NEUROMUSCULAR DISEASE
MRes / 2019/20 ENTRY

www.ucl.ac.uk/graduate/
This specialised postgraduate degree provides expert knowledge in all aspects of neuromuscular diseases and is aimed at professionals wishing to pursue a research career. Students undertake an extended research project in the areas of the pathomechanisms of disease and developing new treatment strategies in the field.

Degree summary

Students on this programme will benefit from the cutting-edge research conducted at the UCL Institute of Neurology and take modules in anatomy and physiology of the neuromuscular system; pathophysiology, genetic and clinical research; and clinical trends in neuromuscular diseases. Students will carry out substantial projects in world-leading laboratories engaged in neuromuscular diseases and attend clinical presentations given by clinical experts.

The UCL Institute of Neurology has a world-class reputation in the treatment and management of patients with a wide range of neuromuscular diseases. Our specialised peripheral nerve and muscle clinics are run by leading clinical experts in the field.

Students will have a unique opportunity to attend clinics and presentations, and learn about the clinical management of a wide variety of neuromuscular diseases.

Students will also acquire specialised expertise in research into neuromuscular disease by conducting cutting-edge clinical and basic science research. We aim to educate the future generation of experts in the area of neuromuscular disease.

The programme is delivered through a combination of lectures, practical sessions, journal clubs, presentations, meetings with supervisor, both oral and poster presentation. Assessment of the taught modules will be a mixture of short-answer multiple choice question examinations and timed essays. The research project will be assessed by a written dissertation, oral and a presentation.

Degree structure

Mode: Full-time: 1 year; Flexible: up to 5 years
Location: London, Bloomsbury

Students undertake modules to the value of 180 credits. The programme consists of one core module (15 credits), two or three optional modules (up to the value of 45 credits), and an extended research project resulting in 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.

COMPULSORY MODULES

- Research Methods and Introduction to Statistics

OPTIONAL MODULES

- Students choose two or three of the following, up to a value of 45 credits:
  - Advanced Genetic Technologies and their Clinical Applications
  - Motoneurons, Neuromuscular Junctions and Associated Diseases
  - Peripheral Nerves and Associated Diseases
  - Skeletal Muscle and Associated Diseases
  - Basic Neuroscience and Investigation of the Nervous System

Students can also choose one elective module from across UCL, subject to approval by the Programme Director.

DISSERTATION/REPORT

- All students undertake an independent research project which culminates in a dissertation of 15,000 words. Many of our MRes projects lead to publication of results in peer-reviewed international journals.
Your career

Our portfolio of taught postgraduate programmes at UCL Institute of Neurology has continued to expand in recent years. Past experience suggests that a postgraduate degree obtained from UCL significantly enhances career and promotion prospects. Many of our graduates have undertaken further study at PhD level, or have successfully applied to medical school. Some clinicians who took time out to obtain an MRes have returned to training, and scientists have progressed to their first research assistant post.

Employability

Whatever your chosen career pathway, this programme will enable you to advance your career to a higher specialised level or help you get more established in your career. As well as gaining knowledge in the specialised field of neurological disease, the extended research project will enable you to gain many transferable skills in conducting research in the clinical and medical science area. Exposure to the cutting-edge research being carried out in this area at UCL will give you an up-to-date perspective on trends in the causality, management and treatment of neuromuscular disease.
Entry requirements

A minimum of an upper second-class Bachelor's degree in a relevant scientific or medical discipline, for example, medicine, biological or biomedical sciences (such as neuroscience, pharmacy, anatomy and physiology), nursing and physiotherapy, or an overseas qualification of an equivalent standard. Applicants with degrees in other disciplines and/or relevant work experience will be considered on an individual basis.

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 Neuromuscular Disease at graduate level
- why you want to study Neuromuscular Disease at UCL
- what particularly attracts you to this programme
- how your 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.

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.

Fees for flexible, modular study are charged pro-rata to the appropriate full-time Master's fee taken in an academic session.

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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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