Agricultural Sciences and Agricultural Business Management

Discover it

Apply it

nottingham.ac.uk/biosciences
Undergraduate guide 2019
Teaching staff also advise government bodies and institutions including DEFRA and the Agricultural Industries Confederation (AIC).

Extensive links with companies and institutions including ADAS, Agrii and AB-Agri Ltd.


New £5m purpose built teaching laboratory.

Centre for Dairy Science Innovation.

450 hectare University Farm and Dairy Centre with arable crops, 200 robotically milked cows, a sheep flock and environmental stewardship land.

Opportunity to study abroad at our Malaysia Campus or an international partner university.
Discover agricultural sciences at Nottingham

Voted 1st for our agricultural courses in The Complete University Guide 2019. Our courses offer a unique opportunity to develop your understanding of agriculture, from the science and production of crops and animals to the management skills needed to work in agricultural businesses and related industries.

Teaching and research
You will be taught by subject specialists who are active researchers in the most rapidly developing areas of agriculture and agricultural business management. Many of our academic staff are also expert advisors to government institutions, industry, and other national and international bodies.

Industry connections
We are taking the national lead for dairy research as the Centre for Dairy Science Innovation. This has led to considerable investment and expansion in our dairy centre to deliver world leading research in livestock health and production to deliver improved food security and farming sustainability. You will benefit from our extensive links with companies and institutions.

We work collaboratively with independent agricultural consultancy ADAS, agronomy service and strategic advisers Agrii and the UK’s leading farming and land management business Farmcare Ltd. You will have visits and guest lectures from our industry connections, such as John Deere, the National Farmers’ Union, Brown and Co, and industry bodies PGRO and BBRO.

Study abroad and industry placement opportunities
You have the opportunity of taking a year in industry between years two and three of your degree, extending your degree to a four year programme. In addition, there are a variety of study abroad opportunities in the school depending on your subject you can:

- apply to spend part of your second year at the University’s Malaysia Campus
- apply to spend a semester at one of our international partner universities
- study abroad for an additional year
- choose one of our international degree options
- or take part in a summer school

For more information see pages 16-17.

Year in computer science
You can combine this degree with an extra year (between years two and three) spent in the University’s School of Computer Science. This is designed to provide you with training in software development and computing skills relevant to your final year research project and to your future career. You will be able to transfer into this programme from your BSc course (subject to progression criteria).

Why study with us?

Our courses

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<tr>
<th>Degree title</th>
<th>UCAS code</th>
<th>Duration</th>
<th>A levels</th>
<th>IB</th>
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<td>Single honours</td>
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<tr>
<td>BSc Agriculture</td>
<td>D400</td>
<td>3 Years</td>
<td>ABB-BBB*</td>
<td>32-30</td>
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<tr>
<td>BSc Agricultural and Crop Sciences</td>
<td>D409</td>
<td>3 Years</td>
<td>ABB-BBB**</td>
<td>32-30</td>
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<td>BSc Agricultural and Livestock Sciences</td>
<td>D420</td>
<td>3 Years</td>
<td>ABB-BBB**</td>
<td>32-30</td>
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<tr>
<td>BSc Integrated Agricultural Business Management</td>
<td>D40A</td>
<td>3 Years</td>
<td>ABB-BBB*</td>
<td>32-30</td>
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<tr>
<td>BSc Integrated Agricultural Business Management (with Year in Industry)</td>
<td>D40B</td>
<td>4 Years</td>
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<tr>
<td>BSc International Agricultural Science</td>
<td>D703</td>
<td>3 Years</td>
<td>AAB-ABB*</td>
<td>34-32</td>
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</tbody>
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* Including two science-based subjects (business studies, economics, geography and maths also accepted). Psychology accepted if combined with biology, geography or chemistry.
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We may also consider ABC depending on predicted grades in specific subjects. Citizenship studies, critical thinking, general studies and leisure studies not accepted. A pass is required in science practical tests, if assessed separately.

