



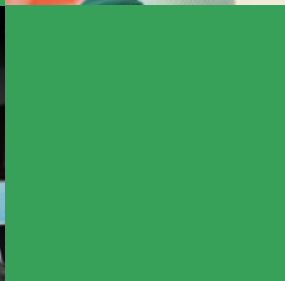
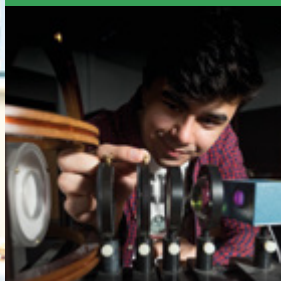
University of
Nottingham

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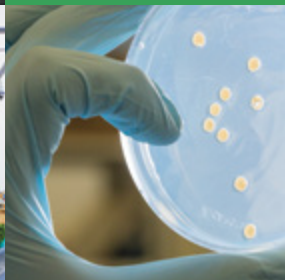
Natural Sciences



Theorise it



Apply it



nottingham.ac.uk/naturalsciences

Undergraduate guide 2018

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Define it

Research it

Welcome to Natural Sciences

Throughout history scientists have attempted to make sense of the world, identifying problems and providing solutions. Many challenges of the 21st century like climate change, energy and sustainability require an interdisciplinary approach to find solutions.

Great scientists think beyond the boundaries of a discipline and find solutions to problems using methods across the broader spectrum of science. This is what we teach our students to become – great scientists.

The natural sciences degrees are designed for talented students with an aptitude for science who want to study a challenging and diverse range of subjects.

Successful completion of the degree provides you with the knowledge and practical experience for a wide range of careers in science alongside the skills and versatility to pursue whatever career you choose.

We look forward to welcoming you to Nottingham soon.

Keith Hopcraft
Natural Sciences Course Director

To find out where a degree in natural sciences could take you, please visit nottingham.ac.uk/naturalsciences

Studying natural sciences at Nottingham

Our natural sciences degrees provide you with the flexibility to tailor the course to your interests within a structured programme.

Natural sciences is the degree for you if:

- You are enjoying two or more of the subjects you are currently studying and would like to continue them
- You want to gain a science degree which keeps your career options open
- You are interested in a career where knowledge of more than one science is advantageous

Research and teaching excellence

One of the major strengths of the teaching at Nottingham comes from our ability to bring the latest scientific developments into the classroom. The combination of international research excellence and state-of-the-art facilities for teaching creates an engaging, dynamic and intellectually challenging learning environment.

Research areas across natural sciences include bioarchaeology, molecular and developmental biology, green and analytical chemistry, environmental change, geoinformatics, biological mathematics, magnetic resonance imaging (MRI), and behavioural neuroscience. When you come to study with us you will have the opportunity to understand and develop interests in these and other research areas through advanced modules which take you to the frontiers of modern science.

At a glance

- Tailor your studies to match your interests and career aspirations
- Gain academic knowledge to degree level in two science subjects
- Learn a range of practical and transferable skills which open up a range of employment options
- Spend some of your degree abroad in Australia, Canada, New Zealand, Singapore or the USA



* Research Excellence Framework, 2014.
** National Student Survey, 2016.

Our courses

Degree title	UCAS code	Duration	A levels	IB
Single honours				
BSc Natural Sciences ^	FGC0	3 years	A*AA	38
MSci Natural Sciences ^	GFC0	4 years	A*AA	38

^ A*AA; including a minimum of A in the required subjects for your pathway. Required subjects vary by pathway, please check nottingham.ac.uk/ugstudy

Course structure

The natural sciences degrees are single honours programmes which allow you to study more than one science alongside gaining an understanding of the interdisciplinary nature of science. In your first year you study three science subjects and continue with two subjects from your second year onwards. The combination of subjects which you study is called your pathway. A full list of pathways can be found on page 15.

The subjects available are:

- archaeology
- biological sciences
- chemistry
- environmental science
- geography
- mathematics
- physics
- psychology

Years one to three

You take three subjects during year one alongside a core skills module. In year two you choose two subjects and develop your understanding of them throughout years two and three. In your third year you also take the synoptic module (see page 14 for more details).

Three or four years

The BSc provides a broad understanding of your chosen areas of science alongside the skills and knowledge needed for a wide variety of careers. The MSci builds upon the BSc allowing you to undertake research in a professional scientific environment and provides the skills needed for a career in research.

