Where could neuroscience take you?

Neuroscience is a growing field of science. A deeper understanding of how the brain and nervous system works is vital to improving people’s lives.

Our degree programme started in 1987 and is one of the most established and respected in the UK. The brain is the organ that controls every aspect of the body and with us you will discover its secrets. From recognising how and why we behave as we do, to understanding neurological diseases, at Nottingham you will be encouraged to become the future of neuroscience.

As you would expect in a research-led university, the curriculum constantly changes to reflect new developments. For example, we recently introduced a module about ‘the ageing brain’, which recognises the increasing burden on our healthcare system of an ageing population who are susceptible to neurodegenerative and neurovascular disease.

I teach a module on neuroendocrinology where we discover how the brain regulates hormonal systems that control all the important things in life: eating, drinking, sleeping, sex and love.

I look forward to meeting some of you to discover these and other aspects of neuroscience further.

Professor Fran Ebling
Course Director for Neuroscience

Find out where a degree in neuroscience could take you, please visit nottingham.ac.uk/life-sciences
Studying neuroscience at Nottingham

Experience a degree with a strong clinical bias, studying specific neuroscience modules from year one.

Opportunities for specialisation
In each year of the course, there are optional modules or research projects that enable you to tailor the course to your interests. Many students particularly enjoy the final-year research project. You will have the opportunity to specialise in one of a wide choice of research areas, which have previously included studies on:
- behaviour
- brain imaging
- depression
- drug treatments for Alzheimer’s disease
- pain
- stroke
- tumour biology

You will work alongside research-active academics on your project, and some students even have their work published.

Inspiring teaching and research
Your studies will be based in the Medical School, which is embedded in the Queen’s Medical Centre. You will be taught by clinicians, psychologists, anatomists and other biomedical scientists, providing you with a wide experience of neuroscience.

At a glance
- Undertake substantial laboratory experience from year one
- Travel while you learn, with opportunities to study abroad for the placement year on the MSci
- Contribute to real research during your final-year project, working within our research groups
- Have a large percentage of your learning based in a clinical environment

The research undertaken at Nottingham is reflected in our teaching. Nottingham is home to magnetic resonance imaging (MRI) and continues to be at the forefront of this technology. On campus is the Sir Peter Mansfield Magnetic Resonance Centre. We also host the Arthritis Research UK Pain Centre, where researchers are working on understanding pain better and achieving more effective ways to deal with it.

Our courses

BSc or MSci?
While the BSc degree lasts for three years, the MSci Neuroscience degree is a four-year course designed to provide appropriate training for a future career in scientific research, either in the pharmaceutical industry or academia. Both degree courses have common first and second year curricula, and you will have the opportunity to transfer between the degrees at the end of the first year*. For this reason, we advise you to use only one of your UCAS choices for our courses.

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

* Please note that transfer to the MSci requires a minimum of 60% attainment in the first year.

For more information about our courses, please visit nottingham.ac.uk/life-sciences

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 preessional 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

Our courses

<table>
<thead>
<tr>
<th>Degree title</th>
<th>UCAS code</th>
<th>Duration</th>
<th>A levels</th>
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<td>MSci Neuroscience</td>
<td>B141</td>
<td>4 years</td>
<td>AAB</td>
<td>34</td>
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My placement year was a brilliant opportunity to explore an area of neuroscience in depth. I had excellent support from my supervisor and the experience has even helped me decide on a career.
Alex Revill, MSci Neuroscience
For my final-year research project, I am working with the pain group in the Queen's Medical Centre. I am researching the inflammatory effects of pain and looking at how these are created and how they can be treated.

Tia MacIntyre, BSc Neuroscience
Engaging study, incredible results

University study is likely to be very different from what you are used to, but we’ll support you through the transition.

