Agriculture with Agronomy
BSc Honours

A world-class university in a world-famous city

UCAS code D444
3 Years

www.ncl.ac.uk/ug/D444
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On this degree, you’ll study the science of crop production and soil management, and how it can lead to improvements in crop yield and quality.

You study wide-ranging agriculture topics in your first two years, exploring plant biology, soil science, nutrition, management, accounting and law.

In your third year you specialise in agronomy, learning about the production and protection of a wide range of crops (such as cereals, pulses and field vegetables).

You learn about the factors influencing major arable crops, both in the classroom and through visits to commercial and research organisations.

You’ll also learn how to meet economic needs and consumer demand, and understand the impact of changing climatic conditions.

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

Highlights of this degree

Quality and ranking
• 4th in the UK – The Complete University Guide 2020 (Agriculture and Forestry category)
• 8th in the UK – The Guardian University Guide 2020 (Agriculture, Forestry and Food category)
• 5th in the UK – The Times/Sunday Times Good University Guide 2020 (Agriculture and Forestry category)
• 92nd – Life Sciences category – Times Higher Education World University Rankings by Subject 2018
• top 150 – Agriculture and Forestry category – QS World University Rankings by Subject 2019

Flexible degree structure
The first and second years are the same for students on all four of our agriculture degrees.

Our flexible degree structure means it is possible to transfer between any of our agriculture degrees up to the end of Stage 2 if you would like to.

See the Course Details section for more information about what you will study at each stage.
Facilities and support
This degree is run by the School of Natural and Environmental Sciences.

Facilities
Our facilities include:

- The Farms, a mixed farm facility in Northumberland, a short distance from Newcastle
- NU-Farms Research, comprising two main farm units in the Tyne Valley
- well-equipped modern laboratories, for teaching and research
- nu-food, our food and consumer research facility
- computing facilities, including computers running industry-specific software relevant to careers in agriculture

Our two University farms are used for research, teaching and demonstration.

Support
To support you in your studies, all new students entering year 1 or year 2 will receive a tablet. This enables you to download the online learning resources you’ll need for your course and helps us to make our campus more sustainable.

You will have an academic member of staff as a personal tutor throughout your degree. They can 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.

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

Social activities
A student-led Agric Society organises regular social events, and it’s a friendly cohort of students.

Course Details

Modules for 2019 entry

Please note
The module and/or programme information below is for 2019 entry. Our teaching is informed by research and modules change periodically to reflect developments in the discipline, the requirements of external bodies and partners, student feedback, or insufficient numbers of students interested (in an optional module). To find out more read our terms and conditions.

Module/programme information for 2020 entry will be published here as soon as it is available (end of May 2020).

Our degrees are divided into Stages. Each Stage lasts for an academic year and you need to complete modules totalling 120 credits by the end of each Stage. Further information, including the credit value of the module, is available in each of the module descriptions below.

Stage 1

Compulsory modules
ACE1006 Introductory Business Economics
ACE1008 Environment and Land Resources
ACE1055 Introduction to Agricultural Mechanisation
ACE1022 Crop Pests
ACE1033 Introduction to Business Management
ACE1040 Academic and Professional Skills
ACE1041 Investigating Agri-Food Systems From Farm to Folk
ACE1042 Animal Health
ACE1044 Introduction to Animal Physiology
ACE1046 Plants, Environment, Agriculture

Stage 2

Compulsory modules
ACE2006 Agricultural Economics
ACE2010 Agricultural Markets
ACE2018 Arable Crops
ACE2020 Introduction to Farm Management
ACE2024 Principles of Agronomy and Crop Improvement
ACE2028 Animal Feed Science and Technology
ACE2063 Managing Soils in Agricultural Systems
ACE2076 Sustainable Animal Production Systems
ACE2066 Academic and Professional Skills 2

Newcastle’s attractive city centre is just minutes from campus.
Stage 2

ACE2068  Domestic Animal Reproduction and Genetic Improvement

If you wish to take ACE3037 Crop Pests Field Course at Stage 3, please note that this module will take place at the end of the Semester 2 assessment period of Stage 2.

Work Placement (optional)

You can apply to spend 9 to 12 months on an optional work placement between Stages 2 and 3. You can apply to spend your placement year with any organisation and will receive University support to do so. It will extend your degree by a year and is subject to availability. Find out more on about Work Placements.

If you choose to take this option, you will take the following module:
NCL3000 Careers Service Placement Year Module

Stage 3

Compulsory modules
ACE3023  Combinable Crops
ACE3034  Applied Crop Protection
ACE3037  Crop Pests Field Course
ACE3085  Non-Combinable Crops
ACE3087  Site Specific Crop Management in Arable UK Production Systems
ACE3098  Agriculture Dissertation

You take 30 credits of optional modules from the following:
ACE3036  Farm Management
ACE3088  Forage Utilisation
LAW2053  Law and Land Use

Assessment methods

Assessment is by formal examination at the end of each semester and by continuous assessment based on projects and essays. The continuous assessment can account for half of your total marks, particularly in the final year.

Find out more

Visit our Teaching & Learning pages to read about the outstanding learning experience available to all students at Newcastle University.

Careers

Agronomy careers

Newcastle agriculture graduates are highly regarded in the world of agriculture and related industries and as a result have a wide choice of careers open to them.

