This well-established and highly competitive MSc provides students with specialist training in the basic scientific principles of modern neuroscience, and in the application of these principles to the understanding of a wide variety of neurological disorders. Students benefit from studying in an internationally renowned and research-intensive environment at the UCL Institute of Neurology.

Degree summary

Participants gain knowledge of the clinical features and scientific basis of both common and unusual neurological disorders including a study of: genetics of CNS disorders; brain metabolism, neurotransmitters and neurodegeneration; autoimmune disease and repair mechanisms; peripheral nerve and muscle; epilepsy; nociception and pain; motor control; basal ganglia/movement disorders; hearing, balance, vision and eye-movements; cognition and dementia.

The mission of the UCL Institute of Neurology is to carry out high-quality research, teaching and training in basic and clinical neurosciences. Together with our associated hospital, the National Hospital for Neurology and Neurosurgery, the institute promotes the translation of research that is of direct clinical relevance to improved patient care and treatment.

With its concentration of clinical and applied scientific activity the institute is a unique national resource for postgraduate training in neuroscience, and this MSc enhances the scientific skills of clinicians and provides non-clinical graduates with insight into clinical problems that will allow them to work alongside clinicians in clinical research projects.

The programme is delivered through basic and clinical lectures, seminars and practical and interactive workshops. Lectures are supported by audio-visual aids and supplementary materials including handouts, reading lists and references to original papers. Assessment is through unseen and multiple-choice examination, essay, library project (if applicable), dissertation and oral examination.

Degree structure

Mode: Full-time: 1 year
Location: London, Bloomsbury

Students undertake modules to the value of 180 credits. The programme consists of five core modules (90 credits), either a library project or two optional modules (30 credits) and a research project (60 credits).

CORE MODULES
- Basic neuroscience and investigation of Nervous system
- Epilepsy, Pain, Tumours and Special Senses
- Research Methods: Critical Appraisal and Introduction to Statistics
- Motor Systems and Disease
- Higher Functions of the Brain

OPTIONAL MODULES
- Students can choose to take two 15-credit options from the list below or the 30-credit Library Project
- Library Project
- Clinical neuroscience of neurodegenerative diseases
- Skeletal Muscle and Associated Diseases
- Peripheral Nerves and Associated Diseases
- Clinical Manifestations of Stroke
- Treatment (HASU and Service Delivery)
- Neurorehabilitation

DISSERTATION/REPORT
- All students undertake an independent research project, which culminates in a dissertation of 10,000 words.
**Your career**

This programme offers an established entry route into both PhD studies in the UK and internationally, and to medicine at both undergraduate and graduate level.

**Employability**

Students are given the opportunity to take an original research project in a world-renowned centre of excellence. Publications routinely result from the best MSc projects.
Entry requirements

A minimum of an upper second-class UK Bachelor's degree in an appropriate subject (neuroscience or related biological science e.g. physiology, psychology, pharmacology, biochemistry; or a medical degree from a UK university) or an overseas qualification of an equivalent standard is required.

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: Standard.

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:

why you want to study Clinical Neuroscience at UCL
what particularly attracts you to the programme
how you think your previous academic and/or research experience might help you meet the demands of the programme
how the degree might fit into your future career plans

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.

FEES AND FUNDING 2017/18 ENTRY

UK: £13,230 (FT)
EU: £13,230 (FT)
Overseas: £25,490 (FT)

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 Current Students website.

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

APPLICATION DEADLINE

All applicants: 1 September 2017

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

CONTACT

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Telephone: +44 (0)20 3448 4740

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/eu-referendum