

Course Guide 2024



Academy of Land and Environment

Agriculture
Environmental
Conservation
Floristry
Forestry and
Arboriculture
Horticulture
and Landscape



INDUSTRY FOCUSED
CAREER READY

Academy of Land and Environment

Do you want to shape the future of sustainable farming, or help protect the UK's natural environment? Studying one of the many courses we offer in our Academy of Land and Environment would be the perfect choice for you.

Courses we offer:

- ✓ **Agriculture**
- ✓ **Environmental Conservation**
- ✓ **Floristry**
- ✓ **Forestry and Arboriculture**
- ✓ **Horticulture and Landscape**

Why choose Reaseheath?

Our industry focused courses, fantastic facilities and outstanding staff are just a few of the reasons our students love studying with us and go on to achieve great things in their careers. Not only will you gain an in-depth understanding of your chosen course area, but you will also make lots of new friends, and enjoy your free time by joining any of our societies, clubs and social events happening regularly across campus.

Each Level 3 course is equivalent to A Levels and provides you with UCAS points for progression onto either our degree programmes at University Centre Reaseheath or at other universities.

Our students love studying courses in our Land and Environment academy because:

- ✓ **We have a range of specialist facilities on our beautiful campus, including an automated robotic milking system and data centre, a Lely vector feeding system, as well as the UK's largest training and research centre for vertical farming. Our campus is also home to lots of natural wildlife, a commercial farm and an on-site lake**
- ✓ **We are among high performing local colleges to benefit from the latest round of government investment through newly formed Institutes of Technology. We are using the investment to develop our commercial farm, Agri-Technology Centre and Food Innovation Centre to integrate further state-of-the-art technologies, machinery and equipment, including GPS and robotic systems for data collection and research**
- ✓ **We have great industry links and highly experienced teaching staff, so you will be learning from the best**
- ✓ **You will have lots of opportunities to gain extra experience within your chosen subject area to make you and your CV stand out**

Which level of course is right for me?

We offer a number of different courses at Reaseheath College including T Levels and apprenticeships in some subject areas, Technical Baccalaureates, Advanced Technical Extended Diplomas, Diplomas and Certificates. You can choose the one that's right for you, depending on your previous experience and qualifications.

Study Agriculture at Reaseheath College

Did you know?

In 2022 in the North
West, there were almost
16,000 jobs in the
agricultural and
related trades*

If you would like to learn how to shape the future of farming and food production, at a college which has been teaching Agriculture courses for over 100 years, then Reaseheath College is the place for you.

By studying an agricultural T Level or apprenticeship with us, you will have access to state-of-the-art resources on our 252-hectare commercial and training farm, including our new automated robotic milking system and data centre, and gain practical experience with our dairy cows, youngstock, sheep flock, tractor operations and much more.

Throughout your course, you will learn about technological advancements in robotic milking, precision farming, data analysis, field scale crop production and sustainable livestock production and enjoy unique insights and experiences off campus by visiting farms and allied businesses. You will also complete a work placement, as well as additional qualifications such as safe use of veterinary medicine and pesticide application, to enhance your CV.

*Source: analyst.lightcast.io

Your career paths

Agriculture courses we offer:

- ✓ Level 2 Technical Certificate in Agriculture
- ✓ T Level in Agriculture

Agriculture apprenticeships we offer:

- ✓ Level 2 General Farm Worker Apprenticeship
- ✓ Level 3 Crop Technician Apprenticeship

Progress onto a degree at University Centre Reaseheath

- ✓ Once you have completed your Agriculture T Level or apprenticeship at Reaseheath College, you may wish to progress on to degree level study for extra skills and experience to get ahead of the competition when it comes to applying for jobs.
- ✓ You could study a degree in Sustainable Agriculture at University Centre Reaseheath for example, specialising in either Livestock Management, Crop Management or Dairy Herd Management.

