Pharmaceutics is the science of medicines design. This MSc was introduced in direct response to the requirements of the pharmaceutical industry for highly skilled formulation scientists capable of taking promising new drug candidates and developing them into world-class medicines. Graduates of this programme are highly competitive in the global jobs market.

Degree summary

This programme provides education in the science of successful medicines design, development and manufacture. Students acquire the key skills needed to pursue a career in industrial product development or a research career in the design of drug delivery systems. Particular emphasis is placed on developing research skills.

// The research project, perhaps the most exciting aspect of this programme lasts four months. During this period you will join the research team of one of our world-leading academics, pursuing research that will advance the progress of contemporary medicine design.

// Our close links with the UK pharma industry mean we can arrange careers days and other networking opportunities where you will have direct access to potential employers.

// We have introduced elements to the programme which will provide evidence of continuing professional development and increase your employability. These include building a portfolio of practical and analytical skills, and classes to develop your key skills in communication, calculations, and IT.

The programme is delivered through a combination of lectures, tutorials and seminars, as well as industrial visits. Assessment is through a combination of written examinations, coursework assignments, and the research project.

Degree structure

Mode: Full-time: 1 year
Location: London, Bloomsbury

Students undertake modules to the value of 180 credits. The programme consists of five core modules (75 credits), optional modules (45 credits) and a research dissertation (60 credits).

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<th>CORE MODULES</th>
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<tr>
<td>Analysis and Quality Control</td>
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<td>Preformulation</td>
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<tr>
<td>Formulation of Small Molecules</td>
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<td>Personalised Medicine</td>
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<td>Pharmaceutical Biotechnology</td>
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<th>OPTIONAL MODULES</th>
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<tr>
<td>Clinical Pharmaceutics</td>
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<td>Nanomedicine</td>
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<td>Formulation of Natural Products and Cosmeceuticals</td>
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<td>Polymers in Drug Delivery</td>
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<td>Initiating a Pharmaceutical Start-Up</td>
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<th>DISSERTATION/REPORT</th>
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<td>All students undertake a research project, which is the major component of the MSc programme and culminates in a written dissertation and oral presentation.</td>
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</table>
**Your career**

Graduates of this programme progress to careers in various areas of the pharmaceutical and biotechnology industries, including research, product development and manufacturing, clinical trials and regulatory affairs. Others pursue a PhD in the UK or overseas. For instance, our recent graduates have found work with major companies such as Aptuit, Quintiles IMS and Pfizer, and undertaking PhDs in leading universities such as UCL and the University of Nottingham.

**Employability**

Employability skills are embedded in the programme, with emphasis placed on the development of "soft" skills, and a series of bespoke sessions organised on CV writing, undertaking interviews, and networking. We make extensive efforts to provide opportunities for students to meet and connect with potential employers.
Entry requirements

A second-class UK Bachelor's degree or higher in pharmacy, pharmaceutical science, physical science, chemistry, chemical engineering, materials science, biotechnology, pharmaceutics or a related field in the life or physical sciences, or an overseas qualification of an equivalent standard is required.

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: Good.

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:

// how your academic and professional background meets the demands of Pharmaceutics

// why you want to study Pharmaceutics at graduate level

// what particularly attracts you to this programme at the UCL School of Pharmacy

// where you would like to go professionally with your degree and how this programme meets these needs

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.

Application fee: There is an application processing fee for this programme of £75 for online applications and £100 for paper applications. More details about the application fee can be found at www.ucl.ac.uk/prospective-students/graduate/taught/application,

FEES AND FUNDING 2018/19 ENTRY

// UK: £13,350 (FT), £N/A (PT)
// EU: £13,350 (FT), £N/A (PT)
// Overseas: £25,880 (FT), £N/A (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 Current Students website.

Full details of funding opportunities can be found on the UCL Scholarships website: www.ucl.ac.uk/scholarships

APPLICATION DEADLINE

All applicants: 27 July 2018

Details on how to apply are available on the website at: www.ucl.ac.uk/graduate/apply

CONTACT

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Telephone: +44(0)20 7753 5968

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/eu-referendum

PDF Updated: November 18, 2017

This information is for guidance only. It should not be construed as advice or 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