

Discover CAFRE

Further Education
Course Prospectus 2020



Contents



04 Welcome



06 Why choose CAFRE?



08 Investing in your future



22 How to apply



24 Entry requirements



26 Here to help



12 Hands-on experience



14 Industry links



15 Look to the future



28 Courses



118 Important and legal information



120 Open Days



16 Having fun on campus



18 Accommodation



20 Money matters



122 How to find us

Reach your potential in
your chosen career

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 onto further education within six months.



Why choose CAFRE?

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 onto 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, animal 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 onto higher courses

On completion of a Level 2 course you may be able to progress onto a Level 3 course. Having completed that course successfully, you could consider a Foundation Degree or Honours Degree. It's possible to progress to the next level if you get good grades in the course you have just completed.



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



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.

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



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 strenuous 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 working hunter competitions, 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 200 hectares around the campus are used

for arable, dairying and lowland beef and sheep farming. Our Dairy Centre accommodates 200 cows and has all the latest technologies including comfort housing and cow handling, waste management and parlour recording systems. Another 960 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.





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, an on-line 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 on-line 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.



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.

Industry links

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.

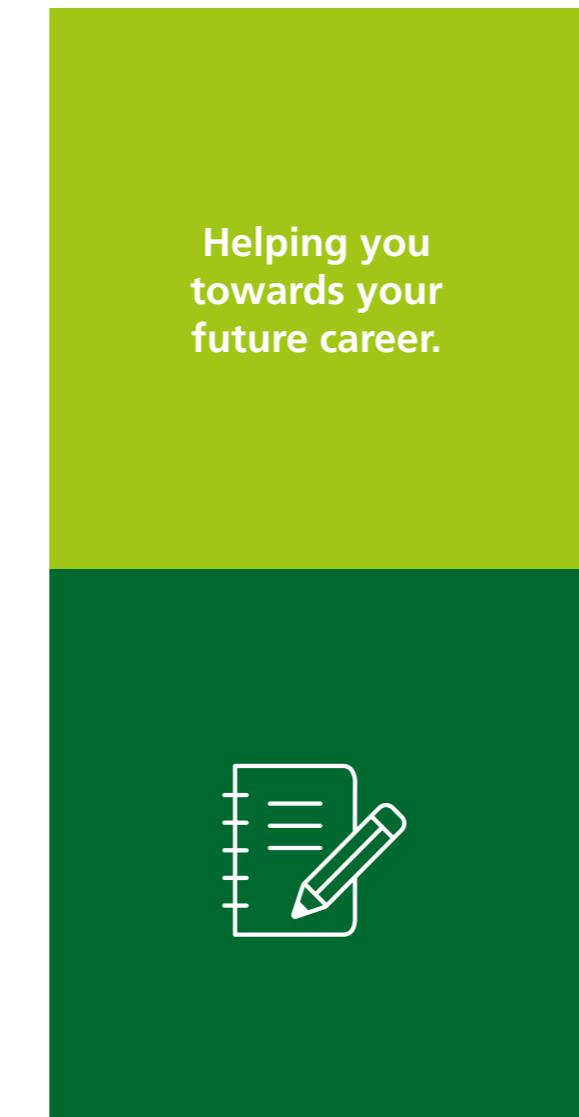
Work placements

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.

We encourage you to spend your work placement in a number of places so that you get the chance to sample several jobs. You can go abroad or stay closer to home if you wish.

Many businesses contact us looking for our good quality placement students. We can help you get your placement organised or you can use your own contacts.



Helping you towards your future career.

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.



FOOD INNOVATION CENTRE

Having fun

Our three campuses are set in tranquil rural surroundings, with rolling countryside, birds singing and the occasional bleating of sheep. Sounds idyllic doesn't it, but what do the students get up to when classes are over?

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, 100 students aged under 18 are accommodated in Halls of

Residence and over 100 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.



Accommodation Managers

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

You'll meet the Accommodation 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



Accommodation



100

Greenmount students in Halls of Residence.



95

Loughry students in single study bedrooms.



70

Enniskillen students in single study bedrooms.

Money matters

You'll have two main costs: tuition fees and living costs.

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



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 on-line 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 2020 will only be considered if there are places left on the course.

Entry requirements

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
- Visit our Open Days
- Study hard
- If your grades fall below what you expected talk to us for advice



Results

Once you have got your required grades - contact CAFRE to confirm your place.

If your results obtained in August 2020 are below entry requirements, don't panic! Contact CAFRE admissions to discuss your best 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.

Don't worry, there's a range of people at CAFRE to help you any time you need support. Your Personal Tutor will be there to advise you on academic issues.

Our **Student Support Officer** offers one-to-one advice and guidance on personal, academic and financial matters and any other concerns you may have. 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 and the people who are there to help you.

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.

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.

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

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.



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

Career profile

Sarah Davidson

“I graduated with a Level 3 Extended Diploma in Agriculture in June 2019. Although I do not come from a farming background I always had an interest in agriculture growing up in the countryside. This made choosing my educational path easier as I knew I wanted to explore opportunities in the industry so I chose to leave school after GCSEs and continue my studies at CAFRE.

My course was full-time and ranged from developing practical skills on the farm to learning theory and improving my knowledge in the classroom. I had a 12 month placement to complete during the second year of my studies and I travelled to New Zealand to work on a 650 dairy cow farm. I was responsible for various general farm duties including milking through a rotary parlour, pasture management and calf rearing. This placement allowed me to gain experience working in the industry while putting my practical and theory learning into practice. As a result my confidence has developed. Without CAFRE I never would have had the opportunity to complete my placement abroad, and the support and staff at the college were incredible.

I would recommend studying at CAFRE to anyone with the interest in Agriculture. The practical and theory elements of the course are very beneficial in the day-to-day management of a farm. The placement year allows you to widen your knowledge and you may even learn a few new tricks to take back home! It's a paid placement so you can earn while you learn and take on new responsibilities living away from home.