Find out more at:
ucreaseheath.ac.uk/agriculture

Career options

The agricultural industry offers an incredibly wide choice of careers. Many of our students have found their qualifications are a passport to exciting and enjoyable careers in the USA, Australia and New Zealand, while others have gained degrees and now manage leading agricultural businesses. Just some of the many other roles you could move into include:

- ✓ Senior farm manager
- ✓ Dairy herd manager
- ✓ Genetics specialist
- ✓ Animal health or feed specialist
- ✓ Machinery operator
- ✓ Livestock nutritionist

Experienced
agronomists earn
up to £60,000 a year*

*Source: National Careers Service



Student success

Connor Smith

Qualifications:

Level 3 Diploma in Agriculture 2016

Foundation Degree in Agriculture 2018

BSc (Hons) Agricultural Business
Management 2019

MSc Ruminant Nutrition 2021
(Harper Adams University) 2021

Job title:

Ruminant Nutrition Specialist
Bimeda Animal Health



“Throughout my six years at Reaseheath I was encouraged to develop my own ideas, further my knowledge and work independently. Although I have a non-farming background, I’m passionate about dairy cows and their welfare and this was encouraged throughout my studies.

“My diploma gave me a solid base of knowledge plus practical skills while my degree allowed me to study in depth and to specialise. I took advantage of work placements and studied for my BSc and Master’s degrees alongside a full time position as dairy herd manager, so I was able to apply my learning in practice.

“I’m now working for a global leader in animal health and pharmaceutical products. My role is to support nutrition product sales by providing CPD to animal health professionals. I also support vets on farm to Interpret evidence gathered and recommend dietary supplements for ruminants when necessary. It’s a great job and I really enjoy it.”

Find out more about studying Agriculture at Reaseheath College
reaseheath.ac.uk/agriculture

Study Environmental Conservation at Reaseheath College

Did you know?

The average salary
for Conservation and
Environment Professionals
in the North West in
2022 was £32,800
a year*

If you want to help protect the UK's natural environment, you're keen to work outdoors and you are passionate about protecting the British countryside, Reaseheath is the perfect place for you to study!

Studying amongst 330 hectares of farms, parklands, lake and woodland you will have plenty of opportunities to develop your practical skills on campus, while also carrying out coastal habitat surveys, undertaking woodland management and working with local communities on a host of outreach projects.

You'll also have the chance to go on field trips, complete an industry relevant work placement and gain additional industry qualifications, all of which will give you valuable experience for your CV.

*Source: analyst.lightcast.io

Your career paths

Environmental Conservation courses we offer:

- ✓ Level 2 Technical Certificate in Land and Wildlife
- ✓ Level 3 Diploma in Land and Wildlife Management
- ✓ Level 3 Technical Baccalaureate in Land and Wildlife Management

Progress onto a degree at University Centre Reaseheath

- ✓ After studying with us, you could progress onto higher level study at university.
- ✓ Many of our students go on to complete a degree or foundation degree at University Centre Reaseheath, for example in Environmental Conservation or Wildlife Conservation and Ecology, to gain more advanced knowledge and extra experience to enhance their career prospects.

Find out more at:
[ucreaseheath.ac.uk/
environment-conservation-
sciences](http://ucreaseheath.ac.uk/environment-conservation-sciences)

Career options

The nature of our courses mean that your career progression options are truly diverse. Many of our students choose to further their studies at university whilst others go straight into employment in the industry.

You could for example find yourself supporting conservation through improving wildlife habitats and recording species numbers across the UK.

A number of other key roles you could progress onto include:

- ✓ Ranger
- ✓ Conservation assistant or officer
- ✓ Environmental ecologist
- ✓ Forest Schools practitioner
- ✓ Countryside contractor
- ✓ Environmental project manager
- ✓ Game keeper

Experienced
ecologists earn
up to £42,000 a year*

*Source: National Careers Service



Student success

Rhian Tyne

Qualifications:

Level 3 Technical Baccalaureate in
Land and Wildlife Management 2020

Job title:

Trainee Wildlife Ranger
Forestry England
Northamptonshire



“My job is incredibly diverse and involves a lot of conservation work. I’m fascinated by deer and my primary role is to help manage the fallow and muntjac populations in our district, but I’m also involved in conserving a huge range of other species such as red kites, dormice and bats. The way we manage our habitat affects them all.