Foundation courses
Applicants who are not eligible for direct entry to undergraduate study may be able to apply for a foundation course. Find out more at nottingham.ac.uk/foundationcourses

English language requirements
IELTS 6.5 (no less than 6.0 in any element). For details of other English language tests and qualifications we accept, please see nottingham.ac.uk/go/alternativeresources

Academic English preparation
If you require additional support to take your language skills to the required level, you may be able to attend a preessional course at the Centre for English Language Education, which is accredited by the British Council for the teaching of English in the UK.

Students who successfully complete the preessional course to the required level can progress onto their chosen degree course without retaking IELTS or equivalent. Find out more at nottingham.ac.uk/cele

Nottingham stood out to me because of the opportunities to combine my passion for agriculture with my love of languages, which I did during my Erasmus year in France. Coming from a non-farming background, the range of modules on offer in various aspects of crop science, livestock production and business was also an important factor, and has given me a good foundation and skill set on which to develop my future farming career.

Emily Davis, BSc Agriculture

nottingham.ac.uk/ceu

nottingham.ac.uk/ugstudy/biosciences
# BSc Agriculture

Combining a core programme of crop and animal production with business management and marketing, our course offers considerable flexibility to enable you to focus on your area of interest.

At Nottingham, we take an applied approach, building up your science, business and practical knowledge over the three years of the course.

## Year one

The first year provides an essential base of knowledge in agricultural sciences, from the biological processes that make up plant and animal life, through cells, whole plants and animals, to the application of agricultural science to food production and global food security.

Applied modules covering agricultural systems, grassland management, the ecology of natural and managed ecosystems, research skills and employability put your science into context with the current situation on farms. You can choose to follow the Agriculture Production pathway or the Business Management pathway.

## Years two and three

In the second and third years, your study is based around a core of applied modules in animal production, crop production, business management and marketing, and related subjects such as soil science.

You can choose from a wide range of optional modules across the following areas:

- **Animal production**: teaching covers ruminant and non-ruminant production, animal health and disease management, reproduction and fertility in livestock, animal nutrition and bioethics.
- **Business management**: you will study economics and policy, the management of people and technology, marketing, rural business management and consultancy, all within the context of agricultural business.
- **Crop production**: you will cover soil science, cereal and non-cereal crops, plant growth and physiology, pest and disease management, with other specialised modules available.

The research project is an important part of your degree, with the opportunity to get involved in the agricultural science or business management research work in the School of Biosciences, one of the country’s top agricultural research centres. You choose your project to suit your interests, and your research can be undertaken on the University Farm or as part of an industry placement year.

On this course, you can go on an industry placement and/or study abroad.

## Modules

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<th>Typical modules</th>
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<td><strong>Year one</strong></td>
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<tr>
<td><strong>Core</strong></td>
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<td>Contemporary Agricultural Systems</td>
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<td>The Biosciences and Global Food Security</td>
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<td>Animal Biology</td>
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<tr>
<td>Biosciences Tutorials/Foundation Science</td>
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<td><strong>Core: Agriculture Production Pathway</strong></td>
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<td>Biochemistry – The Building Blocks of life</td>
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<td>Plant Science</td>
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<td>Genes and Cells One</td>
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<td><strong>Core: Business Management Pathway</strong></td>
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<td>Agricultural Business in the Global Economy</td>
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<td>Integrated Agri-Food Markets and Marketing</td>
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<td>Applied Animal Science</td>
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<td>Economic Analysis for Agricultural and Environmental Sciences</td>
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<td>Soil Science</td>
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<tr>
<td>Applied Plant and Physiology From Cell to Crop</td>
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<td>Professional Skills for Bioscientists</td>
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<tr>
<td>Applied Agricultural and Food Marketing</td>
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<td><strong>Optional</strong></td>
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<tr>
<td>Enterprise Management Challenge</td>
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<tr>
<td>Principles of Animal Health and Disease</td>
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<tr>
<td>Computer Modelling in Science: Introduction</td>
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<td>Plant Pets and Diseases</td>
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<td>Practical Policy Making</td>
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<tr>
<td>Other modules by approval of course manager.</td>
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<td><strong>Year three</strong></td>
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<td><strong>Core</strong></td>
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<td>Research Project</td>
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<td><strong>Optional</strong></td>
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<td>Agronomy Case Study</td>
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<td>Agronomy Field Course</td>
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<td>Field Crops Cereals</td>
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<td>Rural Business Management</td>
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<tr>
<td>Applied Bioethics One: Animals, Biotechnology and Society</td>
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<td>Companion Animal Science</td>
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<td>Animal Nutrition</td>
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<tr>
<td>Current Issues in Crop Science</td>
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<td>Management Consultancy</td>
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<tr>
<td>Genetic Improvement of Crop Plants</td>
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<td>Human and Technological Resource Management</td>
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<td>Reproduction and Fertility</td>
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<tr>
<td>Applied Bioethics Two: Sustainable Food Production, Biotechnology and the Environment</td>
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<tr>
<td>Plants and the Soil Environment</td>
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<tr>
<td>Plant Diseases Control</td>
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</table>

