Our Pharmacy MPharm is a fully-accredited four-year pharmacy degree, based in the heart of London, that combines the study of pharmaceutical science with the practise of pharmacy. As experts in medicine, pharmacists are taking on increasingly important roles in modern healthcare teams, as well as enjoying exciting career options in diverse health-related sectors, from the hospital service and community practice to the pharmaceutical industry. Our course will allow you to join this profession, as the Master of Pharmacy (MPharm) is the only UK qualification that leads to professional registration as a pharmacist.

Key benefits
- We are ranked 7th in the world for Pharmacy & Pharmacology (QS World University Rankings by Subject 2017).
- 83 per cent student satisfaction (National Student Survey 2016).
- Career opportunities through international exchanges and work placements in industry and leading clinical environments.
- Clinical placements and enhanced pre-registration opportunities at our partner NHS Hospital Foundation Trusts: Guy’s and St Thomas’, King’s College Hospital and the South London and Maudsley.
- Teaching by internationally renowned scientists, researchers and pharmacy practitioners.
- The MPharm degree is the only qualification that leads to professional registration as a pharmacist.

Course details
We have designed our MPharm degree to provide an integrated course which combines pharmaceutical science with the practice of clinical pharmacy. It will train you to deal effectively with change and the increasing complexities of the pharmacists’ role. Our course responds directly to the requirements and guidance of the professional regulatory body, the General Pharmaceutical Council (GPhC). We teach the therapeutic use of medicines (professional practice) throughout the four years, and you will spend a significant and increasing amount of time on placements to consolidate this learning.

Your first year will give you a grounding in the basic principles of pharmacy. Your second and third years will cover Science Informing & Influencing Practice: Pharmacy & Therapeutics. In your final year, our Science Advancing Practice: Pharmacy into Practice module will teach you about the therapeutic use of medicine through case studies and hospital ward rounds. You will undertake a research project and have the opportunity to choose specialised topics that interest you.

As part of King’s Health Partners, we work closely with three of London’s major teaching hospitals - Guy’s, King’s and St Thomas’. These hospitals are a unique training resource, offering you multiple locations for clinical placements and the benefit of expert teaching from staff at the hospitals.
Teaching
Across the four years of the course, an average of 22% of time is spent in lectures, seminars or similar. The number and type of contact hours vary according to each module. Students have access to a module database, which details number and type of contact hours for each module.

The following table will give you an idea of what a typical academic year might look like as you progress through your studies:

<table>
<thead>
<tr>
<th>Course stage</th>
<th>Percentage of time in scheduled learning and teaching activities</th>
<th>Percentage of time in guided independent study</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 1</td>
<td>26%</td>
<td>74%</td>
</tr>
<tr>
<td>Year 2</td>
<td>28%</td>
<td>72%</td>
</tr>
<tr>
<td>Year 3</td>
<td>29%</td>
<td>71%</td>
</tr>
<tr>
<td>Year 4</td>
<td>13%</td>
<td>87%</td>
</tr>
</tbody>
</table>

A proportion of your scheduled learning time will be experiential learning, comprising 13% in Year 1, 24% in Year 2, 28% in Year 3 and 35% in Year 4.

Typically, one credit equates to 10 hours of work.

Assessment
You are assessed through a combination of coursework and examinations and may typically expect assessment by:

<table>
<thead>
<tr>
<th>Course stage</th>
<th>Percentage of assessment by written exams</th>
<th>Percentage of assessment by practical exams</th>
<th>Percentage of assessment by coursework</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 1</td>
<td>60%</td>
<td>5%</td>
<td>35%</td>
</tr>
<tr>
<td>Year 2</td>
<td>60%</td>
<td>14.5%</td>
<td>25.5%</td>
</tr>
<tr>
<td>Year 3</td>
<td>60%</td>
<td>4%</td>
<td>36%</td>
</tr>
<tr>
<td>Year 4</td>
<td>20%</td>
<td>15%</td>
<td>65%</td>
</tr>
</tbody>
</table>

The study time and assessment methods detailed above are typical and give you a good indication of what to expect. However, they may change if the course modules change.

Course accreditation
This course is accredited by the General Pharmaceutical Council (GPhC).

Regulating body
King’s College London is regulated by the Higher Education Funding Council for England.

Course structure
Courses are divided into modules. You will normally take modules totalling 480 credits.

Year 1
Science Underpinning Practice: Principles of Pharmacy

Required modules
You are required to take:
- Biochemical Basis of Therapeutics (30 credits)
- Principles of Clinical Care (30 credits)
- Physical Pharmaceutics (30 credits)
- Chemistry of Drugs (30 credits)

Year 2
Science Informing and Influencing Practice: Pharmacy and Therapeutics

Required modules
You are required to take:
- Formulation & Analysis of Drugs (30 credits)
- Nervous System (30 credits)
- Cardiovascular & Renal Systems (30 credits)
- Respiratory & Musculoskeletal Systems (30 credits)

Year 3
Science Informing and Influencing Practice: Pharmacy and Therapeutics (cont.)