Whilst many graduates are employed in farm management or go on to manage their own farms, others use the breadth of skills and experience that they develop during their degree to follow a range of opportunities in the service and supply industries. These include research, and advisory and consultancy work with public and private organisations.

Graduates also find employment in commercial companies supplying fresh and processed produce, seeds, fertilisers, agrochemicals, animal feedstuffs, veterinary products and equipment.

Building on their background in economics, business studies and farm and estate management, some of our students enter careers in finance where they are particularly well equipped to work as agricultural specialists.

We are confident that Newcastle agriculture graduates have the breadth of knowledge and skills needed to succeed in whatever they choose to do.

Some of our recent graduates have gone on to a variety of positions such as: agronomist, Agrovista UK Ltd; farm management consultant, Brown and Co; reserves officer, Durham Wildlife Trust; Director of Rural Research, Bidwells Property Consultants; higher executive officer, DEFRA; farm manager, Co-operative Farms; and animal nutritionist, Harbro Ltd.

Find out more about the career options for Agronomy from Prospects: The UK’s Official Careers Website.

What our graduates go on to do: employment and further study choices

See what our recent graduates went on to do and view graduate destinations statistics. These statistics are based on what graduates were doing on a specific date,
approximately six months after graduation. Take a look at the most recent data available for our graduates.

The destination data is available in varying levels, beginning with the University and moving through Faculty and School down to individual course reports. This final level may give you some useful ideas about possible options after your course or a course you are considering.

**Careers and employability at Newcastle**

Newcastle University consistently has one of the best records for graduate employment in the UK. 96% of our 2017 UK-domiciled UG/PG graduates progressed to employment or further study within six months of graduating.

85.5% of our graduates are in graduate level employment or further study within six months of graduating.

We provide an extensive range of opportunities to all students through an initiative called ncl+. This enables you to develop personal, employability and enterprise skills and to give you the edge in the employment market after you graduate.

Our award-winning Careers Service is one of the largest and best in the country, and we have strong links with employers.

**Fees & Funding**

**Tuition Fees (UK students)**

2020 entry: £9,250

For programmes where you can spend a year on a work placement or studying abroad, you will receive a significant fee reduction for that year.

Some of our degrees involve additional costs which are not covered by your tuition fees.

Please note:

The maximum fee that we are permitted to charge for UK students is set by the UK government.

As a general principle, you should expect the tuition fee to increase in each subsequent academic year of your course, subject to government regulations on fee increases and in line with inflation.

See more information on all aspects of student finance relating to Newcastle University.

**Tuition Fees (EU students)**

2020 entry: £9,250

You will pay the same tuition fees as UK students for the duration of your course.

For programmes where you can spend a year on a work placement or studying abroad, you will receive a significant fee reduction for that year.

Some of our degrees involve additional costs which are not covered by your tuition fees.

Please note:

As a general principle, you should expect the tuition fee to increase in each subsequent academic year of your course, subject to government regulations on fee increases and in line with inflation.

See more information on all aspects of student finance relating to Newcastle University.

**Tuition Fees (International students)**

2020 entry: £22,800

*Please note:

You will be charged tuition fees for each year of your degree programme (unless you are on a shorter exchange programme).

The tuition fee amount you will pay may increase slightly year on year as a result of inflation.

If you spend a year on placement or studying abroad as part of your degree you may pay a reduced fee for that year.

See more information on all aspects of student finance relating to Newcastle University.

**Scholarships and Financial Support (UK students)**

You may be eligible for one of a range of Newcastle University Scholarships in addition to government financial support.

Newcastle University Scholarships

Government financial support

**Scholarships and Financial Support (EU students)**

You may be eligible for one of a range of Newcastle University Scholarships in addition to government financial support.

Newcastle University Scholarships

Government financial support

**Scholarships and Financial Support (International students)**

We offer a range of scholarships to eligible international students:

Vice-Chancellor’s International Scholarships
Scholarships and Financial Support
(International students)

Vice-Chancellor’s Excellence Scholarships
Vice-Chancellor’s Global Scholarships
We also offer International Family Discounts which are available for all international students with a close family member who has graduated from or is now studying at Newcastle University.

Newcastle University offers Sanctuary Scholarships for eligible undergraduate students (excludes MBBS and BDS students) from asylum-seeker and refugee backgrounds.

Some of our subject scholarships and sports scholarships are also available for international students.

Apply

Applying to Newcastle University through UCAS
To apply for undergraduate study at Newcastle you must use the online application system managed by the Universities and Colleges Admissions Service (UCAS).

UCAS codes for Newcastle University
- institution name - NEWC
- institution code - N21

UCAS buzzword
Ask your teacher or adviser from your school or college for the UCAS buzzword. You need the buzzword when you register on the Apply system. This makes it clear which school or college you are applying from.

All UK schools and colleges and a small number of EU and international establishments are registered with UCAS.

If you are applying independently, or are applying from a school or college which is not registered to manage applications, you will still use the Apply system. You will not need a buzzword.

Making your application
On the UCAS website you can also find out more about:
- application deadlines and other important dates
- offers and tracking your application

Application decisions and enquiries
Find out more about our admissions process and who to contact if you need help with your application.