Neuromuscular Disease MSc

This Master's degree is designed for medical professionals and scientists wishing to specialise in neuromuscular diseases. The programme provides a comprehensive education in all aspects of neuromuscular disease ranging from anatomy and physiology of the neuromuscular system to genetic advances and research, as well as clinical aspects of treatments and identification of neuromuscular diseases.

**Degree summary**

Students will take modules in anatomy and physiology of the neuromuscular system, pathophysiology, genetic and clinical research and current clinical trends in neuromuscular disease. They will undertake projects in world-leading laboratories and attend clinical presentations given by clinical experts in the field. Students will also conduct their own research enabling them to acquire methodological, technical and theoretical understanding.

- The UCL Institute of Neurology has a world-class reputation in the treatment and management of patients with neuromuscular disease. The aim of the programme is to educate the future generation of experts in all areas of neuromuscular disease.
- Our peripheral nerve and muscle clinics are run by leading clinical experts in the field and students will attend clinics and clinical presentations and learn about the clinical management of a wide variety of neuromuscular diseases.
- Students will also acquire specialised expertise in research by conducting cutting-edge clinical and basic science research projects under the supervision of world-renowned scientists in the field.

The programme is delivered through a combination of lectures, practical sessions, journal clubs, presentations, supervisory meetings and poster presentations.

**Degree structure**

Mode: Full-time: 1 year; Part-time: 2 years; Flexible: up to 5 years
Location: London, Bloomsbury

Students undertake modules to the value of 180 credits. The programme consists of five core modules (90 credits), one optional module (15 credits), a literature review (15 credits) and a research project resulting in a dissertation/report (60 credits).

A Postgraduate Diploma, five core modules (90 credits), one option (15 credits) and literature review (15 credits), full-time nine months, part-time two years, flexible five years is also available.

A Postgraduate Certificate, comprising four core modules (60 credits), full-time 12 weeks, part-time nine months, flexible two years, is also available.

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**
- Basic Neuroscience and Investigation of Nervous System
- Motoneurons, Neuromuscular Junctions and Associated Diseases
- Peripheral Nerves and Associated Diseases
- Research Methods and Introduction to Statistics
- Skeletal Muscle and Associated Diseases
- Neuromuscular Literature Review

**OPTIONAL MODULES**

Students choose one of the following:
- Advanced Genetic Technologies and their Clinical Applications
- Paediatric Musculoskeletal Physotherapy
- Paediatric Neuro-Physiotherapy

Students can also choose the optional module more widely from across UCL, with the agreement of the programme organisers.

**DISSERTATION/REPORT**
- All students undertake an independent research project which culminates in a dissertation of 10,000 words. The project can either be laboratory based, offered by scientists at the UCL Institute of Neurology, or a clinical research project offered by leading experts at Queen Square.
The portfolio of graduate taught programmes at UCL Institute of Neurology offers research-embedded clinical teaching to enhance and expand the career progression and opportunities of our students. All of our graduates have reported that their degree enhanced their careers. Many of our MSc graduates have gone on to further study at PhD level, or successfully applied to medical school. Clinicians who took time out to obtain an MSc have returned to training and scientists have progressed to obtain research assistant posts. Those already established in their career have been promoted.

**Employability**

Whatever your chosen career pathway, (medicine, physiotherapy, biological or biomedical sciences, nursing, etc.) this programme will enable you to advance your career to a higher specialised level or help you get more established in your career. The programme will deliver specialised knowledge in the causality, management and treatment of neuromuscular diseases and introduce students to a wide variety of different clinical disorders in the clinics at Queen Square. Students studying for the full MSc will also gain extensive transferable research and critical evaluation skills working with principal investigators who are global experts in this field.
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.

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: £11,060 (FT), £5,500 (PT)
- EU: £11,060 (FT), £5,500 (PT)
- Overseas: £27,040 (FT), £13,450 (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.

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

PDF Updated: December 13, 2018

This information is for guidance only. It should not be construed as advice nor relied upon and does not form part of any contract. For more information on UCL’s degree programmes please see the UCL Graduate Prospectus at www.ucl.ac.uk/graduate