Year four

In year four you undertake a research project which occupies half your time. Alongside this you follow taught modules to develop your research skills and advanced modules which bring you to the cutting edge of current research.

You can transfer between the BSc and the MSci up to the end of year two, provided you meet the necessary progression criteria.

English language requirements

IELTS 6.5 (no less than 6.0 in any element). For more information and a list of the alternative English language requirements we accept, please see nottingham.ac.uk/go/alternativerequirements

Developing your academic English and study skills

The Centre for English Language Education (CELE) offers you the opportunity to develop your English language skills at one of the world's top universities. Accredited by the British Council for the teaching of English, CELE provides high-quality teaching, facilities and support. Our pre-sessional courses take your English language and academic skills to the level you need to progress to undergraduate study without taking IELTS again. Find out more at nottingham.ac.uk/cele

For more information about our courses please visit nottingham.ac.uk/ugstudy/naturalsciences

To find out where a degree in natural sciences could take you, please visit nottingham.ac.uk/naturalsciences

Archaeology

Archaeologists study all periods ranging from the earliest origins of humanity to later prehistoric and historically documented societies, developing their knowledge by studying material remains. It is a multidisciplinary subject combining the sciences and humanities.

Available with:

- biological sciences and chemistry

Year one

During the first year you will develop your knowledge of the scientific techniques that archaeologists use to study ancient societies and learn to integrate scientific approaches with human perspectives on the past.

Years two and three

During the second and third years you will develop your knowledge of techniques and approaches to archaeology, and will also have the opportunity to explore your interests through optional modules as well as taking part in independent research.

Fieldwork placement

If you are continuing archaeology beyond the first year you are required to gain excavation experience in the UK or overseas. Opportunities are advertised in the department, and we will assist you with securing a placement.

Typical modules

Year one	Year two	Year three	Year four
<ul style="list-style-type: none"> ■ Introduction to Archaeology ■ Introduction to Archaeological Science 	<ul style="list-style-type: none"> ■ Archaeology and Society: Heritage and Professional Skills ■ Human Osteology and Evolution ■ Exploring Archaeological Science 	<ul style="list-style-type: none"> ■ Independent Project ■ Archaeological Research: Theory and Practice ■ Food and Culture ■ Dead Important ■ Through a Glass Darkly ■ Mycenaean Greece 	<ul style="list-style-type: none"> ■ Special topic in Archaeology One ■ Special topic in Archaeology Two ■ Dissertation

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

Biological sciences

Biological sciences is the study of life and living organisms. It is a vast subject which incorporates many different branches and sub-disciplines including molecular biology, biochemistry, physiology and genetics.

Available with:

- archaeology and chemistry
- chemistry and mathematics
- environmental science and chemistry
- geography and chemistry
- geography and mathematics
- physics and mathematics
- psychology and chemistry
- psychology and maths

Year one

The biological sciences strand is built around two core areas: molecular/cellular biology and organismal biology. Whichever core area you follow you will study foundation modules that include practical laboratory experience and skills.

Years two and three

After the first year, you will be able to tailor your studies within your chosen core area by choosing one of several sub-pathways and the third year allows for further specialisation through sub-pathways. Alongside both years you are able to explore your interests within biological sciences through a range of optional modules in areas such as developmental biology, neuroscience, evolution and genetics.

Typical modules

Year one	Year two	Year three	Year four
<ul style="list-style-type: none"> ■ Genes, Molecules and Cells ■ Evolution, Ecology and Behaviour ■ Life on Earth 	<ul style="list-style-type: none"> ■ The Genome and Human Disease ■ Bacterial Genes and Development ■ Microbial Biotechnology ■ Animal Behaviour and Physiology ■ Ecology ■ The Green Planet ■ Infection and Immunity ■ Evolutionary Biology of Animals ■ Building Brains ■ Neurones and Glia 	<ul style="list-style-type: none"> ■ Molecular Laboratory Skills ■ Gene Regulation ■ Advanced Biochemistry ■ Human Variation ■ Molecular and Cellular Neuroscience ■ Molecular Evolution ■ Population Genetics ■ Evolutionary Ecology ■ Cancer Biology ■ Advanced Developmental Biology ■ Aging, Sex and DNA Repair 	<ul style="list-style-type: none"> ■ Research Project ■ Research Planning and Preparation ■ Research Presentation Skills ■ Cutting Edge Research Technologies and Ideas in Molecular Biology ■ Advanced Experimental Design and Analysis ■ Process and Practice in Science ■ Current Trends in Neuroscience

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Chemistry

Chemistry is the study of the composition and properties of matter and the changes it undergoes. It is the key to understanding the natural world, enhancing our quality of life and the environment.