I really enjoyed the course at CAFRE. You attend regular farm visits to see different systems in place and make connections with people in the industry. I have progressed onto the Honours Degree in Agricultural Technology to continue my studies and look forward to seeing what the future holds! ”



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

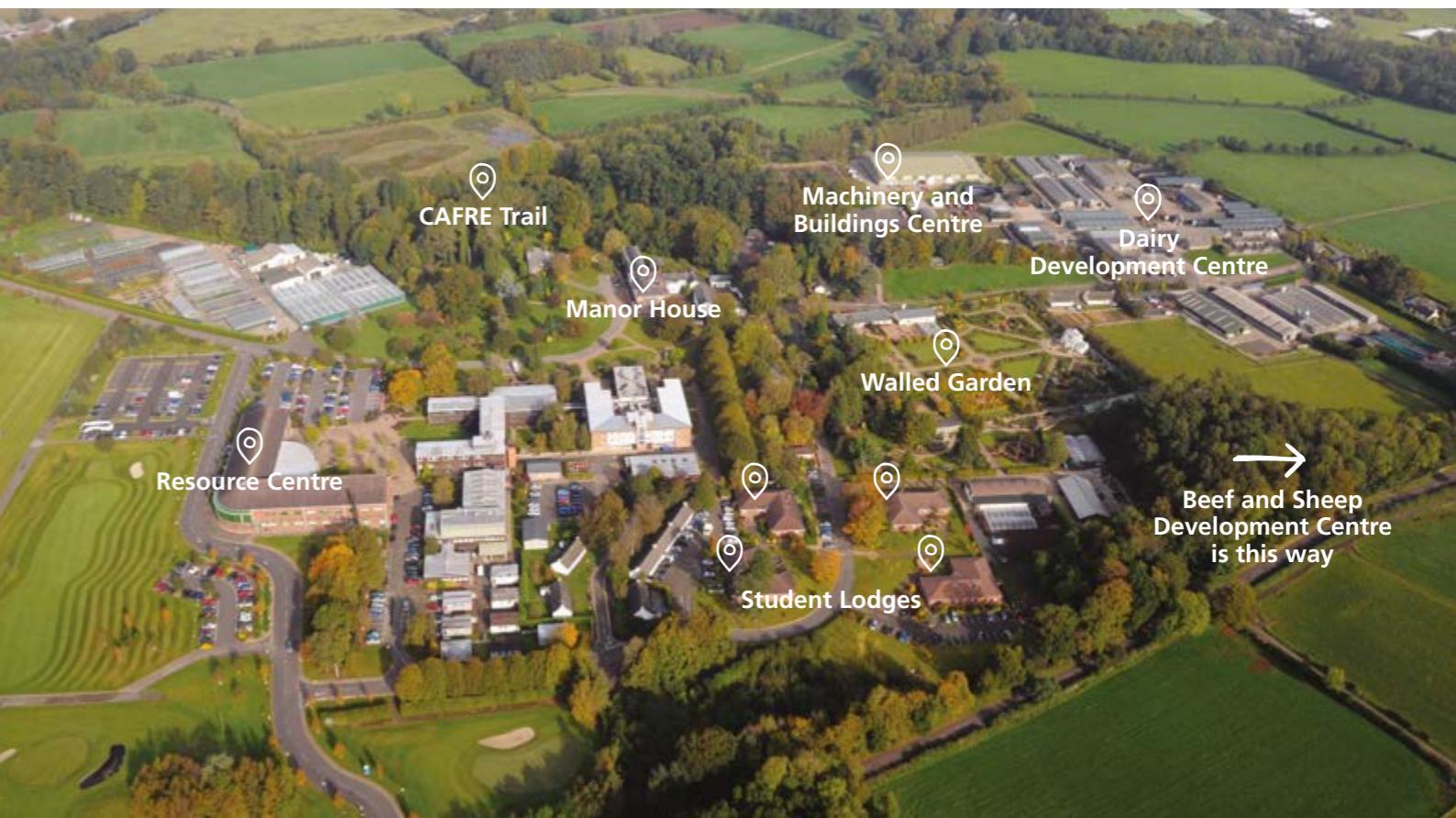
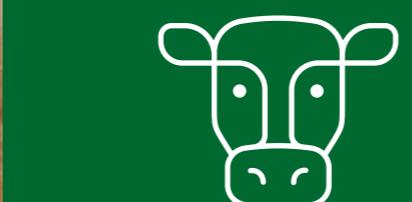
Greenmount Farms

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 (890 hectares), the Dairy Centre (169 hectares) and the Beef and Sheep Centre (127 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

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



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.

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
- Health and safety
- Livestock husbandry
- Machinery operations
- Pollution and waste control management
- Work placement



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 Merit level or above, 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 onto 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.

Alexander Boyd

“I was attracted to the course by the good mix of classroom and practical experience offered. Working on the three college farms allowed me to develop my understanding of agriculture. During the second year of the course I completed my work placement on a 2,225 hectare hill farm near Newton Stewart, Scotland, during which time I further developed my practical skills.

I particularly enjoyed the trips to see other farm businesses and our study trip to Scotland was very informative. My three years at Greenmount were very worthwhile. I learnt so much that I will be able to put into practice over the coming years on our home farm. I would encourage anyone thinking of a career in agriculture to consider this course as it does not only teach you to be a better farmer but opens up opportunities within the wider agriculture and land-based sectors.”



Level 2 in Agriculture

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



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 have the opportunity to undertake work experience one day per week as part of their course.

Course content

The emphasis is on the application of skills and knowledge and over half of the course is practical. Students complete work experience one day per week for the duration of the course.

The main areas of study are:

- Crop husbandry
- Estate maintenance
- Farm animal production
- Health and safety
- Livestock production
- 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 Numeracy and Literacy.

Entry requirements

Normally two GCSE Grade Cs or three Grade Ds, or equivalent, including English and Mathematics.