Modules may change, for example due to curriculum developments. The above list is a sample of typical modules that we offer, not a definitive list. The most up to date information can be found on our website at [nottingham.ac.uk/ugstudy/biosciences](http://nottingham.ac.uk/ugstudy/biosciences)
**BSc Agricultural and Crop Science**

**Environmental challenges, production of biofuels, and the growing demand for major food crops such as wheat and rice, make crop science a vital subject for our future well being.**

You will learn about the science, production and management of crops, from genes and cells through to fields, farms and the development of new crops for the future.

We take an applied approach, emphasising how scientific principles can be applied in practice in the field. The Enterprise Management Challenge module is based at the University Farm, where you can grow, manage and market your own crop of wheat. The course includes visits to commercial and research organisations as well as regularly drawing upon the expertise and experience of industry speakers. Your final-year research project offers the opportunity to become involved in the research activities of one of the country’s top agricultural research centres.

**Year one**

You will develop your knowledge of the biological sciences that underpin crop production and set this knowledge within the wider agricultural environment, including modules in ecology and contemporary agriculture.

**Years two and three**

From year two, you will be increasingly developing your scientific understanding and applying it to crop management. For example, the Agronomy Field Course which takes place in June when crops are growing rapidly. The trips focus on a particular crop and how growers can use an understanding of crop physiology to inform their crop management practices.

One of our most popular visits is always The Holkham Farming Company where we are joined by Mark Stevens, Head of Science at BBRO to discuss management of sugar beet.*

You can start your research project in year two. This will allow you to spend a full growing season studying a field crop for your research, which will continue into year three.

**Research project**

You choose your project to suit your interests, and your research can be undertaken on the University Farm or as part of an industry placement year.

**Recent examples of research projects include:**

- Biodiversity in organic cropping systems
- Drivers of profitability and efficiency in UK crop production
- The effects of canopy architecture on the photosynthetic activities of wheat

**Typical modules**

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<tr>
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<td>Contemporary Agricultural Systems</td>
<td>Plants Pests and Diseases</td>
<td>Research Project</td>
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<td>The Biosciences and Global Food Security</td>
<td>Economic Analysis for Agricultural and Environmental Sciences</td>
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<td>Genes and Cells One</td>
<td>Soil Science</td>
<td>Field Crops Cereals</td>
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<td>The Ecology of Natural and Managed Ecosystems</td>
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<td>Grassland Management</td>
<td>Professional Skills for Bioscientists</td>
<td>Agronomy Case Study</td>
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<td>Biosciences Tutorials/Foundation Science</td>
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<td>Biochemistry – The Building Blocks of life</td>
<td>Enterprise Management Challenge</td>
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<td>Plant Science</td>
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<td>Plants and the Light Environment</td>
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<tr>
<td>Plant Science Research Tutorials</td>
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<td>Management Consultancy</td>
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</tbody>
</table>

