PHARMACOLOGY BSc
UCAS CODE: B210
2019 ENTRY

www.ucl.ac.uk/prospectus
Pharmacology BSc

The subject of pharmacology is immensely broad and covers areas of physiology, chemistry, neuroscience, biochemistry, and genetics. This flexible three-year programme offers a thorough training in the subject and students retain the option of applying to transfer to the MSci at the end of year two.

Key information

Programme starts
September 2019

Location
London, Bloomsbury

Degree benefits

// Pharmacology at UCL offers you an outstanding academic environment. We are internationally renowned in the discipline and are recognised for numerous major discoveries.

// It is our aim to combine excellence in research with high-quality pharmacology teaching. We have particular expertise in areas such as neuropharmacology and immunopharmacology.

// In your final year, you will have the opportunity to join a world-leading research team to carry out your own research project.

// We offer modern, state-of-the-art facilities, and are located adjacent to the Medical Research Council's Laboratory for Molecular Cell Biology, allowing for collaborative final-year projects.

Degree structure

In each year of your degree you will take a number of individual modules, normally valued at 15 or 30 credits, adding up to a total of 120 credits for the year. Modules are assessed in the academic year in which they are taken. The balance of compulsory and optional modules varies from programme to programme and year to year. A 30-credit module is considered equivalent to 15 credits in the European Credit Transfer System (ECTS).

Pharmacology is wide-ranging and some of your modules will be taken with other Life Sciences students and will draw on expertise from across the faculty.

In the first year, all modules are compulsory, giving you a solid foundation on which to draw in years two and three. Year two mainly comprises compulsory work, including both practical classes and lectures. In your final year you have only one compulsory module, leaving you free to pursue your interests by choosing from a wide range of specialist options.

Many students undertake a nine-week laboratory research project in their final year. This provides an opportunity to work side-by-side with some of the most outstanding scientists in the field. You may find this particularly helpful in making choices about your future career, and whether you would like to pursue postgraduate study.

You may also consider a ‘sandwich’ year in your programme, taken between years two and three, spending your time in the pharmaceutical industry or another pharmacology-related area. These are offered on a competitive basis but contacts between our staff and colleagues in industry open up many opportunities.

YEAR ONE

Compulsory subjects

// An Introduction to Mechanisms of Drug Action
// Cells and Development
// Cellular and Molecular Biology
// Chemistry for Biology Students
// Mammalian Physiology
// Statistics

Core foundational modules

// All first year modules are compulsory.

YEAR TWO

Core or compulsory module(s)

// Biochemistry
// Experimental Pharmacology
// General and Systematic Pharmacology
// Immunity to Infection
// Structure and Function of the Nervous Systems

Optional modules

// Options may include:
// Animal and Human Physiology - Maintenance and Regulatory Mechanisms
// Cellular Neurophysiology
// Developmental Neurobiology
// Human Neuroanatomy
// Management Information and Control
// Medical Microbiology
// Modern Languages
// Science in the Mass Media
Data taken from the 'Destinations of Leavers from Higher Education' survey undertaken by HESA looking at the destinations of UK and EU students in the 2013-2015 graduating cohorts six months after graduation.
**Entry requirements**

**A LEVELS**

**Standard Offer:** AAB. Chemistry required plus one from Biology, Mathematics or Physics.

**Contextual Offer:** ABB. Chemistry required plus one from Biology, Mathematics or Physics.

**GCSE**

English Language and Mathematics at grade B or 6. For UK-based students, a grade C or 5 or equivalent in a foreign language (other than Ancient Greek, Biblical Hebrew or Latin) is required. UCL provides opportunities to meet the foreign language requirement following enrolment, further details at: [www.ucl.ac.uk/ug-requirements](http://www.ucl.ac.uk/ug-requirements)

**IB DIPLOMA**

**Standard Offer:** 36. A total of 17 points in three higher level subjects including Chemistry and one subject from Biology, Mathematics or Physics, with no score below 5.

**Contextual Offer:** 34. A total of 16 points in three higher level subjects including Chemistry and one subject from Biology, Mathematics or Physics, with no score below 5.

**CONTEXTUAL OFFERS – ACCESS UCL SCHEME**

As part of our commitment to increasing participation from underrepresented groups, students may be eligible for a contextual offer as part of the Access UCL scheme. For more information see [www.ucl.ac.uk/prospectus](http://www.ucl.ac.uk/prospectus)

**OTHER QUALIFICATIONS**

UCL considers a wide range of UK and international qualifications for entry into its undergraduate programmes. Full details are given at: [www.ucl.ac.uk/otherquals](http://www.ucl.ac.uk/otherquals)

**UNDERGRADUATE PREPARATORY CERTIFICATES (International foundation courses)**

UCL Undergraduate Preparatory Certificates (UPCs) are intensive one-year foundation courses for international students of high academic potential who are aiming to gain access to undergraduate degree programmes at UCL and other top UK universities.

Typical UPC students will be high achievers in a 12-year school system which does not meet the standard required for direct entry to UCL.

For more information see: [www.ucl.ac.uk/upc](http://www.ucl.ac.uk/upc).

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**TUITION FEES**

The fees indicated are for undergraduate entry in the 2019/20 academic year. The UK/EU fees shown are for the first year of the programme at UCL only. Fees for future years may be subject to an inflationary increase. The Overseas fees shown are the fees that will be charged to 2019/20 entrants for each year of study on the programme, unless otherwise indicated below.

- UK & EU: £9,250 (2019/20)
- Overseas: £24,760 (2019/20)

Full details of UCL’s tuition fees, tuition fee policy and potential increases to fees can be found on the UCL Students website.

**Additional costs**

If you are concerned by potential additional costs for books, equipment, etc. on this programme, please get in touch with the relevant departmental contact (details given on this page).

**FUNDING**

Various funding options are available, including student loans, scholarships and bursaries. UK students whose household income falls below a certain level may also be eligible for a non-repayable bursary or for certain scholarships. Please see the [Fees and funding](#) pages for more details.

**CONTACT**

**Email:** biosciences-admissions@ucl.ac.uk

**Telephone:** 020-7679-7169

**Department:** Division of Biosciences

**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/ucl-and-europe](http://www.ucl.ac.uk/ucl-and-europe)

**Disclaimer**

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 Undergraduate Prospectus at [www.ucl.ac.uk/prospectus](http://www.ucl.ac.uk/prospectus).