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 onto Level 3 Agriculture courses. After completing this course the majority of students work in practical agriculture.

Christopher Black

“After completing my GCSEs I decided to attend CAFRE to study for the Level 2 Technical Certificate in Agriculture. It's a full-time course delivered over one year, which was perfect for me.

There was a good mix of theory and practical learning. Coming from a dairy farm I particularly enjoyed the practical sessions throughout the year.

I am now at home farming with my father and brother. I thoroughly enjoyed my time on the Level 2 course and I plan to progress onto the Level 3 Work-based Diploma in Agriculture course, offered by CAFRE.”



Level 3 Diploma in Work-based Agriculture

Fact file

Course duration:

Approximately 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



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.

Course content

Students study one of the following livestock enterprises:

- Beef and sheep production
- Milk production and cover nutrition, grassland management, housing, records, animal health, selecting stock and, if applicable, milking. There is also the opportunity to achieve additional awards.

Entry requirements

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

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

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

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

Fact file

Course duration:

Approximately 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



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.

Course content

Basic skills include:

- Animal health and welfare
- Animal selection and breeding
- Emergency first aid
- Feeding livestock
- Foundation module of pesticide application
- 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 Numeracy and Literacy as part of their programme of study.



Entry requirements

Normally two Grade Cs or three Grade Ds at GCSE, including English or Mathematics. Plus relevant knowledge of the industry and basic livestock skills, which can be acquired prior to leaving school.

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

Progression opportunities and career destinations

This course provides students with an opportunity to progress onto the Level 3 Apprenticeship in Agriculture or the Level 3 Diploma in Work-based Agriculture in the enterprise of their choice or onto the Level 3 Advanced Technical Extended Diploma in Agriculture to gain additional supervisory skills.

Thomas Rea

"I recently completed the Level 2 course which suited me very well as I was able to work on our family farm, whilst gaining a qualification in agriculture. We have a busy home farm near Moneymore, where we run a dairy herd."

"The course was great as I learnt a lot about wider aspects of agriculture, not just dairy farming. I enjoyed the social aspect of getting off farm every week and meeting with other students. Through studying with CAFRE I have made good contacts which will be useful in the years ahead."

"Now that I have completed the course I am working at home giving me the opportunity to apply what I've learnt. I'm going to continue my studies at Level 3."



Multi-Skilling Programme

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



This programme aims to provide young people with the opportunity not only to gain a trade but also to train in agriculture. This means that they will have the necessary skills and knowledge to secure employment off the farm and to farm on a part-time basis.

Course content

Students undertake two Level 2 courses, one in Livestock Production called a City & Guilds Diploma in Work-based Agriculture, and the other in their chosen trade area, for example: joinery, plumbing, plastering, bricklaying or motor mechanics. Training in the trade area will normally be delivered through day-release and work experience, organised by another training organisation.

Agriculture course delivery

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

Normally two Grade Cs or three Grade Ds at GCSE or equivalent. Preference will be given to applicants with English or Mathematics at Grade C or above plus the equivalent of one year's relevant industry experience, which can be acquired prior to leaving school. In addition applicants may be required to complete an agricultural knowledge assessment.

Progression opportunities and career destinations

This course may provide students with an opportunity to progress onto a Level 3 Apprenticeship in their trade area or a Level 3 programme in Agriculture. Most trainees will be in work or will gain full-time employment in their chosen trade area and farm part-time.

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 on 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. "



Equine courses

- Level 3 Advanced Technical Extended Diploma in Equine Management
- Level 2 Technical Certificate in Equine Care
- Farrier Upskilling Programme



Industry insights

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.

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



Career profile

Natalie Fair

“I completed my Level 3 Extended Diploma in Horse Management in 2016.

I had the opportunity to travel to Holland with the Erasmus+ study programme, during which we visited several dressage and showjumping yards. I took part in a two week work placement programme in Holland in VHL Stables, giving me the opportunity to work with top level showjumpers and gain experience in an international competition environment. I then undertook my Level 3 work placement with Eric Pele, Lisbane Farm, gaining great insight into the running and inner workings of a busy competition yard with a range of different horses. After completing the Level 3 programme, I returned to work for Eric for three consecutive summers, between my further studies.

With my Level 3 qualification complete I decided to continue my studies for a higher level qualification. I am now in my final year at Writtle College studying for an Integrated Masters in Veterinary Physiotherapy (MVetPhys).

During the course I worked in the Irish Equine Rehabilitation and Fitness Centre, Moira. The experience and insight into the different techniques associated with rehabilitating horses such as using the water treadmill and assisting with veterinary, physio, chiropractor, nutritionist and specialist farrier visits has been invaluable. I have worked with a vast range of horses and learn how to manage different types of injuries, as well as working directly with clients.

I thoroughly enjoyed my time at Enniskillen Campus and gained so many valuable skills as well as making friends. The college has given me a solid foundation for building my career and the Further Education programmes provided me with the knowledge and connections to secure a career in the equine industry.”



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

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



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

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.

Competency in horse riding is essential for those wishing to undertake riding options.

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 onto 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.



Joseph Kennedy

“After I finished my GCSEs I decided to follow my passion for horses and study at CAFRE. I grew up on my family’s flat racing Thoroughbred stud but I wanted to learn about other disciplines before working at home.

Initially I completed the Level 2 in Horse Care, in which I was awarded the Equestrian and Farm Feeds Cup for making the most progress in the academic year. I then progressed onto the Level 3 course. As part of this programme I undertook a five week work placement in Riverhill Stud, Crossgar. This placement gave me the opportunity to put my practical skills to good use but I was also able to continue learning on the job.

I have loved my time at CAFRE and have made many new friends. The campus offers a friendly and inviting place to learn. The staff are approachable and knowledgeable. I am looking forward to learning more as I start my second year of the course.”

Level 2 in Equine Care

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



This practical 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.

