

Course Summary: May 22, 2025

Agriculture BSc Honours

- UCAS code: **D400**
- Full time
- 3 years

This degree gives you a broad overview of agriculture and offers modules across our three specialist areas: agronomy; animal production science; and farm business management.

You are currently viewing course information for entry year: **2025**

Next start date:

- September 2025

Tuition fees (Year 1)

- Home: **£9,535**
- International: **£30600**

Entry requirements and offers

- A-Level: **ABB**
- IB: **32 points**

[View contextual offers](#)

UCAS Institution name and code:

- NEWC / N21

Course overview

Agriculture is at the centre of many of the challenges facing modern society - including climate change, food security and increasing world population - and is a diverse area of study.

Our rich curriculum includes a broad range of topics spanning plant biology, soil science, nutrition, management, accounting and law.

You can also boost your employability and professional skills with an optional placement year in industry or the commercial sector.

We are a leading university for agriculture and you'll benefit from fantastic facilities, including two University farms.

Your course and study experience - disclaimers and terms and conditions

Please rest assured we make all reasonable efforts to provide you with the programmes, services and facilities described. However, it may be necessary to make changes due to significant disruption, for example in response to Covid-19.

View our [Academic experience page](#), which gives information about your Newcastle University study experience for the academic year 2024-25.

See our [terms and conditions and student complaints information](#), which gives details of circumstances that may lead to changes to programmes, modules or University services.

Quality and ranking

Professional accreditation and recognition

All professional accreditations are reviewed regularly by their professional body.

Modules and learning

Modules

The information below is intended to provide an example of what you will study.

Most degrees are divided into stages. Each stage lasts for one academic year, and you'll complete modules totalling 120 credits by the end of each stage.

Our teaching is informed by research. Course content may change periodically to reflect developments in the discipline, the requirements of external bodies and partners, and student feedback.

Optional module availability

Student demand for optional modules may affect availability.

Full details of the modules on offer will be published through the [Programme Regulations and Specifications](#) ahead of each academic year. This usually happens in May.

To find out more please [see our terms and conditions](#)

You study the fundamental scientific and quantitative aspects of the subject, covering topics including plant biology, animal science and agri-business economics.

We also introduce you to laboratory work and IT applications for applying statistical techniques to agricultural data. A series of visits to the University farms provides first-hand insight into the practical aspects of agriculture.

Modules

Compulsory Modules	Credits
Crop Health	10
Introduction to Business Management	10
Agri-Food Supply Chains	10
Animal Health	10
Introduction to Animal Physiology	10
Sustainability in Practice	20
Academic and Professional Skills	20
Introduction to Sustainability	20
Plants, Environment, Agriculture	10

You apply your knowledge to animal and crop husbandry and farm management, covering topics such as animal breeding, arable crop production and agricultural marketing. Visits to University and other farms continue, reinforcing your learning with practical experience.

You can take a crop pests field course, focusing on insect, fungal and weed pests that affect crops.

Modules

Compulsory Modules	Credits
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Arable Crops	10
Farm Business Management	10
Principles of Agronomy and Crop Improvement	10
Animal Feed Science and Technology	10
Domestic Animal Reproduction and Genetic Improvement	10
Sustainable animal production systems	20
Agricultural Economics and Policy	10
Dissertation and Research Preparation	10
Soil and Ecosystem Science	10
Sustainable Solutions	10

You choose topics from our specialisms, according to your interests, this allows you to maintain a broad view of agriculture. You will also complete your dissertation in an area of interest.

Modules

Compulsory Modules	Credits
Applied Farm Business Management	20
Dissertation	30
Optional Modules	Credits
Law and Land Use	10
Career Development for final year students	20
Landscape, Culture and Heritage	20
Qualitative Research Methods	10
Pollution of Air, Water & Soil	10
Biodiversity, Ecology and Conservation	20

Crops	20
Farm Business Consultancy	20
Applied Crop Protection	10
Agronomy Field Course	10
Forage Utilization	10
Animal Science Conference - Current Issues and Debates	20
Reproduction in Farm and Companion Animals	10
Applied Animal Nutrition	10
Your Future - occupational awareness	10
Animal Welfare and Behaviour	20
Agritech & Precision Farming	10
Countryside Management	20
Sustainable Development and Environmental Valuation	10
Advances in Plant Science Research	20

Information about these graphs

We base these figures and graphs on the most up-to-date information available to us. They are based on the modules chosen by our students in 2024-25.

