TRANSLATIONAL NEUROSCIENCE MRes
2019/20 ENTRY

www.ucl.ac.uk/graduate/
This programme will provide you with a world-class education for advanced training in translational research, from preclinical discovery through to first-time-in-human studies. We conduct clinical trials in healthy volunteers and patient across Neurology and Neurodegeneration.

Degree summary

Students will be located in the internationally renowned UCL Institute of Neurology and the Leonard Wolfson Experimental Neurology Centre (LWENC) within the National Hospital for Neurology and Neurosurgery (NHNN) at Queen Square, London. The programme combines theoretical and practical teaching on both the breadth of, and complexity in conducting clinical research. Topics include clinical pharmacology, pharmacokinetics, research governance, statistics and the fundamental principle for using the correct enabling technologies within the context of medical research and drug development.

The programme is delivered by the UCL Institute of Neurology, a specialist postgraduate institute and a worldwide centre of excellence in clinical research across neurological diseases, including movement disorders (e.g. Parkinson’s disease), multiple sclerosis, neuro-inflammation, epilepsy, stroke, cognitive dysfunction, Alzheimer’s disease and other dementias. Topics will include: Clinical pharmacology Pharmacokinetics Research governance Medical statistics Fundamental principles for using the correct use of enabling technologies within the context of medical research and drug development (e.g. genomics, proteomics, metabolomics, clinical study designs, biomarkers, imaging, electrophysiology, etc.).

Students will be taught by experts in the field and have the opportunity to network with internationally recognised opinion leaders in neurology and neurodegeneration. A list of researchers you can work with is available on the departmental website at: ucl.ac.uk/ion/research/centres/leonard-wolfson-experimental-neurology-centre.

By the end of the programme students will gain a thorough understanding of the challenges involved in setting up research projects, and learn how to design, implement, analyse and report clinical studies. Undertaking an extended piece of primary research in a clinical trials setting alongside internationally recognised researchers is particularly attractive to students wishing to pursue doctoral or clinical research. The focus on translational neurology, from within the specialist research setting of the Leonard Wolfson Experimental Neurology Centre, is also of note.

The programme will combine lectures, workshops and tutorials. Practicals will focus on the role of surrogate markers and emerging technologies in drug development e.g. preclinical discovery, first-time-in-man studies, and early phase clinical trials in healthy volunteers and patients. Assessment is through short answer unseen examinations, coursework and presentations.

Degree structure

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

Students undertake modules to the value of 180 credits. The programme consists of three core modules (60 credits), and a dissertation/report (120 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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**COMPULSORY MODULES**

- Research Integrity & Governance (15 credits)
- Experimental Neurology (30 credits)
- Research Methods and Introduction to Statistics (15 credits)
- Translational Neurology MRes Research Project (120 credits)

**OPTIONAL MODULES**

- There are no optional modules for this programme.

**DISSERTATION/REPORT**

- All students undertake a research project which culminates in a dissertation of 15,000 words.
The programme is designed to cater to graduates in medicine and biomedical sciences who wish to gain valuable training in clinical research before embarking on a clinical PhD programme, medical training, or professional work in clinical trials. The successful completion of the MRes may also enhance opportunities for graduates to enter medical school or for MBBS graduates to progress to specialist medical training.

**Employability**

Whatever your chosen career pathway, the MRes in Translational Neuroscience will equip graduates to either get a first step on the ladder, change career directions or help them become more experienced with a specific expertise.
Entry requirements

A medical degree (MBBS) or a minimum of an upper second-class UK Bachelor’s degree in life or biomedical sciences (for example, neuroscience, pharmacology or chemistry) or an overseas qualification of an equivalent standard.

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 Translational Neuroscience at graduate level
- why you want to study Translational Neuroscience at UCL
- what particularly attracts you to the chosen programme
- how your personal, academic and professional background meets the demands of this challenging 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. Applicants who have a portfolio are strongly recommended to submit it when they apply.

FEES AND FUNDING 2019/20 ENTRY

// UK: £11,060 (FT)
// EU: £11,060 (FT)
// Overseas: £27,040 (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 Students website.

Currently we do not have any scholarships for the MRes in Translational Neuroscience.

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

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Telephone: 020 344 84460

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