Course content

The main areas of study are:

- Anatomy and physiology
- Equine health and welfare
- Health and safety
- Horse handling and grooming
- Horse tack and equipment
- Riding and exercising horses
- Working in the equine industry

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

Normally two GCSE Grade Cs or three Grade Ds, or equivalent, including English and Mathematics.

Basic skills in horse riding are essential for those wishing to undertake the riding module.

Students who have not attained a Grade C in English and Mathematics at GCSE or equivalent have to complete Essential Skills in Literacy and Numeracy.

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 onto 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.

Naomi Connell

“I have just completed the Level 2 course receiving the award for best performance in practical assessment, of which I am very proud.

I made significant improvement in my equitation skills and practical experience. As part of the programme I undertook a five week placement with one of the leading event yards, Smith Brothers Eventing in Portadown. This gave me invaluable experience and allowed me to put my practical and theory experience to the test.

I was particularly impressed with the support I received from staff and students during my studies at Enniskillen Campus. I really enjoyed my year at Enniskillen Campus, and I am so excited to be returning to study on the Level 3 programme.”



Farrier Upskilling Programme

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



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).

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

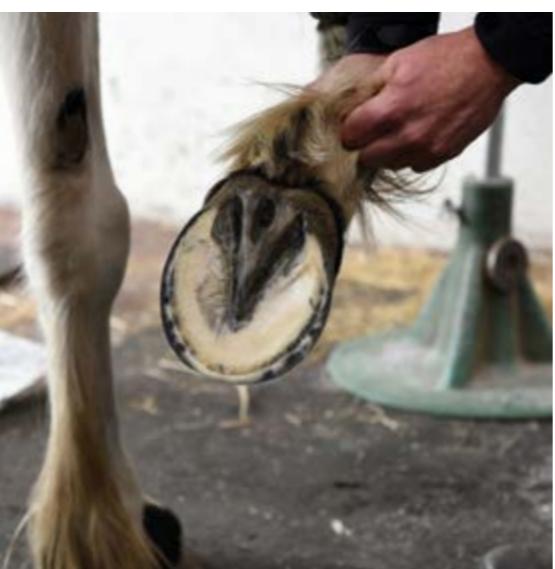
Applicants must have written confirmation, from at least two independent sources, one of which must be a farrier, confirming that they have been employed regularly and gainfully as a registered or unregistered farrier for a period of at least two years. Further guidance can be obtained from the Course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

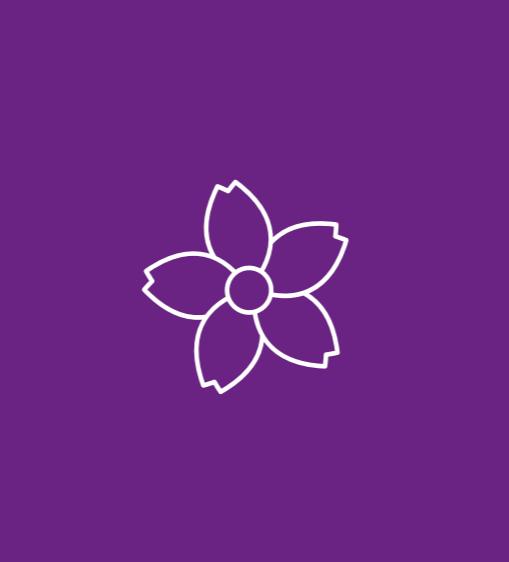
John Maguire

“I have always wanted to be a farrier and after working in the industry for a number of years I decided that getting qualified was essential for my career development. I knew the Worshipful Company of Farriers’ Diploma was a challenging programme but decided it would be worthwhile in the end. I availed of the opportunity to train for the exam at Enniskillen Campus. Students undertaking this programme are required to not only improve their farriery skills but develop their forging skills as well as, whilst covering extensive theory on shoeing, anatomy, ailments and remedial work. I had to work hard and put a lot of effort in but it has paid off as I am now a qualified farrier (DipWCF). I would recommend this qualification to any farrier as not only are your skills at a professional level but my clients can trust that I have the correct training for the job.”



Floristry courses

- **Level 3 Advanced Technical Diploma in Floristry**
- **Level 2 Technical Certificate in Floristry**



Industry insights

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.

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



Career profile

Megan Ingram
Florist

“I realised while helping out in our family floristry business during school holidays that I loved the job. My careers teacher directed me to the CAFRE website and I applied for the Level 2 Diploma in Floristry.

I completed the Level 2 Diploma in Floristry course and progressed onto the Level 3 programme, graduating from Greenmount Campus in June 2019.

Since graduating I work full-time in our third generation family business, The Alexandra Florist in Belfast. Ultimately I would like to build my experience, knowledge, confidence and skills and bring new fresh ideas to the business as well as inject a bit of my own modern touch.

A highlight of my time at CAFRE was competing at the RHS Young Chelsea Florist of the Year competitions in London. These were the most amazing experiences and I was delighted to achieve a Bronze Medal for my floral throne display in 2018. My competition entry in 2019 was a floral crown for which I was awarded another Bronze Medal.

I would encourage any young person with a creative mind to consider floristry as a career where they can grow, develop their skills and stretch themselves to be the best they can be.”



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.

Florists need to offer personalised designs at a range of price points.