Teaching time is made up of:

- scheduled learning and teaching activities. These are timetabled activities with a member of staff present.
- structured guided learning. These are activities developed by staff to support engagement with module learning. Students or groups of students undertake these activities without direct staff participation or supervision

Teaching and assessment

Teaching methods

Lectures and laboratory practicals will teach you the scientific principles that underpin agriculture.

Visits to the University farms and other local farming businesses will help you to understand the practical application of the theory you learn.

You'll also complete project work and reports, working as an individual and in groups.

Assessment methods

You'll be assessed through a combination of:

- Assignments – written or fieldwork
- Dissertation or research project
- Essays
- Examinations – practical or online
- Group work
- Practical sessions
- Projects

Skills and experience

Practical skills

As a leader in agricultural education since 1891, we have well-founded links with the local farming community, allowing our students access to a range of farming practices.

In Stage 2, you'll also gain hands-on experience managing your own crops and opportunities to take on lambing or harvest jobs.

Business skills

We encourage all our students to take a placement year between Stages 2 and 3. You can spend this year working in the industry or studying abroad.

If you study abroad, you'll join one of our many global partner universities where teaching is in English.

Research skills

To address the problems facing agriculture globally, we conduct research on themes such as:

- ethical and nutritious food
- resource-efficient and resilient production systems
- sustainable landscapes and production systems
- vibrant rural communities and enterprises

You'll also have the opportunity to explore an area of interest in your final year dissertation.

Opportunities

Study abroad

You can gain a global perspective and enhance your academic profile by studying abroad. This opens doors to exciting new experiences. Study abroad for one semester or a full academic year at one of our partner universities overseas.

Study abroad usually takes place in stage 3 of your studies and extends your degree by one year. You can also choose short-term global opportunities like summer schools, virtual exchanges or internships that usually take place over the summer months.

[Find out more about study abroad.](#)

Work placement

Apply your practical skills, increase your confidence and gain real-life work experience to accelerate your career. Take a 9-12-month industrial placement in the UK or abroad. Work placements usually take place in stage 3 of your studies and extend your degree by one year.

[Find out more about work placements.](#)

Facilities and environment

Facilities

Agriculture is based in the [School of Natural and Environmental Sciences](#) at our city-centre campus. During your studies, you'll have access to two commercial farms near Newcastle.

Our University farms, Cockle Park Farm and Nafferton Farm, will give you an insight into how real-world farms operate, so you're prepared for your future. Our farms are used for research, teaching and demonstration.

You'll have the opportunity to access modern laboratories equipped with industry-standard equipment. You'll also use [NU-Food](#), our food and consumer research facility.

You'll be able to use our computing facilities, including computers running industry-standard software used in agriculture businesses, to help ensure you're career-ready.

Support

You'll have the support of an academic member of staff as a personal tutor throughout your degree to help with academic and personal issues.

Peer mentors will help you in your first year. They are fellow students who can help you settle in and answer any questions you have when starting university.

There's also a staff-student committee, to give you an opportunity to have a say in how your degree works.

Your future

As a Newcastle University agriculture graduate, you will be held in high regard in the industry and have many career options open to you.

Graduates from agriculture have gone into farm management roles, service and supply industries as well as research, advisory and consultancy work in the public and private sector.

Many have found employment in prestigious national and multinational companies such as:

- Velcourt
- Sentry Farming
- Bidwells
- Andersons
- Strutt and Parker
- Agrovista
- Syngenta
- Brown & Co
- Grays

Enterprising students

Careers support

Our Enterprise Challenge gives students the opportunity to work with industry on a project that tackles real-world issues. Watch the above video to find out more.

Our Careers Service is one of the largest and best in the country, and we have strong links with employers. We provide an extensive range of opportunities to all students through our ncl+ initiative.

[Visit our Careers Service website](#)

Recognition of professional qualifications outside of the UK

From 1 January 2021 there is an update to the way professional qualifications are recognised by countries outside of the UK

[Check the government's website for more information.](#)

Find out more...

- Go online for information about our full range of degrees:
www.ncl.ac.uk/undergraduate
- To watch videos about student life in Newcastle, visit
www.ncl.ac.uk/lovenewcastle
- Visit **www.ncl.ac.uk/tour** to take virtual tours of the campus and city
- Book for an Open Day to come and see us in person
www.ncl.ac.uk/openday
- Contact us online at **www.ncl.ac.uk/enquiries** or phone +44 (0)191 208 3333

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www.ncl.ac.uk/pre-arrival/regulations

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