Available with:

- archaeology and biological sciences
- biological sciences and mathematics
- environmental science and biological sciences
- environmental science and geography
- geography and biological sciences
- physics and mathematics

Typical modules

Year one	Year two	Year three	Year four
<ul style="list-style-type: none"> ■ Fundamental Theory and Practical 	<ul style="list-style-type: none"> ■ Core Lab Work ■ Intermediate Organic Synthesis ■ Synthetic Organic Chemistry ■ Intermediate Physical Chemistry ■ Spectroscopy and Quantum Chemistry ■ Inorganic Chemistry 	<ul style="list-style-type: none"> ■ Advanced Lab Techniques ■ Organometallic and Asymmetric Synthesis ■ Pericyclic Chemistry and Reactive Intermediates ■ Chemical Bonding and Reactivity ■ Solids, Interfaces and Surfaces ■ Bioinorganic and Metal Coordination Chemistry 	<ul style="list-style-type: none"> ■ Chemistry Research Project ■ Contemporary Organic Synthesis ■ Advanced Inorganic Chemistry ■ Contemporary Physical Chemistry ■ Advanced Biocatalysis ■ Inorganic and Materials Chemistry ■ Medicines from Nature

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

Year one

In the first year you will study organic, inorganic and physical chemistry, alongside gaining practical laboratory experience. If you continue chemistry beyond the first year you are able to choose two branches of chemistry on which to focus your interests.

Years two and three

In the second year, you will take theoretical and practical modules that will build on the knowledge and understanding gained in the first year in your chosen branches. In the third year the core material accounts for approximately 60% of your study time, the remainder of which can be covered by optional modules.

As a chemist, laboratory work is one of the most important skills you develop during your degree. You will be introduced to a range of current synthetic and analytical approaches, as well as the operation of modern instrumentation in state-of-the-art modern laboratories.

Environmental science

Environmental science provides a systems-based approach to the analysis of environmental problems. You will gain a solid understanding of the Earth's processes, the way in which organisms interact with their environment, and how air, soil and water pollution can be monitored, modelled and remediated.

Year one

During the first year you study a mixture of theory and practical modules to gain a broad overview of the subject. Practical work is an essential aspect of environmental study and you have the opportunity to gain experience in both the field and the laboratory throughout your degree*.

Available with:

- biological sciences and chemistry
- geography and chemistry

Years two and three

In the second year, the science behind climate change and influences on water chemistry are key topics alongside a wide range of optional modules. Your focus will shift in the third year towards environmental pollutants with further opportunities to explore the subject through options. During the second and third year you also have the opportunity to gain hands-on experience by taking part in field modules*.

Teaching in the first year of the environmental sciences strand is based entirely at University Park Campus but some modules in the second, third and fourth year are taught at Sutton Bonington Campus, easily reached via the University's free hopper bus.

* Some of the modules with fieldwork may require a contribution towards the cost.

Typical modules

Year one	Year two	Year three	Year four
<ul style="list-style-type: none"> ■ Global Environmental Processes ■ Environmental Science and Society 	<ul style="list-style-type: none"> ■ Environmental Geoscience ■ Soil Science ■ Climate Change Science ■ Environmental Management Field Course ■ Ecosystem Processes ■ Soil and Water Science ■ Computer Modelling in Science: Introduction 	<ul style="list-style-type: none"> ■ Computer Modelling in Science Applications ■ Arctic Ecology Field Course ■ Environmental Pollution Field Course ■ Geobiology ■ Environmental Pollutants: Fate, Impact and Remediation 	<ul style="list-style-type: none"> ■ Research Project ■ Statistics and Experimental Design for Bioscientists ■ Project Management ■ Writing and Reviewing Research Proposals ■ Syndicate Exercise ■ Communication and Public Engagement Skills for Scientists

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

Geography

Geography is the study of the Earth's landscapes, environments, people and places. The geography strand of natural sciences is entirely physical geography, meaning that the focus is on understanding the dynamics of the physical landscape and the environment.