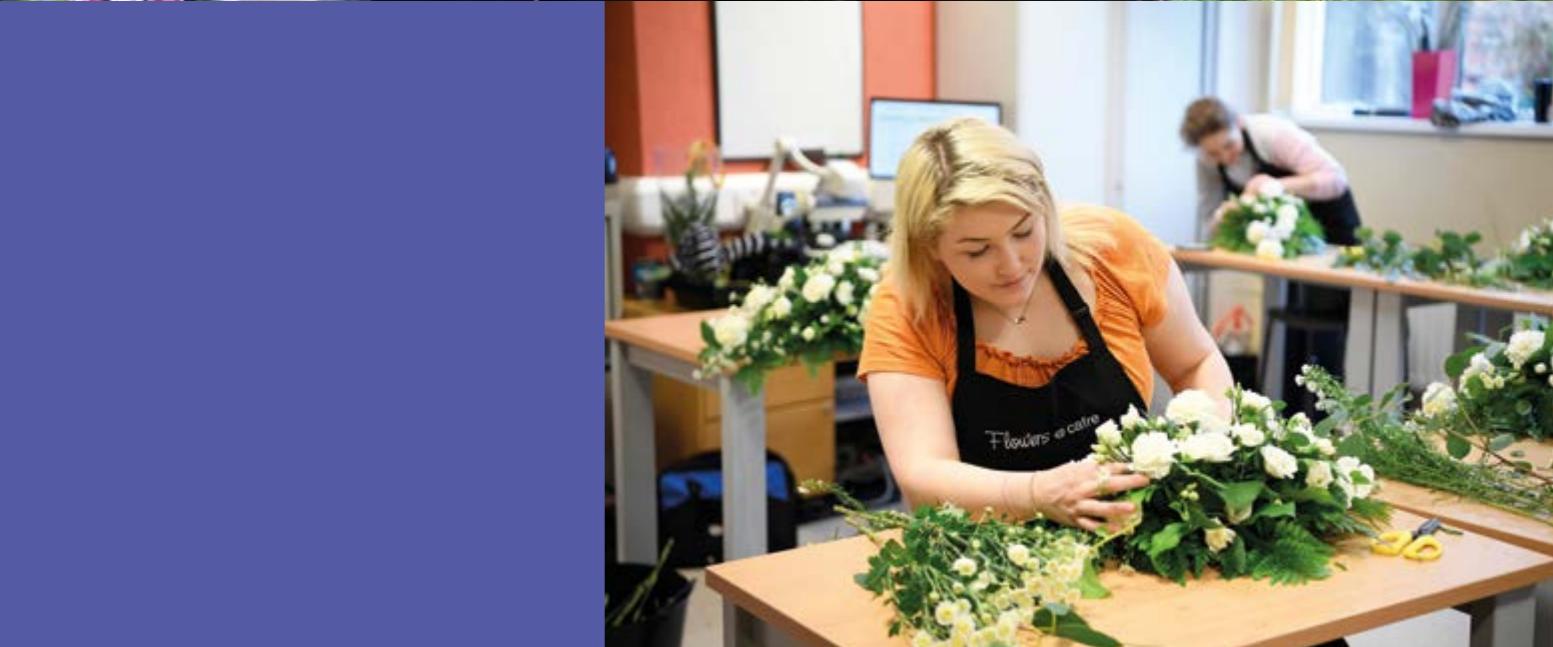


Our floristry facilities

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

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



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.

Course content

The main areas of study are:

- Business skills 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 in the UK and abroad.

Clare Agnew

“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 onto the Level 3. Whilst studying I completed my work placement with Annie Blooms in Markethill.

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 in 2020. As part of this process I will have lots of training and travel opportunities.

I have had a wonderful time at the college. I have 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.”



Level 2 in Floristry

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



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.

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

Entry requirements

Normally two GCSE Grade Cs or three Grade Ds, or equivalent, including English and Mathematics.

Students who have not attained a Grade C or above in English and Mathematics at GCSE or an equivalent qualification have to attend additional English and Mathematics classes as part of their programme of study.

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 onto 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.

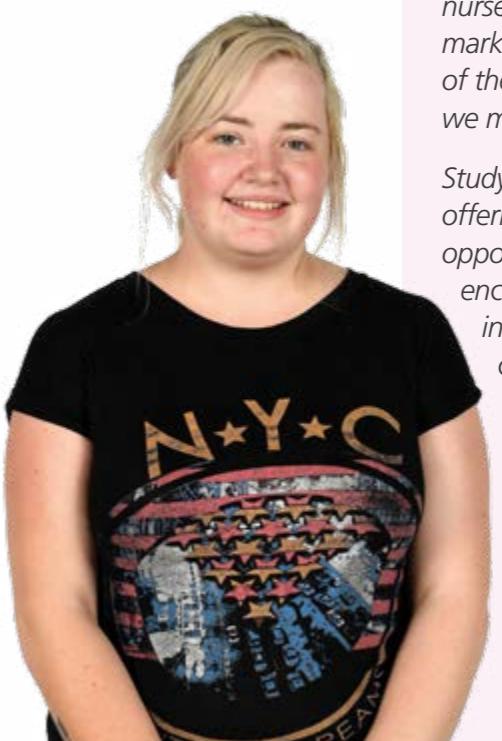
Victoria Brennnan

“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 onto 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 course at Greenmount offers students lots of trips to suppliers. We had the opportunity to visit Holland where we toured the world famous Keukenhoff Gardens, Amsterdam Botanic Gardens, a bulb nursery and floating flower market to name a few of the inspirational visits we made.”

“Studying floristry is certainly offering me lots of fantastic opportunities and 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.”



Food courses

- National Diploma in Food Technology
- National Diploma in Food, Nutrition and Health

Courses in this chapter are subject to revalidation



Industry insights

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.

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



Career profile

Cathy Parke

“After completing my GCSEs, I began studying A-Levels but found that this was not the right path for me. I left school and took up full-time work in a bakery for three years but then decided to look at alternative study options. I was aware of CAFRE through social media platforms but more importantly I knew someone who studied at Loughry Campus and they loved it.

I visited an Open Evening at the college to discover more and with my previous GCSE results was offered a place on the National Diploma course. The course offers a more vocational and practical route to higher education than A-Levels.

The staff at CAFRE are really friendly and it is a great environment to study in. One particular benefit from studying at Loughry is the great

career prospects offered to students after graduating.

I completed my National Diploma in June 2019 and on Awards Day received four prizes. With the progress that I made on the course I decided to continue my studies. I am now enrolled on the Food Technology Honours Degree course at Loughry Campus which is validated by Ulster University.