Teaching methods
You will learn through a variety of methods depending on the module. These may include:
- lectures
- seminars
- laboratory classes
- workshops
- tutorials

Assessment methods
Assessment varies on the module being studied, but is typically a combination of:
- exams
- essays
- dissertations
- laboratory reports
- presentations

Exams happen twice a year at the end of each semester.

Student support
When you start the course, you will be assigned a personal tutor. Personal tutors are members of academic staff in the school and they will:
- monitor your academic progress and check on your wellbeing
- provide exam marks and help you reflect on feedback
- act as a first point of contact for any guidance on academic or personal matters

We still offer small group tutorials. This ensures you have enough time to build a relationship with your tutor and benefit from their support. Your fellow tutees also provide peer support.

Additionally, the school has a dedicated Welfare Officer and a Student Liaison Officer who are available to help you adapt to university life and provide advice on more complex issues.

Library and computing services
At Nottingham, you will benefit from access to an extensive collection of printed and online library resources. In addition, you will have both on and off-campus access to a wide range of databases, ejournals and ebooks. Life sciences students have access to two specialist libraries:
- George Green Library, which has recently undergone an £18m redevelopment, to provide more study space and additional computers
- Greenfield Medical Library, which is home to health and medical texts as well as having group study rooms and silent study zones

Key Information Sets
Key Information Sets (KIS) are comparable sets of information about full or part-time undergraduate courses and are designed to meet the information needs of prospective students. All KIS data is published on the Unistats website: unistats.co.uk

For more information about studying neuroscience visit nottingham.ac.uk/life-sciences/teaching

My time at Nottingham has been amazing. The lectures are brilliant and staff are always there to help. There’s so much happening at the University, and this is part of what makes the atmosphere on campus so positive!

Esther Ayuba, MSci Neuroscience
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 using 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.

Entry requirements
A levels
AAB, including two science subjects, one of which must be biology/human biology and/or chemistry. The second science subject can be from: biology, chemistry, electronics, geography, geology, human biology, maths, physics or psychology. A pass is required in science practical tests, if assessed separately.

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
- Cambridge Pre-U
- International Baccalaureate
- Irish Leaving Certificate
- Scottish Advanced Highers

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.

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

Science foundation programme
The foundation programme provides an alternative entry route onto the neuroscience degree programme for those students whose school leaving qualifications do not meet our current admission requirements. Applications from mature students or students holding ‘non-standard’ qualifications and/or relevant experience are encouraged.

Students can automatically progress from the foundation stage to year one of neuroscience, providing they have taken the relevant pathway modules and passed them to the required standard. For more information see nottingham.ac.uk/go/foundation

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

To find out how to apply, please visit nottingham.ac.uk/ugstudy/applying
World class for employability

As a graduate, you will have obtained a broad range of skills valued by employers in sectors such as scientific research, consultancy, biotechnology, clinical sciences and more. Many graduates choose to pursue further study including masters, PhDs or graduate entry medicine.

90% of first-degree graduates in the school who were available for employment had secured work or further study within six months of graduation.*

£19,571 was the average starting salary, with the highest being £45,000.*

Recent graduate destinations:
- Axol Bioscience: laboratory production scientist
- Nielsen: neurophysiologist
- Ashfield Healthcare UK: recruitment executive
- Public Health England: healthcare scientist
- Cancer Research UK: clinical trial assistant

Careers and Employability Service
Our Careers and Employability Service has a team dedicated to Faculty of Medicine and Health Sciences 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, finding an internship or part-time work, 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.

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/

Find out more about the Careers and Employability Service at nottingham.ac.uk/careers

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

* Known destinations of full-time home first-degree undergraduates 2014/15. Salaries are calculated based on those in full-time paid employment within the UK.
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.

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 around 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

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/studentservices

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 medallists 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.

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

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
For undergraduate enquiries contact: Student Recruitment Enquiries Centre
nottingham.ac.uk/life-sciences
UoNLifeSciences
@UoNLifeSci
nottingham.ac.uk/enquire

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.