Available with:

- biological sciences and chemistry
- biological sciences and mathematics
- environmental science and chemistry
- physics and mathematics

Typical modules

Year one	Year two	Year three	Year four
<ul style="list-style-type: none"> ■ Earth and Environmental Dynamics ■ Tutorial ■ On Earth and Life ■ Introduction to GIS ■ Physical Landscapes of Britain 	<ul style="list-style-type: none"> ■ Techniques in Physical Geography ■ Environmental Change ■ Patterns of Life ■ River Processes and Dynamics ■ Desert Geomorphology ■ Digital Explorers ■ Earth Observation 	<ul style="list-style-type: none"> ■ Environmental Informatics and Modelling ■ Global Climate Change ■ Scale and Diversity in the Canary Islands ■ River Management and Restoration ■ Quaternary Environments ■ Geospatial Technologies ■ Geological Hazards and Resources ■ Foundations of Environmental Management 	<ul style="list-style-type: none"> ■ Geography Dissertation ■ Statistical and Computational Problem Solving ■ Geographical Research Methods ■ Spatial Decision Making

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

Year one

During the first year you will gain a good grounding of physical geography, including the principles which underlie climate, atmospheric circulation, geomorphology, biogeography, ocean currents, ecology, fluvial systems, hydrology and environmental change. You will also have small group classes which help you to develop essay writing and presentation skills.

Years two and three

In the second year you will further develop your geographic study skills through a module which incorporates fieldwork, lab work and surveying techniques. Alongside this, you will have the opportunity to choose optional modules in the areas that interest you the most. The third year allows you to continue exploring your interests either through taught classes or by undertaking independent research through a dissertation in the subject of your choice.

Mathematics

Mathematics is the language of science, technology and commerce. It underpins applications ranging from the origin of the universe to the human genome; the structure and functioning of the internet to the behaviours of financial markets.

Available with:

- biological sciences and chemistry
- biological sciences and physics
- chemistry and physics
- geography and biological sciences
- physics and geography
- physics and psychology
- biological sciences and psychology
- chemistry and psychology

Year one

In year one you will cover the analytical and computational foundations of the subject, including computer workshops in MATLAB, together with calculus and linear algebra.

Years two and three

The foundations and skills required to undertake mathematical modelling are developed through taking one of two sub-pathways. One complements combining with either physics or chemistry, the other is appropriate for all the other subject combinations.

In the third year you will continue on your chosen sub-pathway, and in addition to studying advanced mathematical skills, can tailor your studies with a broad range of options.

Year four

For students on the four year programme there are modules allowing you to develop expertise in research areas including computational and systems biology, nonlinear dynamics and quantum information science.

Typical modules

Year one	Year two	Year three	Year four
<ul style="list-style-type: none"> ■ Analytical and Computational Foundations ■ Calculus and Linear Algebra 	<ul style="list-style-type: none"> ■ Differential Equations & Fourier Series ■ Modelling with Differential Equations ■ Introduction to Scientific Computing 	<ul style="list-style-type: none"> ■ Mathematical Medicine and Biology ■ Game Theory ■ Differential Equations ■ Coding and Cryptography ■ Fluid Mechanics ■ Electromagnetism 	<ul style="list-style-type: none"> ■ Mathematics Dissertation ■ Scientific Computing and C++ ■ Computational Applied Mathematics ■ Computational and Systems Biology ■ Quantum Information Science ■ Applied Nonlinear Dynamics

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

Physics

Physics is a fundamental subject which serves as the foundation of knowledge for most areas of science and engineering. Advances in physics are directly responsible for transforming the modern landscape and developing many of the technologies which are commonplace in today's society.

Available with:

- biological sciences and maths
- chemistry and maths
- geography and maths
- psychology and maths

The physics strand covers a carefully chosen range of modules which introduce you to the fundamental concepts of modern physics.

Year one

In the first year you take a single module, laying the foundations of central concepts which will underpin your study in later years. This includes classical mechanics, wave phenomena, relativity, electromagnetism and quantum physics.

Years two and three

In the second and third years you develop your core physics understanding further and the programme includes a thorough grounding in experimental work.

Year four

For students taking the four year programme, there are module options allowing you to develop your expertise in fundamental areas linked to research in the school, including cosmology, nanoscience and quantum phenomena.