If you are thinking about studying at Loughry I would say go for it! At the college you will not only develop your interest in the food industry you will also get equipped with all the knowledge and skills employers demand in a fast-moving, consumer driven industry. A qualification studied at Loughry will help you get where you want to go.”



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.



National Diploma in Food Technology

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



This course prepares students for employment or progression onto higher level courses.

Course content

Six core units and a further twelve additional units must be completed.

Core units:

- Food and raw materials
- Food safety
- Food technology calculations
- Food workplace practices
- Introduction to food manufacture
- Introductory science for food technicians

Additional units:

- Cereal technology
- Dairy technology – liquid milk processing
- Dairy technology – product manufacture
- Food chemistry
- Food microbiology
- Food process control
- Food product development
- Food science for the technician
- ICT and food management information systems
- Meat technology
- Operational management
- Quality assurance

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 onto 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.

Jack McIvor

“When I first heard about courses at Loughry I was really interested to find out more. I visited an Open Evening and the courses sounded like they were the right choice for me. I really enjoy the numerous trips to visit food companies. I have developed my communication skills from completing presentations, as well as group activities in classes. When I graduate I hope to further my education by studying for a degree. Loughry Campus offers degree courses awarded by Ulster University, so I won't even have to move campus! I would advise anyone who has an interest in food science and technology to visit the campus, it is extremely interesting. I am glad I made the decision to study at Loughry.”



National Diploma in Food, Nutrition and Health

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



This course is designed to develop a knowledge and understanding of the links between food, nutrition and health. Students study current issues relating to health, the science of nutrition, the importance of a healthy diet and how to develop innovative, healthy foods which will optimise sports performance.

Course content

Six core units and a further twelve additional units must be completed.

Core units:

- Food microbiology
 - Health promotion
 - Human nutrition
 - Introduction to sports nutrition
 - Introductory science for food technicians
 - Quality assurance
- Additional units
- Consumer behaviour
 - Diet and health
 - Food and the media
 - Food chemistry
 - Food in society
 - Food product development
 - Food safety
 - Food science for the technician
 - Human anatomy and physiology
 - ICT and food management information systems
 - Introduction to food manufacture
 - Operational management
 - Using your senses

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 onto 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.

Alanna Bloomer

“When studying for my GCSEs my careers teacher told me about the courses at CAFRE. I felt Loughry was the right place for me. The college offers hands-on learning both in class and practicals. We have the opportunity to develop our skills further through completing an Industrial Diploma alongside our course. This is my favourite part, learning by doing! We also get to gain additional qualifications. So far, I have completed the Level 3 Food Safety qualification and achieved a Certificate in Manufacturing Operations. If you’re thinking about studying at Loughry and enjoy hands on learning it’s definitely a great place to study.”



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

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.

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



Career profile

Shea McFerran
Landscaper

"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 Euroskills 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 Euroskills competition in September 2018.

I went on to compete on the world stage with Team UK in Kazan, Russia in August 2019. My teammate and I achieved fourth place and a Medallion of Excellence! To know our work was judged to be the world standard in landscape gardening was just an amazing feeling.

I thoroughly enjoyed my time at Greenmount Campus and gained so much valuable knowledge and skills as well as making great friends. The Level 3 course has given me a great foundation which has helped start my career in the horticulture industry where I work as a landscape gardener."



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.



Our horticulture facilities

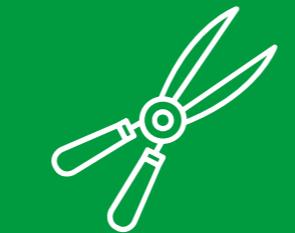
Greenmount is a well established centre for horticulture education and has delivered full-time courses in horticulture since 1924.

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

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



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.

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 onto 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 onto 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

Fact file

Course duration:
One year (4 days/week)

Course location:
Greenmount Campus

Course Manager:
Lori Hartman

Telephone:
028 9442 6992

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



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.

Course content

The main skills areas are:

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

Entry requirements

Normally two GCSE Grade Cs or three Grade Ds, or equivalent, including English and Mathematics.

Students who have not attained a Grade C or above in English and Mathematics at GCSE or an equivalent qualification have to attend additional English and Mathematics classes as part of their programme of study.

Progression opportunities and career destinations

This course may provide students with an opportunity to progress onto 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)

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



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.

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 on-line 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 onto 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)

Fact file

Course duration:

Approximately two years

Course location:

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

Course Manager:

Paul Campbell

Telephone:

028 9442 6870

Email:

Paul.Campbell@daera-ni.gov.uk



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.

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 on-line 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.

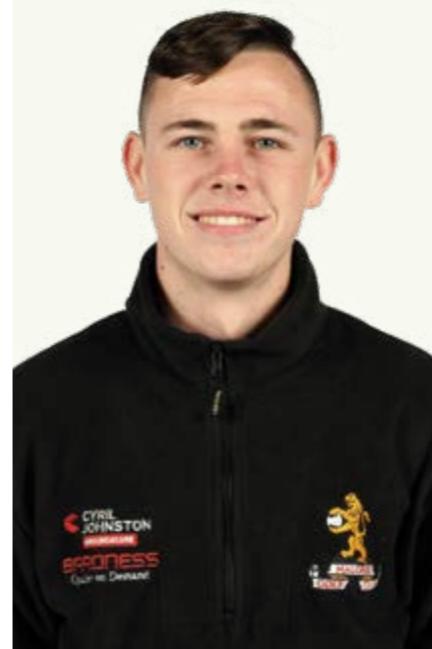
Those eligible for the Apprenticeship Scheme will be required to undertake the programme as an Apprentice.