“After I finished my Tech Bacc I continued to gain work experience at a Norfolk deer park and also spent a winter in Scotland as a pony ghillie. These experiences, plus the skills, knowledge and support I’d gained from college, helped me to stand out when I applied for my current role.

“Now I’ve now completed a full year I’m much more independent and can carry out tasks on my own. My traineeship is for two years and then I’m looking forward to becoming a fully qualified wildlife ranger.”

Find out more about studying
Environmental Conservation at Reaseheath College
reaseheath.ac.uk/conservation-wildlife-management

Study Floristry at Reaseheath College

If you love flowers and plants and have artistic and creative flair, studying Floristry at Reaseheath College is for you!

You'll learn your floral design skills in our dedicated studios within our award-winning floristry department and be encouraged to develop your creativity by foraging in the grounds of our beautiful campus, home to a spectacular range of flowers, foliage and natural art forms.

Did you know?

In the North West in 2022 there were 762 job postings for florists*

You'll also complete relevant work experience and, at college, produce designs for clients under supervision. You may also work in our local community, preparing displays for hospices, stately homes and flower festivals, or enjoy behind-the-scenes visits to floristry shows and businesses. Additionally, you could compete in national competitions such as WorldSkills UK or be on a medal winning team at the RHS Flower Show Tatton Park or RHS Chelsea Flower Show.

*Source: analyst.lightcast.io

Your career paths

Floristry courses we offer:

- ✓ Level 2 Diploma in Floristry
- ✓ Level 3 Advanced Technical Diploma in Floristry

Progress onto a degree at University Centre Reaseheath

- ✓ After you complete your course with us at Reaseheath College, you may decide you want to gain extra experience and skills by studying for higher level qualifications, to make you and your CV really stand out. Many of our students do this at University Centre Reaseheath.

Find out more at:
ucreaseheath.ac.uk/floristry

Career options

After completing your course, you can choose to progress into employment, self-employment or further training. Some of our students take the chance to travel and experience different countries and cultures, finding dream jobs in exotic and sun-drenched locations such as the Bahamas, Bermuda, the Cayman Islands and France. There is a wide variety of jobs on offer including:

- ✓ Floristry shop owner
- ✓ Wedding and party specialist
- ✓ Member of floral decorating team
- ✓ Demonstrator
- ✓ Cruise ship florist
- ✓ Staff florist at prestigious hotel
- ✓ Specialist grower



As a self-employed florist, there is no limit to the amount you can earn!



Student success

Sarah Harry and Zoe Hall

Qualifications:

Level 3 Advanced Technical Diploma
in Floristry 2020

Job titles:

Co-owners of Bramble & Blooms
Tarporely



“We opened our own artisan floristry shop in 2019 while still studying part-time for our Level 3 Diploma. We met at college and discovered we both wanted to own a floristry shop offering rustic floral designs for weddings and events.

“The business has flourished beyond all expectations. We’ve moved to a new high street location in Tarporely and have also taken on another former floristry student as a staff member. In 2021 we won third in the British Florist Association’s ‘Retail Shop of the Year’ and were invited to join the Good Florist Guide. Both are very prestigious within the industry and are awarded for high standards and excellent designs.

“We both have three children so chose part-time study to fit in with domestic duties. Learning specific business skills, such as how to prepare a wedding contract and consult with clients, were as important as the practical elements and helped us to get to where we are today.”

Find out more about studying Floristry at Reaseheath College
reaseheath.ac.uk/floristry

Study Forestry and Arboriculture at Reaseheath College

Did you know?

