully completed email to:
greenmount.admissions@daera-ni.gov.uk

Course content

The Veterinary Care Support course is delivered on a day-release basis over one academic year (September – June).

The course is delivered mainly at Greenmount Campus with some online elements.

Students must also complete a minimum of 600 hours experience in a veterinary practice (minimum of 18 hours per week) for the duration of the course.

Topics covered include:

- Animal environment and accommodation
- Animal health and welfare
- Introduction to animal anatomy and physiology
- Introduction to patient care
- Legislation and safe working practices
- Veterinary care support

Continuous assessment will be used through the submission of an online portfolio. The assessments will require students to demonstrate underpinning knowledge and practical application in the work placement.

Students who have not attained a Grade C or above in English and Mathematics at GCSE or equivalent qualifications, will be advised to complete Essential Skills in Numeracy and Literacy.

Entry requirements

Applicants at the time of entry to the course must:

- Aged over 16 years
- Normally have obtained at least two GCSE Grade Cs or three Grade Ds, including English and Mathematics (or equivalent Essential Skills qualifications in Communication and Application of Number).
- Where courses are oversubscribed, entry criteria may be enhanced in line with the College's Admissions Policy.
- Have secured a work placement for 600 hours for the duration of the course. These hours exclude breaks, holidays or sickness and must be undertaken to complete the course. The work experience provider must enable the student to experience the full range of activities in this qualification.

Students will incur fees to cover registration and training. Details of fees can be found on the course page of our website www.cafre.ac.uk

Progression opportunities and career destinations

Those who successfully complete the Veterinary Care Support course may progress on to the Level 3 Diploma in Veterinary Nursing (Companion Animals) qualification, subject to additional entry conditions being met.



Laura Hearst

After successfully completing the Level 2 course in 2020 I knew more of what to expect on the Level 3 course.

I have always wanted to work with animals and since completing work experience placements I knew I wanted to eventually become a Registered Veterinary Nurse.

With the support of my employers Garden Lodge Veterinary Clinic I have completed the Level 2 course and will train with the practice for the duration of the Level 3 course.

It has been great to be able to continue my studies at CAFRE, where faces and facilities are so familiar to me. I look forward to the rest of my time studying to become a Registered Veterinary Nurse.

Important and legal information

Terms and Conditions

As a condition of enrolment all students must abide by and submit to the rules and procedures specified in the College Regulations, Students' Charter and the Joining Instructions. A copy of the current rules, regulations and information for students will be issued to all prospective students at or before enrolment. The College will make all reasonable endeavours to deliver its courses in accordance with the descriptions set out in this prospectus. The courses offered are continually being improved through review and quality assurance processes by the College and Awarding Bodies. The College therefore reserves the right to make variations to the contents or methods of delivery of courses, if such actions are reasonably considered necessary by the College in the context of its wider provision.

Policy on Equal Opportunities

The College is fully committed to providing equality of opportunity. It is our policy to ensure that everyone associated with the College is treated equitably, regardless of religious belief, gender, whether or not they have a disability, race, political opinion, age, marital status, sexual orientation, or whether or not they have dependant(s). CAFRE welcomes applications from students aged over 21 years on 1st October of the year of entry. Each student is considered on his/her individual merit, taking into account academic qualifications and other relevant experience. Evidence of recent academic study is particularly relevant to applications

for degree courses. The College welcomes applications from students who have successfully completed relevant Access courses.

Special needs

CAFRE strives to provide an inclusive learning environment and welcomes and encourages applications from persons with a disability. Applicants are advised to disclose learning needs or disabilities on their application form to give CAFRE an understanding of their support needs and any reasonable adjustments that might be required. Disability will not be considered as part of the selection process. All courses offered at CAFRE have an element of application in a practical situation.

Complaints procedures

A booklet entitled 'Our Complaints Procedure' is available on the DAERA website: www.daera-ni.gov.uk and sets out the standards to which we operate with regard to all our customers. For example, course applications will be acknowledged within two working days and outcomes of College interviews will be issued within five working days of the interview.

Written complaints or comments should be sent to the Customer Services Department at any of the campuses. If you feel that we have not dealt with your comment, complaint or suggestion to your satisfaction you can write to the Complaints Officer at any of the campuses.

The Northern Ireland Public Services Ombudsman offer advice about making a complaint if you feel that you have been treated unfairly or have received a poor service or that your complaint has not been resolved to your satisfaction. The Ombudsman can be contacted on: **freephone 0800 34 34 24**.

Information correct at time of printing, November 2020. Please refer to our website for updated information: www.cafre.ac.uk

Images used within this prospectus have been selected from a stock of photographs which were taken before Covid-19 social distancing guidelines were introduced.



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Open Days

Discover the right course for you by watching our Virtual Open Days.

If you're the type of person who is interested in a hands-on course that will give you the best possible preparation for a job in the industry a course at CAFRE will suit you.

CAFRE Open Days

Covid-19 restrictions have impacted our ability to invite you on to campus to an Open Day.

Good practical facilities are vital to allow you to apply your knowledge and develop the skills to give you an advantage over the competition. That's why we'd like to invite you to virtually visit our campuses to see the facilities we use to train our students for successful careers.

We have a series of Virtual Open Days for each of our subject areas available to view on our website. Please log onto: www.cafre.ac.uk/student-life/discoverand-apply/open-days/ for more information about facilities and courses.



How to find us

Enniskillen Campus
BT74 4GF

Where you'll receive training in equine courses, is located two kilometres from Enniskillen, Co Fermanagh, on the A32 Irvinestown to Omagh Road.

Greenmount Campus
BT41 4PS

Focuses on agriculture and horticulture courses and is located three kilometres from Antrim town, just off the A26 Dublin Road.

Loughry Campus
BT80 9AA

Provides education for food technology related qualifications, is located three kilometres from Cookstown, Co Tyrone, just off the A29 Dungannon Road.



All course enquiries
Freephone: 0800 028 4291
Email: enquiries@cafre.ac.uk
Website: www.cafre.ac.uk

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