**Optional**

- Genetic Improvement of Crop Plants
- Plants and the Soil Environment
- Plant Disease Control
- Human and Technological Resource Management

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*There is a small additional charge for the Agronomy Field Course which covers overnight accommodation. In 2017 this was around £50.*

nottingham.ac.uk/ugstudy/biosciences
BSc Agricultural and Livestock Science

Our agricultural and livestock science degree is designed for those students who are interested in the more applied aspects of animal science – the production and management of commercial livestock within animal-based agricultural systems.

The course will develop your scientific understanding of the nutrition, physiology and production of animals and how they interact with their physical environment. This scientific approach is combined with modules in business management so that you will also gain an understanding of how to manage groups of animals from a business and consultancy perspective. As part of our applied approach, teaching and field trips involve staff from a wide range of commercial businesses.

The on-campus University Farm has dairy and sheep enterprises. Our Dairy Centre is the UK’s Centre for Dairy Science Innovation, which formed in Spring 2016 as part of the national Centre for Innovation Excellence in Livestock. Our Dairy Centre builds on Nottingham’s existing strengths and brings together our expertise in Dairy Science, Dairy Herd Health and Welfare and Dairy Food Science.

Year one
In the first year, you follow a broad base of modules in the biological sciences, providing an essential building block for future study.

You will take agriculture and animal specific modules from year one, and combine these with a strong foundation in biological sciences to allow you to develop your knowledge further. For example, you will learn about animal biological systems in Animal Biology and have hands-on experience in safe animal handling.

Years two and three
From your second year, you will continue to develop your scientific understanding of livestock with modules such as Applied Animal Science and Livestock Production Science. Across years two and three, you will learn and apply your knowledge of livestock systems from production, management and business perspectives. You will also have the opportunity to gain more hands-on experience, such as through modules like Enterprise Management Challenge. In this module, you can help manage our sheep flock by pregnancy scanning the ewes to make better feed management decisions.

A major part of your degree in year three is your research project. This can offer the opportunity to become involved with current research at our Dairy – one of four UK Centres of Agricultural Innovation.

Examples of recent student projects include:
- Is diversification a viable option for UK dairy farmers?
- Assessing the use of a mobile NIR device to measure fresh grass quality in real-time
- The relationship between milk yields, variable costs and the overall profitability of dairy
- An investigation into English and Welsh sheep farmer opinions on Schmallenberg virus

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BSc Integrated Agricultural Business Management

Equip yourself with the business knowledge, latest agricultural science and technology developments to become future managers and leaders in agriculture and related industries.

Our course integrates business management and agricultural science, providing you with the skills needed for leaders in the agricultural industry. You will apply business and science to real-life farms, give presentations to businesses, participate in policy workshops and have opportunities to test out your own innovative business ideas. The business modules are taught by agricultural business specialists within the School of Biosciences, so your learning is always within the context of the agricultural industry.

A key element of your degree is your individual research project. Within the agricultural business management subject you can tailor your research project to your own interests. Your project may use data collected from the Farm Business Survey, work with a company or organisation, or you may choose to research a business aspect of the 450-hectare University Farm.

Year one
The first year explores the fundamental basis of agri-food markets, the influence of finance and commerce on agriculture and introduces systems approaches to farm business management.

You will develop your understanding of the biological processes essential to understanding plants and animals, and examine food production and global food security issues. We also introduce you to the research and employability skills needed for your studies and future careers.

Year two
In the second year, you will study aspects of agri-business enterprise and innovation, agricultural and food marketing, practical policy making, agricultural economics, and human and technological resource management. You will develop your professional and research skills through a structured applied module. You can choose options which focus on applied animal or crop production, or learn about wider societal or business issues.

Year in industry
The four-year BSc Integrated Agricultural Business Management with Year in Industry degree includes a paid placement year in industry where you will develop your understanding relating to your degree. This experience will provide valuable insights into industry and you will develop a further set of skills to offer potential employers.