Progression opportunities and career destinations

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

Mark Jennings

"I've thoroughly enjoyed studying Greenkeeping at Greenmount Campus. The teaching staff have been so supportive and encouraging throughout. Interacting with other greenkeepers on the course and getting their views on golf course management in their work place is all part of the learning experience and there is always something I can take from my day at Greenmount and apply it to my job at Malone Golf Club. In addition to the classroom and workshop based learning sessions I have also benefited from guest lecturers, experts in their field, coming in and chatting to the class. I enjoy the field trips that are regularly organised when I get to see how greenkeeping is done at different venues throughout N Ireland."



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."



Land-based Engineering courses

- Level 3 Advanced Technical Diploma in Land-based Engineering

Courses in this chapter are subject to revalidation



Industry insights

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 will be 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.

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



Career profile

David Mortimer

“I completed my Level 3 Advanced Technical 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.

I am looking forward to returning to Greenmount to attend the Awards Ceremony. It will give me the opportunity to catch up with former classmates and hear where they have found employment or are furthering their studies since completing the course. I am delighted to be receiving the Department of Agriculture and Rural Enterprise award for attaining the highest marks on the course.

If you are like me and have a real interest in agricultural machinery this is the course for you. I would certainly recommend that you attend one of the Open Days organised by the college and see for yourself the facilities that Greenmount has to offer. You’ll also get the chance to talk to current students and staff will be available to answer any queries you may have.”



Land-based Engineering careers

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 tractor and machinery manufacturers and suppliers.



Level 3 in Land-based Engineering

Fact file

Course duration:

Two years including work placement.

Course location:

Greenmount Campus

Course Manager:

Bernard McCloskey

Telephone:

028 9442 6856

Email:

Bernard.McCloskey@daera-ni.gov.uk



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.

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 sessions.

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 onto 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.”



Animal Nursing courses

- Level 2 Certificate
for Animal Nursing
Assistants



Industry insights

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.

For more information on the Level 3 Diploma in Veterinary Nursing please refer to www.cafre.ac.uk.



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



Career profile

Krystal Ward

I completed the Level 2 Certificate for Animal Nursing Assistants in May 2019. I really enjoyed this one year course as it allowed me to work 21 hours each week in a veterinary practice while attending college. I am extremely lucky to be working in Pride Rock Vets, Banbridge which is my family's business. My sister and mum work in the practice and have been a great support to me while attending college.

I attended college one day per week at Greenmount Campus, Antrim. This gave me a great opportunity to meet other student Animal Nursing Assistants who were in placement in a wide range of veterinary practices across Northern Ireland. The day at college provided the opportunity to learn about the anatomy, physiology and science behind working with animals, their behaviour, welfare and nutrition.

It was hard to balance work in the veterinary practice, college, study time, and home life. However, I just had to be really disciplined and make sure that I got on with study each week, to avoid coursework building up. The course was intensive, with new information to learn weekly but being in work the rest of the week meant I could directly apply my learning to cases in practice.

I have always wanted to work with animals and was keen to work within the family business. I aim to progress onto the Level 3 Diploma in Veterinary Nursing in the future which I know will be another step up regarding the workload and responsibility to train as a Registered Veterinary Nurse. The Level 2 course was a great introductory course for me and confirms I really want to work in animal care industry. ”



Our Animal Nursing facilities

Greenmount Campus provides an attractive learning and living 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 on-line teaching materials available.



Level 2 Certificate for Animal Nursing Assistants*

Fact file

Course duration:

One year

Course location:

Greenmount Campus

Course Manager:

Siobhan Sheppard

Telephone:

028 9446 3683

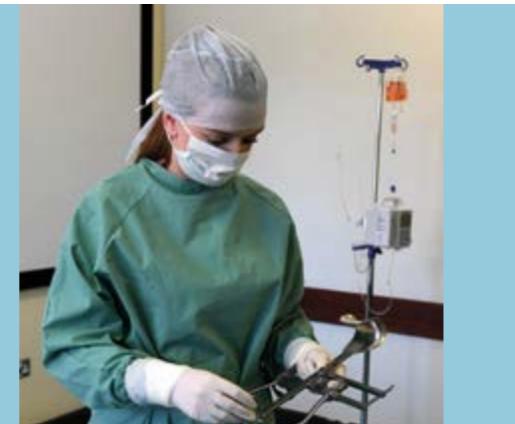
Email:

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 Animal Nursing Assistant course is delivered on a day-release basis over one academic year. The remainder of the time is spent working in a veterinary practice.

The course covers:

- Basic practical management and reception skills
- Companion animal anatomy and physiology
- Control and restraint of animals
- Maintenance of animal accommodation
- Principles of infection control
- The care of ill and injured animals within a veterinary practice
- The husbandry and welfare of domestic animals

* Aspects of this course may change, please refer to our website for updates.

Entry requirements

Normally two GCSE Grade Cs or three Grade Ds, or equivalent, including English and Mathematics.

Applicants must be:

- Aged over 16 years
- Employed or volunteering in a veterinary practice for at least 21 hours per week for the duration of the course.

Entry requirements will be enhanced if the course is over subscribed.

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

Students who successfully complete the Animal Nursing Assistant course may apply for the Level 3 Diploma in Veterinary Nursing course.

The Level 3 City & Guilds course is designed for those working in a Royal College of Veterinary Surgeons (RCVS) approved training practice. Upon successful completion of the Level 3 qualification students can apply to the RCVS and practice as a fully registered Veterinary Nurse in Northern Ireland.

For more information visit www.cafre.ac.uk

Sarah Kealey

“I worked in a restaurant prior to enrolling on the course, spending free time with my horse and other animals. I finally gained a position working in a veterinary practice in Limavady; initially cleaning kennels and walking dogs before starting the Level 2 course. The great thing about the course is applying what I've learned in class to my work in practice every week. My favourite topics are anatomy and physiology, critical care nursing and nutrition. I have worked for two years in practice and have just achieved the Level 2 qualification. I have now progressed onto the Level 3 Diploma in Veterinary Nursing offered by CAFRE, to pursue my career as 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.

