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Closing date: The deadline for applications is 30 June for international applicants and 1 August for UK/EU applicants.

MSc
Experimental Pharmacology and Therapeutics

Scanning Electron Micrograph Cover Image:
Triamcinolone crystals
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This programme is suitable for graduates in science-based subjects who wish to pursue a career in academic research, pharmaceutical industry, clinical investigations or drug regulatory authorities.

The programme is a joint venture of the two internationally leading UCL academic groups with outstanding teaching and research profiles in the field of pharmacology, viz. the Department of Pharmacology (School of Pharmacy) and the Department of Neuroscience, Physiology and Pharmacology (Division of Biosciences). The programme is led by Dr Jasmina Jovanovic (SOP) and Dr Talvinder Sihra (NPP).

Drawing upon the collective expertise of the partner departments in pharmacology/therapeutics, the programme aims at developing a unique set of experimental skills and their application towards drug development and therapeutics. The combination of teaching traditional and advanced experimental approaches in pharmacology, coupled with current innovations in therapeutics is a key strength of the programme which will enable the prospective students to rapidly engage in various aspects of scientific research globally.

The programme is delivered through a combination of lectures, journal clubs, practicals, tutorials and a laboratory project. Student performance is evaluated through formal examination, coursework, and the research project.

Programme outline: Full-time, 12 months starting in September 2014, divided into a taught module component (90 credits) and a dissertation project (90 credits).

Core modules include:

- Investigative Pharmacology
- Practice of Science
- Molecular Pharmacology

Optional modules include:

- Neuropharmacology
- Receptor Mechanisms
- Immunopharmacology
- Psychopharmacology
- Synaptic Pharmacology
- CNS Pharmacology & Disorders
- Advanced Cardiovascular Pharmacology
- CNS Drugs of Abuse
- Epileptic Disorders
- Drug Discovery and Clinical Development
- New Drug Targets in the CNS

Dissertation project consists of a 10-month original piece of laboratory-based research.

Entry criteria and suitability: The minimum entry requirement will be an upper second-class UK BSc in the Life Sciences, Pharmaceutics, Biotechnology or Pharmacy from any UK university, or an overseas qualification of an equivalent standard. Those with an appropriate professional qualification and relevant work experience may also apply. All students whose first language is not English must demonstrate a proficiency in English language, equivalent to an IELTS score of 7.0 overall with a minimum of 6.0 in any subtest.

For further information visit:
http://www.ucl.ac.uk/pharmacy/study or
http://www.ucl.ac.uk/prospective-students/graduate-study
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