Final year
In the final year, taught modules develop a deeper level of understanding of agricultural business management, management consultancy, agri-business strategy and decision making, and allow you to test your own business ideas in a supportive and novel "innovation incubator" environment. Optional choices allow you to extend previous study areas or examine topics beyond the core programme.

Typical modules

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<td>Human and Technological Resource Management</td>
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<tr>
<td>Animal Biology</td>
<td>Professional Skills for Bioscientists</td>
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<tr>
<td>The Ecology of Natural and Managed Ecosystems</td>
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<td>Human and Technological Resource Management</td>
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<td>Grassland Management</td>
<td>Optional</td>
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<td>Biosciences Tutorials/Foundation Science</td>
<td>Applied Plant Physiology: from Cell to Crop</td>
<td>Field Crops Cereals</td>
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<td>Applied Animal Science</td>
<td>Agronomy Field Tour</td>
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<td>Climate Change Science</td>
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<td>Principles of Animal Health and Disease</td>
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The four-year programme includes a built-in industry placement. You can also study abroad.

nottingham.ac.uk/ugstudy/biosciences
BSc International Agricultural Science

An exciting opportunity to study abroad for a full year as part of a three year degree programme.

Globally, agricultural businesses face the same challenges but in different contexts and environments. Our degree offers a unique opportunity to develop your understanding of agriculture, from the science and production of crops and animals to the management skills needed to work in agricultural businesses and related industries, all from an international perspective.

Year one
The first year provides an essential base of knowledge in agricultural sciences, from the biological processes that make up plant and animal life, through cells, whole plants and animals, to the application of agricultural science to food production and global food security. Applied modules covering agricultural systems, grassland management, the ecology of natural and managed ecosystems, research skills and employability put your science into context with the current situation on farms.

Crop production: you learn about soil science, cereal and non-cereal crops, plant growth and physiology, pest and disease management, with other specialised modules available.

Research project
The research project is an important part of your degree, with the opportunity to get involved in the agricultural science or business management research work in the School of Biosciences, one of the country’s top agricultural research centres.

You choose your project to suit your interests, and your research can be undertaken on the University Farm or as part of an industry placement year.

Examples of recent student projects include:
- Using X-ray µ-CT to compare the effects of Rhizoctonia cerealis, Microdochium nivale and Fusarium species on the root architecture of wheat seedlings
- Could NDVI data help to develop a sugar beet yield benchmarking tool for growers?

Year two (year abroad)
Your second year will be spent studying at one of our international partner universities, including Canada, New Zealand, Australia and the USA, where you’ll take modules to build your understanding of international agriculture (subject to progression criteria).

Year three
In the third year, you can choose from a wide range of applied modules in animal production, crop production, business management and marketing, and related subjects such as soil science.

Animal production: teaching covers ruminant and non-ruminant production, animal health and disease management, reproduction and fertility in livestock, animal nutrition and bioethics.

Business management: you study economics and policy, the management of people and technology, marketing, rural business management and consultancy, all within the context of agricultural business.

Crop production: you learn about soil science, cereal and non-cereal crops, plant growth and physiology, pest and disease management, with other specialised modules available.

Research project
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On this course, you can go on an industry placement and/or study abroad and/or do a year in computer science.

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I had a truly memorable time in Australia, the highlights being the sustaining landscapes module which included a field trip to the Snowy Mountains, and the agronomy module which I really enjoyed.

Annabel Hunt,
BSc International Agricultural Science
Annabel studied abroad at the University of Sydney, Australia
Study abroad

Agricultural sciences is a global subject and studying at the University’s Malaysia Campus or one of our highly ranked university partners abroad will give you the unique opportunity to see your degree from a different perspective.

The School of Biosciences offers a range of study abroad opportunities, including the BSc International Agricultural Science programme where you will spend all of year two at one of Nottingham’s international partner universities.