Typical modules

Year one	Year two	Year three	Year four
<ul style="list-style-type: none"> ■ From Newton to Einstein 	<ul style="list-style-type: none"> ■ The Quantum World ■ Classical Fields ■ Experimental Techniques and Instrumentation ■ Thermal and Statistical Physics ■ Optics and Electromagnetism 	<ul style="list-style-type: none"> ■ Atoms, Photons and Fundamental Particles ■ Physics Lab Project ■ Thermal and Statistical Physics ■ Introduction to Solid State Physics 	<ul style="list-style-type: none"> ■ Physics Research Project ■ Solid State Physics ■ From Accelerators to Imaging ■ Atmospheric Physics ■ Introduction to Cosmology ■ Soft Condensed Matter ■ Theoretical Particle Physics ■ Extreme Astrophysics ■ Functional Medical Imaging ■ Imaging and Manipulation at the Nanoscale

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

For more detailed course content visit
nottingham.ac.uk/ugstudy/naturalsciences

Psychology

Psychology is the scientific study of the brain and behaviour. Its research methods include brain scanning, movement coordination, reaction times, questionnaires, and interviews.

Available with:

- biological sciences and chemistry
- biological sciences and mathematics
- mathematics and chemistry
- physics and mathematics

Year one

The first year offers a broad foundation in cognitive, biological, social, and developmental psychology (depending on the sub-pathway), which are required for all subsequent study.

Years two and three

Advanced cognitive, neuroscience, and social psychology courses are taken in the second year, which prepare the ground for the specialist topics in the third year. Final year modules are research-led, focussing on current issues in the specialist topics of the module lecturers.

Typical modules

Year one	Year two	Year three
<ul style="list-style-type: none"> ■ Cognitive Psychology One ■ Biological Psychology ■ Social Psychology ■ Developmental Psychology 	<ul style="list-style-type: none"> ■ Cognitive Psychology Two ■ Neuroscience and Behaviour ■ Conceptual and Historical Issues ■ Personality and Individual Differences 	<ul style="list-style-type: none"> ■ The Visual Brain ■ Neuropsychology and Applied Neuroimaging ■ The Body in the Brain ■ Understanding Developmental Disorders ■ Cognitive Development and Autism ■ Developmental Dyslexia ■ Forensic and Mental Health ■ Clinical Psychology

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

Synoptic module

During year three all natural sciences students take part in the synoptic module. This module brings together students from different subjects and pathways to work together in a group on an open-ended interdisciplinary project.

You will develop and hone those skills that are of high value for further academic study and the work-place, such as problem solving, data-analysis, modelling, literature searching, critical thinking and communication.

You will report the results of your research using a variety of forms and media that are aimed at different users, including a topical science article for the general reader, an extended technical report aimed at an expert audience, and a short lecture aimed at fellow students.

Recent projects have included:

- Predicting the spreads of malaria and zika virus in the light of climate change
- Chameleon colour change and behaviour as climate changes
- Comparing changes in the brain in patients with Alzheimer's and schizophrenia
- Spontaneous calcium oscillations in astrocytes
- Defining and treating complex disease: the need for new multidisciplinary approaches
- Disorders that display synaesthesia-like symptoms
- Will we trigger the runaway greenhouse effect?
- An investigation into colour vision in 14 genera of lemur
- The effect of climate change on autumn leaf colour
- Life's limit: Temperature
- The future of bioluminescent streetlights
- Modelling sulphur atmospheric injections from 2030 to 2080



For more detailed course content visit
nottingham.ac.uk/ugstudy/naturalsciences

Subject pathways

All pathways require three subjects taken at A level or Higher-level (excluding general studies and critical thinking) but the specific subjects required depend on the pathway which you would like to study. Most pathways require at least two science subjects from biology, chemistry, mathematics and physics.

The table below illustrates which subjects are required at A level or Higher-level for each of the pathways we run.

Pathways	Subjects				
	Chemistry	Physics	Mathematics	Biology	Other sciences*
Archaeology-Biological Sciences-Chemistry	X			X	
Biological Sciences-Chemistry-Mathematics	X		X	X	
Biological Sciences-Physics-Mathematics		X	X	X	
Chemistry-Physics-Mathematics	X	X	X		
Environmental Science-Biological Sciences-Chemistry	X			X	
Environmental Science-Geography-Chemistry	X				X
Geography-Biological Sciences-Chemistry	X			X	
Geography-Biological Sciences-Mathematics			X	X	
Mathematics-Psychology-Chemistry	X		X		
Physics-Geography-Mathematics		X	X		
Physics-Psychology-Mathematics		X	X		
Psychology-Biological Sciences-Chemistry	X			X	
Psychology-Biological Sciences-Mathematics			X	X	

* From biology, chemistry, environmental science, geography, geology, maths and physics, excluding any which are already a required subject.

