SURGICAL AND INTERVENTIONAL SCIENCES MSc / 2019/20 ENTRY

www.ucl.ac.uk/graduate/
With a focus on skills training and a choice of relevant and progressive optional modules, this programme will give you a competitive advantage in your area of interest. You will deliver a rigorous scientific research project supervised by our renowned experts, with many projects resulting in conference presentations and publications in respected journals.

### Degree summary

You will study three compulsory modules giving you a robust grounding in relevant surgical skills and research methods and select a combination of three optional modules to expand specific knowledge in your areas of interest. These optional modules offer you the opportunity to learn from world leading academics and clinicians. At the heart of the programme is the scientific research project which is repeatedly voted the best part of the course by our students. This exciting internship allows you to explore cutting edge research; it develops your verbal and written communication of science and enriches your skill set and understanding, such that it contributes to your future career.

// UCL is one of the top 10 Faculties of Medical Sciences in the World, Number One for Medicine in London and Number One in Europe For Medical Technology. (QS rankings 2018)

// UCL was rated the top university in the UK for research strength in REF2014. You will be studying alongside some of the worlds most respected and innovative surgeons and academics.

// Students who completed this MSc in 2018 would strongly recommend the MSc to others, based on the surgical skills training; research project; flexibility in module choices and supportive course tutors. 'The Programme Leads are highly supportive. They allow for flexibility and are proactively involved in ensuring your research project is complete'. (Anonymous research project module feedback)

You will be taught through a combination of lectures, seminars, workshops and tutorials. Student performance is assessed through unseen written examination papers, written reports, oral presentations, written coursework and oral examinations, and a dissertation and oral examination for the research project.

### Degree structure

**Mode:** Full-time: 1 year; Part-time: 2 years; Flexible: up to 5 years  
**Location:** London, Hampstead (Royal Free Hospital)

Students undertake modules to the value of 180 credits. The programme consists of a research project (90 credits), three core modules (45 credits) and three optional modules (45 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

- Advanced Surgical Skills (Microsurgery)
- Advanced Surgical Skills (Robotics)
- Research Methodology and Transferable Skills (Part I)

#### OPTIONAL MODULES

Students choose three of the following optional modules:

- Surgical Oncology
- Applied Tissue Engineering
- Transplantation Science
- Biomaterials in Tissue Regeneration: Micro and Nanoscale Surface Structuring
- Clinical Experience in Musculoskeletal Surgery
- Performing Systematic Reviews of Interventions (Part I)
- Performing Systematic Reviews of Interventions (Part II)
- Musculoskeletal Biology (Part I)
- Musculoskeletal Biology (Part II)
- Musculoskeletal Biomechanics and Biomaterials (Part I)
- Musculoskeletal Biomechanics and Biomaterials (Part II)
- Nanotechnology
- Research Methodology and Transferable Skills (Part II)
- Translation of Nanotechnology and Regenerative Medicine (Bench to Bedside)

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#### DISSERTATION/REPORT

You will undertake an independent research project on a subject relating to your clinical interests, culminating in a dissertation of 15-18,000 words and representing 50% of the final mark. We encourage all students to submit their work for presentation at conferences and for publication.
Recent graduates have become junior surgeons in surgical training while the majority of experienced graduates have become consultants in specialist surgical fields, throughout the UK and abroad. Examples include Consultant in Colorectal Surgery, Royal Free Hospital NHS; Senior Fellow in Microsurgery Training, Perth Australia; Senior Oral Surgeon, at KRG, Iraq.
Entry requirements

A medical qualification from a UK university or an overseas qualification of equivalent standard. Applicants may have clinical experience, but this is not essential.

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 Surgical and Interventional Sciences at graduate level
- why you want to study Surgical and Interventional Sciences at UCL
- what particularly attracts you to this programme
- how your academic and professional background meets the demands of this 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: £15,220 (FT), £7,780 (PT)
// EU: £15,220 (FT), £7,780 (PT)
// Overseas: £29,220 (FT), £14,610 (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.

The possibility of RMO (Resident Medical Officer) or SHO locum positions: In order to qualify you must have full GMC registration and hold current ALS certification.

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