University-wide exchange programme

Our exchange programme gives you the opportunity to study abroad for the first semester of your second year. Successful candidates will study at one of our highly-ranked partner universities in a variety of locations, including Australia, New Zealand, Canada and the USA. Whilst abroad you study relevant modules that count towards your degree programme. All partners teach in English. You can apply to this programme in your first semester of study.

Malaysia Campus

Agriculture and crop students can apply to spend a semester, or full academic year, at our Malaysia Campus as part of a three-year degree programme. Teaching is in English and the modules and exams are very similar to those in Nottingham. The University’s Malaysia Campus gives you the opportunity to learn about agriculture in a tropical climate, and hosts Crops for the Future, a world-leading centre for diversifying agriculture using under-utilised crops.

nottingham.ac.uk/biosciences/studyabroad

International year

Combining agricultural sciences with an additional international year offers the opportunity to study abroad at one of our partner universities, in France or Spain for example. You can transfer to this four year route in your first semester of study.

Summer schools

You can choose to spend part of your vacation period abroad, attending a summer school at one of Nottingham’s partner universities or at the Malaysia Campus; or volunteering overseas.

Finance

Studying abroad may not be any more expensive than studying in Nottingham if you budget your finances well and take advantage of available funding. There are a number of bursaries and scholarships available to students studying abroad depending on your destination. All students who participate in one of the University’s exchange programmes pay a reduced tuition fee to the University of Nottingham UK during the academic year when they study abroad. No tuition fees are paid to the host university or overseas campus.

Study abroad

Industry placements

A growing number of students in the School of Biosciences take advantage of an optional year in industry between years two and three of their degree, extending their degree to a four-year programme.

This industry placement allows students to develop a range of skills and enhance their employment prospects, while, in the majority of cases, being paid a salary.

During the year in industry you can put your learning into practice, giving you a better understanding of your studies and the chance to enhance your knowledge in an industry setting. A year in industry is rewarding, as you are able to use science and innovation to solve current and relevant problems.

The year’s work experience can be in the UK or abroad, and will significantly improve your employment prospects with many students securing a graduate job as a direct result of their placement year. The BSc Integrated Agricultural Business Management (with Year in Industry) automatically includes this year.

You are treated by your host company just the same as any other employee, being given real responsibility and the opportunity to work independently in a professional setting. You can gain experience of a real workplace including how to communicate with people from a range of backgrounds, work to tight deadlines, manage multiple projects and deal with conflicting priorities.

It's a unique opportunity for you to learn about what you enjoy doing, your strengths and weaknesses, and the kind of environment you like working in, which will put you in a strong position when considering your future career.

The school has excellent links with a wide range of businesses and research institutes. The dedicated School Placement Team works with you in partnership to help you search, apply for and secure a placement, as well as supporting you throughout your placement. Some examples of relevant companies include: KWS Seeds, McDonald’s, BASF, ADAS, Velcourt and AB Agri.

Students who undertake the year in industry have the opportunity to submit a record of their placement to the Science Council – the UK’s professional science body. All students who participate in a year in industry pay a reduced tuition fee to the University of Nottingham during the academic year when they complete a placement.

nottingham.ac.uk/biosciences/placements

"My placement at McDonald's has been an unmissable opportunity which I truly believe has given me an edge over other students when it comes to future graduate job applications. I have been able to gain an idea of exactly which parts of the industry excite me the most, and have made great contacts within all the companies I have been able to work for via this placement. I am so proud to have been part of the McDonald's programme."

Lauren Hladun, BSc Agriculture
Engaging study, incredible results

We want you to have the best possible learning experience, whatever your chosen course of study. In the School of Biosciences, you’ll experience an integrated range of teaching and learning styles, from traditional lectures, practicals, small-group discussions and tutorials to contemporary multimedia and online systems.

Modules

Modules are self-contained units of study that usually run for one semester but some are year-long. All our undergraduate programmes are modular with assessment at the end of each semester. Although some modules are core, you can choose from a range of other optional modules. Depending on your timetable you may also be able to take modules from other schools across the University.