Engaging study, incredible results

Your learning experience will incorporate different styles of teaching including formal lectures and practical laboratories, as well as small group sessions such as tutorials, seminars and problem classes. Lecture-based theory modules form the backbone of your studies, stimulating your curiosity and providing you with essential information.

Through laboratory classes, computer workshops and working in the field you will gain hands-on experience and develop professional and practical skills, while reinforcing theory you have learnt. Teaching is supported by smaller group classes which give you the opportunity to work through problems yourself, discuss ideas and ask questions to deepen your understanding of the subject.

Natural sciences gives you the opportunity to gain expertise in a range of disciplines

Modules and credits

All undergraduate degree programmes at the University are modular. This means that each subject is broken down into blocks of study called modules, which are self-contained units of study that may run for either a semester or across the year. The modular system provides you with flexibility in your course as it comprises a mixture of core and optional modules. The balance between core and optional modules varies by pathway.

How will I be assessed?

Modules are typically assessed at the end of the semester in which they are taught but some may have individual components or continuous assessments during the semester.

Assessment may be by coursework or examination, or a combination of the two. Examinations may be comprised of different question types such as short answer, long answer, essay questions, multiple choice, or a mixture of these questions. You are told at the start of each module about the style and format of examinations and in many cases you will have access to past exam papers on which to practice.

Feedback on your assessments

You can monitor your progress during your studies through feedback on completed coursework and examination performance. Coursework is usually returned with written comments for you to go through in your own time. General feedback on exams is provided at a modular level but it is possible to get more specific feedback on your exam performance on request.

“Natural sciences allows me to continue studying what I enjoyed at A level at the same time as exploring new and exciting areas of science. Nottingham's fantastic campuses, facilities, and societies made studying here an obvious choice for me!”

Lewis Rose, MSci Natural Sciences – Biology, Chemistry and Environmental Science pathway



“Natural sciences is a flexible course designed to let me study specific aspects of science I am most interested in. It allowed me to sample several different subjects at university level before I had to make any decisions about which science to specialise in. Not only that, my lecturers have been extremely supportive throughout my degree and have made me realise I definitely made the right decision in coming to Nottingham.”

Sarah Roberts, MSci Natural Sciences – Biology, Chemistry and Mathematics pathway



How to apply

All applications for an undergraduate place to study at the University of Nottingham, including applications by international students, must be made through UCAS.

Applications should be made online at ucas.com and candidates 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.

Alternative qualifications

In this brochure you will find our A level entry requirements but we accept a much broader range of qualifications.

These include:

- Access to HE Diploma
- Advanced Diploma
- BTEC HND/HNC
- BTEC Extended Diploma
- Cambridge Pre-U
- International Baccalaureate
- Irish Leaving Certificate
- Scottish Advanced Highers
- Welsh Baccalaureate Advanced Diploma

This list is not exhaustive; we will consider applicants with other qualifications on an individual basis. Please contact us to discuss the suitability of your qualification.

Keep up to date with your application by checking online at ucas.com regularly.

Flexible admissions policy

We recognise that some educational and personal circumstances affect achievement. If we judge that you have experienced circumstances that have adversely affected your achievement, we will consider them when assessing your academic potential. Some courses may vary the offer as a result. For the most up to date information about our offers, please see the entry requirements section of our course pages on our online prospectus. For more information about this policy, please see nottingham.ac.uk/ugstudy/applying

Mature applicants

We encourage applications from mature applicants who have a significant gap in education. You should apply in the normal way through UCAS. More information for mature students can be found 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.

Over one-third of our UK students receive our means-tested core bursary, worth up to £2,000 a year. For details, see nottingham.ac.uk/financialsupport

World class for employability

Scientific knowledge underpins how the modern world works. As a result, employers are increasingly looking for graduates with expertise in a range of science subjects.

A natural sciences degree provides you with academic knowledge in more than one science subject alongside professional and transferable skills such as time management, communication and problem solving. It leaves you well prepared whichever career path you choose.

