Neuroscience MSc

Our brain and its workings define who we are. Neuroscience is discovering how the nervous system functions in health and disease from the molecular to the behavioural level. It is a vibrant area of science with regular exciting new breakthroughs, but there is still much to be discovered. UCL is the leading neuroscience institution in Europe, and students benefit greatly from a vast reservoir of expertise.

Degree summary

In addition to providing experience and participation in cutting-edge neuroscience, delivered by internationally recognised researchers, the programme generates several transferable skills, notably advanced laboratory research methods, data analysis, computer literacy, oral presentation, critical appraisal of specialised literature, and time management.

- The UCL Division of Biosciences is one of the largest and most active research environments for basic biological research in the UK, and UCL has one of the largest, most dynamic and exceptional neuroscience communities in the world.
- UCL has over 450 principal investigators covering all aspects of neuroscience.
- This MSc provides students with a broad knowledge of neuroscience, together with deep knowledge and hands-on experience in the area of their research project.

The programme is delivered through a combination of lectures, seminars, tutorials and a laboratory project. Student performance is evaluated through formal examination, coursework, and the research project.

Degree structure

Mode: Full-time: 1 year; Part-time: 2 years
Location: London, Bloomsbury

Students undertake modules to the value of 180 credits. The programme consists of four compulsory modules (75 credits), one optional module (15 credits) and a research project (90 credits).

Please note that the list of modules given here is indicative. This information is published a long time in advance of enrolment and module content and availability is subject to change.

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<th>COMPULSORY MODULES</th>
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<tr>
<td>Developmental Neuroscience</td>
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<td>Receptors and Synaptic Signalling</td>
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<td>Systems and Circuits Neuroscience</td>
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<td>Neuroscience Journal Club</td>
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<th>OPTIONAL MODULES</th>
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<td>Students choose one of the following:</td>
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<td>Neurobiology of Degeneration and Repair</td>
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<td>Cognitive Systems Neuroscience</td>
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<th>RESEARCH PROJECT/REPORT</th>
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<td>Students undertake an original research project which culminates in a 7,000-word dissertation.</td>
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Your career

The majority (more than 80%) of our graduates take up PhD positions in neuroscience research, including some who stay on at UCL.

Employability

The MSc in Neuroscience provides an introduction to a career in neuroscience. Around 80% of our students progress to a PhD and then onto careers in academia, industry and other allied biomedical professions. The remainder go into careers in the fields of healthcare, education and commercial scientific research.
Entry requirements

A minimum of an upper second-class UK Bachelor’s degree in biomedical sciences, life sciences or related subject area, or a medical degree (MBBS), or an overseas qualification of an equivalent standard. Applicants with an appropriate professional qualification and relevant work experience may also apply.

English language proficiency level

If your education has not been conducted in the English language, you will be expected to demonstrate evidence of an adequate level of English proficiency.

The level of English language proficiency for this programme is: Good.

Information about the evidence required, acceptable qualifications and test providers is provided at: www.ucl.ac.uk/graduate/english-requirements

Your application

Students are advised to apply as early as possible due to competition for places. Those applying for scholarship funding (particularly overseas applicants) should take note of application deadlines.

When we assess your application we would like to learn:

// what particularly attracts you to study this programme at UCL
// how your academic, personal and professional background meets the demands of this rigorous programme
// where you would like to go professionally with your degree

Together with essential academic requirements, the personal statement is your opportunity to illustrate whether your reasons for applying to this programme match what the programme will deliver.

There is an application processing fee for this programme of £75 for online applications and £100 for paper applications. Further information can be found at: www.ucl.ac.uk/prospective-students/graduate/taught/application.

FEES AND FUNDING 2019/20 ENTRY

// UK: £14,960 (FT), £7,480 (PT)
// EU: £14,960 (FT), £7,480 (PT)
// Overseas: £28,410 (FT), £14,040 (PT)

The tuition fees shown are for the year indicated above. Fees for subsequent years may increase or otherwise vary. Further information on fee status, fee increases and the fee schedule can be viewed on the UCL Students website.

Full details of funding opportunities can be found on the UCL Scholarships website: www.ucl.ac.uk/scholarships

APPLICATION DEADLINE

All applicants: 26 July 2019

Details on how to apply are available on the website at: www.ucl.ac.uk/graduate/apply

CONTACT

Miss Jenni Todd

Email: j.todd@ucl.ac.uk

Telephone: +44 (0)20 3108 4057

EU referendum

For up-to-date information relating to specific key questions following the UK’s decision to leave the EU, please refer to www.ucl.ac.uk/brexit