Your personal tutor

You will have a personal tutor who is a member of the academic staff and will take a close interest in your academic progress and general wellbeing. You will be able to talk to your tutor in confidence about academic and other, more general concerns. They can be a valuable source of information, empathy and advice.

Facilities

As a highly successful, research-led school we have excellent laboratory and field facilities, including:

- metabolism laboratories – for nutritional studies with farm animals
- a campus-based University Farm and Dairy Centre – we have a 450-hectare mixed farm, with arable crops, 200+ dairy cows (robotically milked) a sheep flock, environmental stewardship land and new and established woodland
- an extensive glasshouse complex – including the Future Crops Research Unit
- plant and animal tissue culture units – facilities for gene cloning, sequencing and the generation and evaluation of transgenic plants
- James Cameron-Gifford Library at Sutton Bonington Campus
- the Learning Resource Centre – 24-hour IT facilities, including two resource areas with workstations and full audiovisual projection facilities, video and laptop links

How will I study?

Meet your academics

Our academics, here to inspire you

Dr Matt Bell

Assistant Professor of Agricultural Systems

Sustainable ways to produce farm products are central to Matt’s work. His research explores the interaction between components including animal, plant, soil, nutrients, water and climate. He has a passion for enhancing agricultural systems, farmer decision making and developing tools to monitor changes to farming practices. Recent research into methane emissions from cattle was awarded the Blue Peter environmental badge by the BBC.

Professor Paul Wilson

Paul Wilson is Chief Executive of the Rural Business Research (RBR) academic consortium that delivers DEFRA’s flagship farm survey research programme providing analysis of the economics of agriculture for England. Paul also regularly presents the findings of his research into the drivers of variation in farm performance to farmer discussion and benchmarking groups across the country. Professor Wilson’s top 10 characteristics of high performing farm businesses are highlighted as models of best practice in the sector.

Keely Harris-Adams

Keely Harris-Adams is the Admissions Tutor for the agricultural degrees and Course Director of BSc Hons International Agricultural Science. Keely’s background is in agricultural and environmental economics, having previously worked for the Australian Government Department of Agriculture. She has a particular interest in applied economics and policy analysis of agricultural issues. Keely teaches on the agricultural business modules across years 1-3 of the degrees.

nottingham.ac.uk/ugstudy/biosciences
Outstanding careers support

93.1% of undergraduates from the School of Biosciences had secured work or further study within six months of graduation.*

£21,597 was the average starting salary.*

Our degree courses offer a thorough preparation for a wide range of careers. Many graduates take on roles in management, sales, marketing, finance and teaching, while others take up research posts in industrial and government organisations and universities in the UK and overseas.

Amplify your potential
Whether you already have a plan or need some inspiration, your Careers and Employability Service is here to help.

Academic excellence and employability go hand in hand at Nottingham. Your course, and the diverse student experiences we offer, will enable you to develop the skills and professional competencies required to thrive in the job market of the future.

We will help you explore your options, so you feel confident making choices about what you want to achieve. Our team will support you as you build your CV, search for jobs, prepare applications, practise your interview technique, and much more.

Get the Advantage
The career-enhancing Nottingham Advantage Award recognises and rewards your extracurricular activities. With a choice of over 200 modules, you can hone the key skills employers are looking for. From developing your leadership skills and learning a language to public speaking and volunteering, you will leave university with demonstrable experience that sets you apart from other graduates. For further information, visit nottingham.ac.uk/careers/advantage

Further study opportunities
Many of our graduates choose to continue their studies and undertake further research to MSc, MRes, MPhil or PhD level at the University of Nottingham or elsewhere.