The courses offered are continually being improved through review and quality assurance processes by the College and Awarding Bodies.



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**.

Open Days

If you're considering coming to CAFRE, 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 industry.

Open Days Spring 2020

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 visit our campuses to see the facilities we use to train our students for successful careers. You or your school can organise a special visit or you can attend one of our Open Days.

At our Open Days you'll find out about specific courses and their career opportunities, tour the facilities and accommodation and meet students and staff.

Enniskillen Campus

Saturday 28th March
at 12 noon

Loughry Campus

Tuesday 31st March,
3-8pm

Greenmount Campus

Wednesday 1st April,
3-8pm

Careers Advice Evening Thursday 20th August 2020

Enniskillen Campus
Greenmount Campus
Loughry Campus

During August, when you know your exam results, we hold Careers Advice Evenings to let you confirm or reconsider your course options.

Discover
the right course
for you
by attending
an Open Day.



How to find us

Enniskillen Campus BT74 4GF

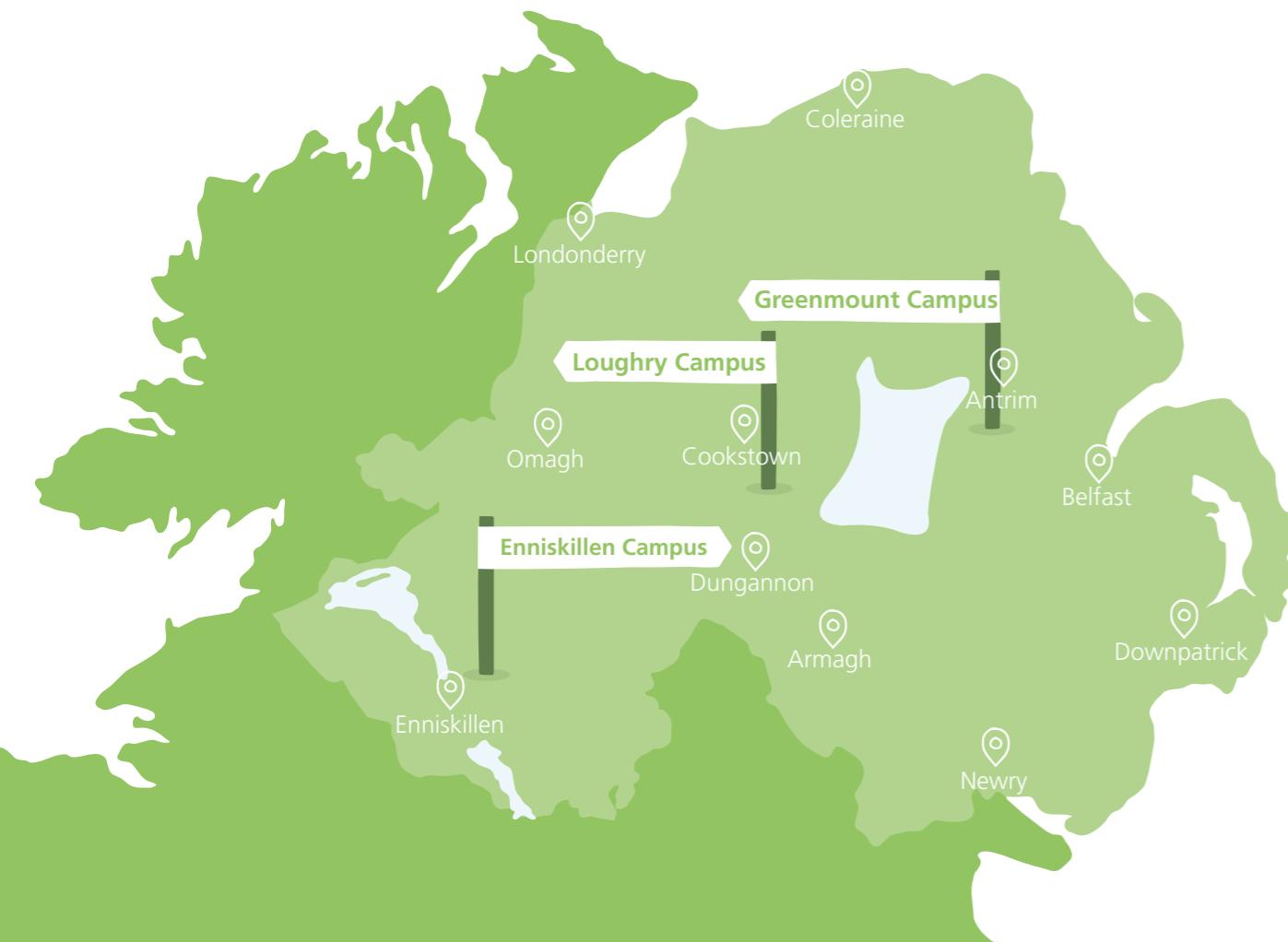
Where you'll receive training in equine courses, is located two kilometres from Enniskillen, Co Fermanagh, on the A32 Irvinestown to Omagh Road.

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 related qualifications, is located three kilometres from Cookstown, Co Tyrone, just off the A29 Dungannon Road.



Notes

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

If you require this publication
in an alternative format please
contact College Administration on
Freephone 0800 028 4291 quoting
reference FE Prospectus 2020

Printed on recycled paper – Revive 100%
pure white silk, produced using 100%
recycled waste at a mill that has been
awarded the ISO14001 certificate for
environmental management.

The pulp is bleached using a totally
chlorine free (TCF) process.

Enniskillen Campus

2 Mullaghmeen Road
Levaghy
Enniskillen
BT74 4GF

Greenmount Campus

45 Tirgracy Road
Muckamore
Antrim
BT41 4PS

Loughry Campus

76 Dungannon Road
Cookstown
BT80 9AA



DiscoverCAFRE



DiscoverCAFRE



DiscoverCAFRE