Required modules
You are required to take:
- Infection & Pharmaceutical Microbiology (30 credits)
- Medicines Discovery & Development (30 credits)
- Endocrine System & Cancer (30 credits)
- Gastrointestinal System & Skin (30 credits)

Year 4
Science Advancing Practice: Pharmacy into Practice

Required modules
You are required to take:
- Clinical Decision Making (30 credits)
- Research Project (60 credits)
- Emerging Therapeutics & Modern Medicines (30 credits)

You will also have the opportunity to study abroad for the first semester of your fourth year. Our partner institutions currently include:
- Universität Wien
- Johann Wolfgang Goethe-Universität Frankfurt am Main
- Universidad CEU San Pablo, Madrid
- Universita degli Studi di Bologna
- Università degli Studi di Padova “Il Bo”
- Paris Descartes University
- University of Rome ‘La Sapienza’
- Philippus-Universität Marburg
- Universiteit Utrecht
- Göteborgs Universitet - Sahlgrenska Academy
- University of São Paulo (USP)
- University of Auckland
- University of Pittsburgh
- Universiti Sains Malaysia
- University of Hong Kong

King’s College London reviews the modules offered on a regular basis to provide up-to-date, innovative and relevant programmes of study. Therefore, modules offered may change. We suggest you keep an eye on the course finder on our website for updates.
**Location**

This course is primarily taught at the King’s College London Waterloo Campus. Clinical placements are located in London and South East England. The School of Bioscience Education offers you unrivalled education resources, including modern, well-funded teaching facilities. You can read more about specialist facilities at: www.kcl.ac.uk/lsm/education/biosci/facilities/index.aspx

**Career prospects**

Pharmacy is a rewarding, well paid, secure career with opportunities to contribute to the health and well-being of the nation.

Pharmacists are experts on the discovery, development, manufacture and supply of medicines. In addition to making sure medicines are safe and helping patients get maximum benefit from them, pharmacists provide advice on staying healthy and dealing with minor ailments. Practising pharmacists are an important part of the healthcare team that also comprises doctors, nurses, physiotherapists and dieticians.

Branches of pharmacy include:

- Community practice
- The hospital service
- The pharmaceutical industry
- The Department of Health

The vocational nature of the MPharm degree, combined with the permanent demand for qualified healthcare professionals both in the UK and abroad, means that there are exceptionally high graduate employment rates for MPharm graduates. The career and salary prospects are attractive, as are the opportunities for part-time work. Almost all pharmacy graduates undertake the year’s pre-registration training; the majority in community practice (60 per cent) or hospitals (about 20 per cent), with the remainder employed in industry or postgraduate studies.

There are opportunities at King’s and other academic institutions to continue your studies at postgraduate level, if you are interested in a career in research.

**Fees and funding**

**Full-time tuition fees – UK**

The UK tuition fees for the 2018–19 academic year are available on the course web page.

Please note that the tuition fees for subsequent years of study may be subject to increases in line with King’s terms and conditions.

**Full-time tuition fees – EU**

Current regulations allow some students to pay UK tuition fees on the basis of their EU citizenship or residency. Until these eligibility criteria are changed, the EU tuition fee will remain the same as the UK tuition fee.

The UK tuition fees for the 2018–19 academic year are available on the course web page.

Please note that the tuition fees for subsequent years of study may be subject to increases in line with King’s terms and conditions.

**Full-time tuition fees – International**

The International tuition fees for the 2018-19 academic year are available on the course web page.

Please note that the tuition fees for subsequent years of study may be subject to increases in line with King’s terms and conditions.

All International applicants to undergraduate programmes are required to pay a deposit of £2,000 against their first year’s tuition fee. This deposit is payable when you firmly accept an unconditional offer to study with us, and will be offset against your tuition fees when you join King’s.

For further information, please visit the fees and funding section of our website: www.kcl.ac.uk/study/undergraduate/fees-and-funding/index.aspx
Additional costs
If you choose the study abroad option with one of King’s partner universities, you will not be charged tuition fees by the host university (although some partners do charge a small administration fee for applying). Please see the Study Abroad webpages for details of the relevant partner universities.

King’s will continue to invoice for a proportion of King’s tuition fees. At present these are as follows:

• Home students studying for a semester abroad will receive an invoice for £6,000 for King’s tuition fees for the year
• Overseas students studying for a semester abroad will receive an invoice for two thirds of the King’s tuition fees for the year

You should also budget to pay for the associated subsistence costs, such as travel, visas, accommodation and food as well as any vaccination/immunisations required by the country to which you are travelling.

In addition to the costs above, you can also expect to pay for:

• books if you choose to buy your own copies
• clothing for optional course related events and competitions
• library fees and fines
• personal photocopies
• printing course handouts
• society membership fees
• stationery
• graduation costs
• Travel costs for travel around London and between campuses.

Disclaimer
This PDF was produced in August 2017. Although it was up-to-date at the time it was produced, please make sure you check our website www.kcl.ac.uk/study or contact us directly for the very latest information before you commit yourself to any of our courses.

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