The top specialised skills
that employers look for
are the use of chainsaws,
pruning and tree
surveying

If you are enthusiastic about the environment, then our T Level* in Tree and Woodland Management and Maintenance is for you. The practice of forestry and arboriculture is crucial for the sustainable development of the countryside and urban spaces.

This course will provide you with the practical skills and knowledge needed for a successful career in the industry. Spend time climbing trees, learning about tree care, management systems of timber and much more, both on campus and within the local community.

As part of your T Level studies, you will complete an industry relevant work placement for a total of 315 hours over the two-year course, which could be with one of our industry links such as Stein, Forestry England or Sorbus International, for extra experience to help you progress into employment after completing your course with us.

*Find out more about our
T Level qualifications on page 23.

Your career paths

Forestry and Arboriculture courses we offer:

- ✓ Level 2 T-Up Transition Programme in Tree and Woodland Management and Maintenance
- ✓ T Level in Tree and Woodland Management and Maintenance

Progress onto a degree at University Centre Reaseheath

- ✓ After studying with us, you could progress onto higher level study at university.
- ✓ Many of our students go on to complete a degree or foundation degree at University Centre Reaseheath, for example in Environmental Conservation or Wildlife Conservation and Ecology, to gain more advanced knowledge and extra experience to enhance their career prospects.

Find out more at:
ucreaseheath.ac.uk/forestry-and-arboriculture

Career options

For those who love spending time outdoors, careers in forestry and arboriculture can be exciting and diverse. Especially within the British countryside, there are many opportunities for those wanting to climb into this industry. Roles you could go into include:

- ✓ Arboriculturist
- ✓ Tree officer
- ✓ Forestry worker
- ✓ Country estate worker
- ✓ Woodland manager
- ✓ Countryside/conservation contractor

**Experienced
arboricultural officers
earn up to £40,000 a year***

*Source: National Careers Service



Student success

Laura Steer

Qualifications:

Technical Baccalaureate in Forestry
and Arboriculture 2023

Job title:

Forestry Internship
Crown Estate Scotland



"My boyfriend and I previously studied media but when we discussed what we really wanted to do in life, he wanted to manage deer and I wanted to work with trees. So we both enrolled at Reaseheath!

"I'm particularly interested in sustainable forestry practices and passionate about preserving ancient native woodland. It's an ecosystem which provides one of the best habitats for wildlife and can't easily be recreated. We both volunteered for a month on a Scottish estate during our courses and loved it! We planted 1,500 mixed broadleaf trees and gained valuable experience in woodland and deer management.

"As a result of this experience and my qualification I've now been offered a Forestry Internship based at Glenlivet in the Cairngorms. I'm amazed I've managed such a huge achievement so quickly after my course. My boyfriend has also qualified in game management and has applied to become a wildlife ranger in Scotland. I've always been fascinated by nature but I didn't know how to begin turning my passion into a career. Coming to Reaseheath has changed that!"

Find out more about studying
Environmental Conservation at Reaseheath College
reaseheath.ac.uk/forestry-and-arboriculture

Study Horticulture and Landscape at Reaseheath College

Did you know?

In the North West
in 2022 there were
2,472 job postings
in horticultural
trades*

Do you enjoy gardening and keeping your greenery looking great? Turn your enthusiasm into a career by studying a Horticulture and Landscape course at Reaseheath College.

This is a hands-on course teaching students about the 'green industry', where you will undertake relevant training and complete work experience with our specialist partners to help grow your career. You will be studying in our cutting-edge facilities including one of the largest training and research centres for vertical farming.

Benefit from partnerships with professional organisations and suppliers including the Royal Horticultural society and the Landscape Institute. You may get involved with designing and building garden pieces and community garden projects and even win medals for your hard work.