Recent graduate destinations:
Agricultural and International Agriculture
- Agricultural Science
- Land agency
- Animal feed industry
- Arable and livestock consultants
- Farming/rural business management
- Management trainees for major companies

Agricultural and Crop Sciences
- Agronomists
- Horticultural crop production
- Produce marketing
- Agrochemical sales

Agricultural and Livestock Sciences
- Animal nutritionists
- Livestock consultants
- Livestock market analysts

* Known destinations of full-time home undergraduates who were available for work 2015/16. Salaries are calculated based on the median of those in full-time paid employment within the UK.
How to apply

All applications for undergraduate study at Nottingham, including applications by international students, must be made through UCAS.

You can apply online at ucas.com and will be notified of decisions through UCAS Track.

Your personal statement
This is the section of your UCAS form that tells us most about you, and you should make the best use of it. Be as specific and detailed as you can – we would like to see that you are a student who can work hard, be self-motivated and make the best possible use of the opportunities that our courses offer you. We would also like to hear about any skills you have gained through extracurricular activities.

Minimum entry requirements
Unless otherwise stated in individual course profiles, all UK applicants should have GCSE English grade 4 (C) as a minimum.

Alternative qualifications
In this brochure you will find our A level and International Baccalaureate entry requirements but we accept a much broader range of qualifications. For more details, visit nottingham.ac.uk/ugstudy/applying

GCSE reform
Following the reform of GCSE grading in England from A*–G to 9–1, we have adopted Ofqual’s recommended equivalence. This means that GCSE grade A*=9, A=7, B=5/6 and C=4. GCSE qualifications taken outside of the UK will still be graded A* to G.

Flexible admissions policy
In recognition of our applicants’ varied experience and educational pathways, we employ a flexible admissions policy. If we judge that your situation has adversely affected your achievement, then we will consider this when assessing your academic potential. Some courses may make a slightly lower offer. For more information about this policy, see nottingham.ac.uk/ugstudy/applying

Mature applicants
We encourage applications from mature applicants who have a significant gap in education. You should apply through UCAS. Find out more at nottingham.ac.uk/mature

International applicants
The University provides a range of information and advice for international applicants. If you are unable to attend an open day, we can meet you in your country at one of our overseas events or arrange an individual visit to the University. For further information please visit nottingham.ac.uk/go/international-applicants

Deferred entry
Applicants who wish to defer their entry by a year will not be at a disadvantage. Please tell us something about your plans for your gap year in your UCAS personal statement.

Equal opportunities policy
The University aims to create the conditions whereby students and staff are treated solely on the basis of their merits, abilities and potential, regardless of gender, race, colour, nationality, ethnic or national origin, age, socio-economic background, disability, religious or political beliefs, trade union membership, family circumstances, sexual orientation or other irrelevant distinction.

around one-third of our UK students receive our means-tested core bursary, worth up to £2,000 a year (2018 entry figure; subject to change). For details, see nottingham.ac.uk/financialsupport

Experience it

Easy access to the city for music, food and shopping
nottingham.ac.uk/nottinghamlife

Join in with the vibrant musical life on campus and in the city
nottingham.ac.uk/music/performance

Choose from 9 modern languages to study alongside your course
nottingham.ac.uk/language-centre

Accommodation to suit every budget and personal choice
nottingham.ac.uk/accommodation

Student Service Centres on all UK campuses for support and advice
nottingham.ac.uk/studentservices

200+ student-led groups, clubs and societies at your Students’ Union
su.nottingham.ac.uk

Live and study abroad as part of many courses
nottingham.ac.uk/studywithus/studyabroad

How do I apply?

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For undergraduate enquiries contact:
Student Recruitment Enquiries Centre
nottingham.ac.uk/biosciences
@UoN_Biosciences
nottingham.ac.uk/contact

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This brochure has been drafted in advance of the academic year to which it applies. Every effort has been made to ensure that the information contained in this brochure is accurate at the time of publishing, but changes (for example to course content) are likely to occur given the interval between publication and commencement of the course. It is therefore very important to check our website for any updates before you apply for the course by following nottingham.ac.uk/ugstudy. Where there is a difference between the contents of this brochure and our website, the contents of the website take precedence.