The Clinical Pharmacology course will give you the advanced skills and knowledge to evaluate the safety of new medicinal products in preparation for medical approval. It is one of three modular courses in Pharmaceutical Medicine designed for working physicians, clinical scientists and allied health professionals interested in the clinical development process.

Key benefits

- King’s is ranked 7th in the world for Pharmacy & Pharmacology (QS World University Rankings by Subject 2017).
- Lectures delivered by experienced multi-disciplinary researchers from the biopharmaceutical sector and the regulatory authorities.
- Flexible study schedule with the option to complete a PG Diploma (coursework only) or PG Certificate.
- Coordinated study programme with the PharmaTrain and the Faculty of Pharmaceutical Medicine of the Royal College of Physicians curricula.
- The first UK course that complies with both the PharmaTrain initiative of the European Commission and the Bologna Process and is the PharmaTrain Centre of Excellence.

Course details

Clinical Pharmacology is the study of how drugs influence human physiology and the way the body responds. This study forms a vital part of the clinical development of new medicines and requires an advanced understanding of pre-clinical science, as well as the ethical and legal requirements for specialist research programmes. A well-designed clinical pharmacology course informs the final regulatory of a new medicine. Therefore, generating skilled clinical pharmacologists is critical for the efficiency of future drug development.

This course will provide you with a broad knowledge and understanding of the drug development process and the medical aspects of the marketing of pharmaceutical products. You will also have opportunities to undertake advanced research projects and the possibility of one or more thesis publications.

The course is made up of optional and required modules. The MSc pathway requires modules totalling 180 credits to complete the course, including 60 credits from a dissertation of around 15,000-18,000 words. The Postgraduate Diploma pathway will require modules totalling 120 credits, while the Postgraduate Certificate will require you to study modules totalling 60 credits to complete the course.

If you are studying the MSc, you will complete the course in one year, from September to September. If you are studying for the MSc qualification part-time, your course will take up to four years to complete. The Postgraduate Diploma will take two to three years to complete and the Postgraduate Certificate up to two years.
Teaching
Clinical Pharmacology MSc Pathway

<table>
<thead>
<tr>
<th>Module</th>
<th>Lectures, seminars and feedback</th>
<th>Self-study</th>
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<tbody>
<tr>
<td>Per 15-credit taught module</td>
<td>The total contact time for each 15-credit taught module is 30 hours. These sessions will include lectures, teacher-led and student-led group discussions based on the main areas of study.</td>
<td>Each 15-credit taught module: 2-4 hours pre-reading 30-40 hours researching and writing assignments, and 10-20 hours preparing for an MCQ exam.</td>
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Dissertation module
Throughout the year, you can expect to receive approximately 80 hours’ tutorials, supervision of dissertation research, plus ad hoc academic tutor meetings including assignment feedback.

Approximately 200-300 hours researching and writing. Longer study times can be expected if you are pursuing laboratory-based projects with extended practical work timescales.

Typically, one credit equates to 10 hours of work.

Clinical Pharmacology Postgraduate Diploma and Certificate Pathway

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Typically, one credit equates to 10 hours of work.

Assessment
The primary method of assessment for this course is a combination of coursework and written examinations. The MSc course also requires a research and dissertation on the subject of clinical pharmacology.

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

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:

- MSc – modules totalling 180 credits
- PG Diploma – modules totalling 120 credits
- PG Cert – modules totalling 60 credits

Clinical Pharmacology MSc Pathway
Required modules
You are required to take:

- Practical Clinical Pharmacology (15 credits)
- Drug Discovery & Development (15 credits)
- Preclinical Science (15 credits)
- Theoretical & Practical Pharmacokinetics (15 credits)
- Advanced Clinical Pharmacology (15 credits)
- Biological & Advanced Therapies (15 credits)
- Clinical Drug Development (15 credits)
- Drug Development Pharmacology (15 credits)
- Dissertation (60 credits)

Clinical Pharmacology Postgraduate Diploma
Part-time Pathway
Required modules
You are required to take 30 credits from the following modules:

- Practical Clinical Pharmacology (15 credits)
- Preclinical Science (15 credits)
- Theoretical & Practical Pharmacokinetics (15 credits)
- Advanced Clinical Pharmacology (15 credits)
- Clinical Drug Development (15 credits)
- Drug Development Pharmacology (15 credits)

Optional modules
You are required to take an additional 30 credits from a range of optional modules that may typically include:

- Drug Discovery & Development (15 credits)
- Biological & Advanced Therapies (15 credits)
- Drug Regulatory Affairs (15 credits)
- Drug Safety & Ethics (15 credits)
- Healthcare Market Place (15 credits)
- Drug Development Statistics & Data Management (15 credits)

Clinical Pharmacology Postgraduate Certificate
Part-time Pathway
Required modules
You are required to take 30 credits from the following modules:

- Practical Clinical Pharmacology (15 credits)
- Preclinical Science (15 credits)
- Theoretical & Practical Pharmacokinetics (15 credits)
- Advanced Clinical Pharmacology (15 credits)
- Clinical Drug Development (15 credits)
- Drug Development Pharmacology (15 credits)

Optional modules
You are required to take an additional 30 credits from a range of optional modules that may typically include:

- Drug Discovery & Development (15 credits)
- Biological & Advanced Therapies (15 credits)
- Drug Regulatory Affairs (15 credits)
- Drug Safety & Ethics (15 credits)
- Healthcare Market Place (15 credits)
- Drug Development Statistics & Data Management (15 credits)

Part time students are recommended to take three 15 credit modules a year. The choice of module order will be dependent on the student’s experience and previous qualifications and students are recommended to discuss their best options with the course director.
King’s College London reviews the modules offered on a regular basis to provide up-to-date, innovative and relevant courses 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. Please note that locations are determined by where each module is taught and may vary depending on the optional modules you select.

Career prospects

It is expected that students who complete this course will be able to work in the clinical research arena at a higher level and this will open up job opportunities that might have previously been beyond their reach and enhance their value to their employers.

Fees and funding

Full-time and part-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 and part-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 and part-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.

Deposit

When you receive an offer for this course you will be required to pay a non-refundable deposit to secure your place. The deposit will be credited towards your total fee payment.

The UK/EU deposit is £500.

The International deposit is £2,000.

For further information, please visit the fees and funding section of our website: www.kcl.ac.uk/study/postgraduate/fees-and-funding/index.aspx

Additional costs

In addition to your tuition fees, 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
• travel costs for travel around London and between campuses
• graduation costs.

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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