Recent graduate destinations:

- Cancer Research UK
- Crossrail
- PricewaterhouseCoopers
- Barclays Investment Bank
- Pell Frischmann (Consulting Engineers)
- Associated British Foods PLC
- Teach First



The Nottingham Advantage Award

The award-winning Nottingham Advantage Award recognises and rewards your extracurricular activities. With a choice of over 200 modules, you can hone the key skills employers want.

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, please visit nottingham.ac.uk/careers/advantage

Careers and Employability Service

Our Careers and Employability Service has a team dedicated to Faculty of Science students. They will be on hand to offer you specialist support and guidance throughout your degree and for life after you graduate.

Whether you need help writing a CV, preparing for an interview or exploring career ideas, you can book one-to-one appointments or come along to a workshop. Each term there is also an exciting events schedule, bringing you face-to-face with employers offering real-life insight into their professions. Find out more about the Careers and Employability Service: nottingham.ac.uk/careers



Find out where Nottingham could take you and network with our graduates on LinkedIn



“Natural Sciences at Nottingham is unique, it allows you to really work on the interfaces of sciences in a way that no other course allows, making it extremely exciting. The course community is small and friendly and is one of the aspects that has made my experience the absolute best. Nottingham is a cosmopolitan university situated in a vibrant city, and the green campus makes it the perfect place to combine study with enjoyment.”

Richard Dickinson, MSci Natural Sciences – Chemistry, Geography and Mathematics pathway

Experience it in a world beyond ordinary

There's so much for you to get involved in and explore at the University and around the city. Whether you're interested in sports, learning a language or just having fun with friends alongside studying, you'll be spoilt for choice.



Your opportunity to study abroad

We offer a range of study abroad opportunities with many students having the option to live and study in another country as part of their university career. Studying or working abroad is a fantastic opportunity to broaden your horizons, experience different cultures, and develop the key skills that employers are looking for. Find out more: nottingham.ac.uk/studywithus/studyabroad



Getting involved in your Students' Union

University of Nottingham Students' Union (UoNSU) is a brilliant, diverse community, and whether you are an undergraduate or postgraduate, first-year or final-year student, you are a part of it. With 300+ student-led groups, clubs and societies, hundreds of volunteering opportunities and support for every stage of your university journey, your Students' Union offers something for everyone. Find out more: su.nottingham.ac.uk



Exploring your new city

Nottingham city centre is just a 10-minute bus ride away from University Park Campus, so you're always close to the action. There are plenty of music venues, from the world-famous Rock City to the Motorpoint Arena or one of the smaller gig venues for a more intimate live show. If you enjoy shopping, there are independent boutiques and vintage shops as well as high street names in our large shopping centres. Nottingham is also a hotspot for dining, with a great choice of cuisines on offer. Find out more: nottingham.ac.uk/nottinghamlife



Your new home from home

At Nottingham we offer a wide range of room types across the campuses in both catered and self-catered accommodation. From standard single rooms with shared bathrooms to large en-suite studios and flats, there's something to suit every budget and personal choice. For current pricing and to review all accommodation options please visit nottingham.ac.uk/accommodation



Music

All student musicians at the University of Nottingham are encouraged to get involved with the vibrant musical life on campus. Find out more: nottingham.ac.uk/music/performance



Sport

The University of Nottingham is one of the UK's leading universities for sport and is currently ranked 4th in the university sport rankings*. We have one of the biggest portfolios of sports facilities in the country including the brand new £40m David Ross Sports Village. We also have a rich heritage of supporting Olympic medalists and we have more than 70 student sports clubs to choose from. Find out more: nottingham.ac.uk/sport

* British Universities and Colleges Sport Standings, 2015-16.



Your support network

Throughout your university journey there will be numerous people on hand to support and advise you, including tutors and dedicated staff. We have Student Service Centres on all three of our UK campuses, which provide a range of support, information and specialist services. Find out more: nottingham.ac.uk/student-services

Learn a language

The University's Language Centre gives you the opportunity to study a language alongside your course. All languages are offered from beginners' level with some going up to near native competency. There are nine languages to choose from: Modern Standard Arabic, Dutch, French, German, Italian, Japanese, Mandarin Chinese, Russian, and Spanish. Find out more: nottingham.ac.uk/language-centre





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