*Source: analyst.lightcast.io

Your career paths

Horticulture and Landscape courses we offer:

- ✓ BTEC Level 2 Technical Certificate in Horticulture
- ✓ BTEC National Diploma in Horticulture
- ✓ BTEC Level 3 National Extended Certificate in Horticulture

Horticulture and Landscape apprenticeships we offer:

- ✓ Level 2 Horticulture Operative Apprenticeship

Progress onto a degree at University Centre Reaseheath

- ✓ Once you are qualified, you may want to develop your skills further and go on to study for a related degree as many of our students do, for example studying BSc Landscape Architecture at University Centre Reaseheath.

Find out more at:
ucreaseheath.ac.uk/landscape-architecture

Career options

With an interest in horticulture, there is a huge range of careers you could go on to after you complete your course at Reaseheath. Scientist to landscape architect, parks manager to garden designer – it's the sheer diversity of careers that makes horticulture and landscaping so exciting and appealing.

Whether your workplace is a field of growing crops, a desk in a high-tech city centre office or a championship golf course, you'll have plenty of options to branch out and specialise in one of the world's fastest growing industries. Some of the possible careers you could go on to include:

- ✓ Botanist
- ✓ Garden designer
- ✓ Landscape architect
- ✓ Park supervisor
- ✓ Nursey production technician

Experienced
landscape architects
earn up to £45,000 a year*

*Source: National Careers Service



Student success

Nathan Webster

Qualifications:

Level 3 Diploma in Horticulture 2017

BSc (Hons) Landscape Architecture 2020

Awards:

British Association of Landscape Industries award 2019

Pro Landscaper's 30 Under 30: The Next Generation 2021

RHS Young Designer of the Year 2023

Job title:

Lead Landscape Architect
Wright Landscapes Limited



"Landscape Architecture isn't just about designing beautiful spaces, it's about designing and overseeing projects which meet the needs of people and the environment."

"Recent events have shown how important trees and plants are for people's mental and physical health, and for the health of the planet. As well as creating personal gardens for clients I'm interested in cityscapes, where you can be creative while making cities greener, healthier and more sustainable."

"I owe a lot to the five years I spent at Reaseheath – I gained so much confidence in my own ability. My diploma prepared me for my future life and my degree taught me how to prepare designs from client briefs."

"Being part of the student design and build team for Reaseheath's show gardens at RHS Tatton Flower Show was great experience and set me up for success there with my own show gardens."

Find out more about studying
Horticulture and Landscape at Reaseheath College
reaseheath.ac.uk/horticulture-and-landscape

T Levels at Reaseheath College

T Levels are exciting new technical qualifications, equivalent to three A Levels, which give you the knowledge and hands-on experience needed to become career ready in your subject area.

Not only have these industry focused qualifications been designed with employers, but they also include 315 hours of industry placement over the two years, to give you an invaluable introduction to the workplace in preparation for your future career.

Throughout your T Level you will also learn from our highly experienced tutors, use the state-of-the-art facilities we have on campus, and receive all the help you need from our specialist support staff.

T-LEVELS
THE NEXT LEVEL QUALIFICATION

*Students must be 18 years old before 31 August of the academic year you start.

For more information about studying a T Level at Reaseheath College, and to see what other T Levels we offer, visit our website at:
reaseheath.ac.uk/further-education/t-levels

Who can study a T Level?

T Levels can be studied by anyone aged 16 — 19* or up to the age of 24 for students who have an Education, Health and Care Plan (EHCP).

Which T Levels are offered at Reaseheath College?

In Reaseheath's Academy of Land and Environment, we offer the following T Levels:

- ✓ Agriculture
(with Livestock pathway)
- ✓ Tree and Woodland
Management and Maintenance

T Level Transition Programme

If you don't quite get the grades needed for a T Level, don't worry. We also offer a one-year T Level Transition Programme in the course areas above, which will develop your skills, knowledge and behaviours needed to progress onto a T Level.



**Whichever course in the
Academy of Land and
Environment you choose
at Reaseheath College,
you will benefit from
our amazing facilities,
advanced technologies
and strong industry
expertise, ensuring you
are ready for a great career.**

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