

# PHARMACY

The MPharm degree is designed to help students become experts in medicines with the skills to work effectively with patients and the multidisciplinary healthcare team.

## COURSE CONTENT

The course integrates the chemical and biological sciences with the discovery, design, evaluation and production of medicines and their clinical application to all areas of practice. A variety of placements and simulated learning with multidisciplinary teams help students develop the knowledge and skills to be a valued and effective member of the health care team.

The modules are:

### • Stage 1

- Structure, Reactivity and Mechanism in Organic and Biorganic Chemistry
- Practising as a Pharmacist
- Physiology for Pharmacy
- Pharmaceutical Microbiology
- Physical Pharmaceutics

### • Stage 2

- Pharmaceutical Technology
- Applied Clinical Pharmacology and Therapeutics
- Medicinal Substances

### • Stage 3

- Drug Design/Pharmaceutical Analysis
- Advanced Delivery Systems for Large and Small Molecules
- Clinical Therapeutics
- Pharmacy Practice

### • Stage 4

- Research Project
- Pharmacy Practice Responding to Symptoms
- Advanced Pharmaceutical Care
- Business Government and Industry
- Advancement of Practice Through Evidence

**The Pharmacy degree programme at Queen's is ranked 4th in the UK.**

(Guardian University Guide 2019)

## WHY QUEEN'S?

### • Professional Accreditation

The degree is accredited by the General Pharmaceutical Council (GPhC) in Great Britain and the Pharmaceutical Society of Northern Ireland (PSNI), as the relevant regulators.

### • Industry Links

The School of Pharmacy has developed close links with a wide variety of industry partners through research and teaching at a local, national and international level. Students are taught by practising pharmacists from the community, primary care and hospital setting and the School's Careers Liaison Officer ensures that students are aware of all career opportunities and prepared for application and interview processes.

### • Career Development

A feature of this MPharm is an increasing experience of the clinical environment through inclusion of clinical placements in both community and hospital settings.

### • World-Class Facilities

The School of Pharmacy at Queen's is acknowledged as a leading centre for Pharmacy teaching and research in the UK.

At Queen's we believe in providing students with as authentic a learning experience and environment as possible. Our recently renovated Pharmacy Practice Unit consists of everything you would find in a contemporary community pharmacy. In addition we have world-leading research laboratories with the best technology in the industry.



## MPharm

Pharmacy 4 yrs (B230)

See also Pharmaceutical Sciences and Pharmaceutical Biotechnology

## Entrance Requirements

### A-level:

AAB including A-level Chemistry and at least one other A-level from Biology, Mathematics or Physics + GCSE Biology grade C or GCSE Double Award Science grades CC + GCSE Mathematics grade C.

**Note:** Biology to at least AS preferred. Please note that only one Mathematics subject will be counted at A-level. A-level Critical Thinking and General Studies are not acceptable.

### Graduates:

A minimum of an Upper Second Class Honours degree preferably in a relevant subject. Those with an Upper Second Class Honours degree in a non-relevant subject may be considered if they have the appropriate science background at GCSE and A-level. Shortlisted applicants will be required to attend an interview as part of the selection process.

### All Applicants

• As a result of current legislative requirements any offer made will be conditional on a satisfactory criminal history check (Access NI Enhanced Disclosure Check). To enable the University to request this check you will be required to provide some personal information which will be treated in the strictest of confidence and in line with Data Protection Principles. The current cost of an Enhanced Disclosure Check is £33. At the time of printing changes are due to be implemented and relevant procedures and/or costs may change. Applicants will be advised of the relevant requirements at the appropriate time. For international students, a Certificate of Good Conduct or equivalent will be required in lieu of an Access NI check.

• The degree is subject to the University's regulations on Fitness to Practise.

• Applicants will be required to give permission for a check against the Excluded Student Database prior to offers being made. This is a national database which records those who have previously been excluded from professional programmes.

### For students whose first language is not English

An IELTS score of 6.5 with a minimum of 6.0 in each test component or an equivalent acceptable qualification, details of which are available at: [go.qub.ac.uk/EnglishLanguageReqs](http://go.qub.ac.uk/EnglishLanguageReqs)

## CAREERS/FURTHER STUDY

To become a pharmacist in the UK, you will need to complete a four year MPharm degree, a year of preregistration training in the UK and pass an entrance exam set by the GPhC (England, Scotland and Wales) or the PSNI (Northern Ireland). The MPharm course at Queen's is accredited by the General Pharmaceutical Society (GPhC) and the Pharmaceutical Society of Northern Ireland (PSNI).

Our graduates typically pursue careers in three main employment sectors, namely, community pharmacy, hospital pharmacy and the pharmaceutical industry; however, graduates can develop careers in a range of other sectors. Examples of the major career sectors that have attracted our graduates in recent years:

- Hospital pharmacy
- Community pharmacy and primary care
- Scientific publishing

- Industrial pharmacy
- Academic pharmacy
- Varied graduate programmes (Times Top 100 Graduate Recruiters/AGR, Association of Graduate Recruiters UK)

Further information regarding careers in pharmacy may be obtained from the Royal Pharmaceutical Society.

### • Consultations

We regularly consult and develop links with a large number of employers including, for example, multinational and independent pharmacies and trusts who provide placements for students and who contribute to the undergraduate teaching on the MPharm and who are members of the stakeholders' panel for the course.

### • Further Study

Further study is also an option open to MPharm graduates. Students can choose from a wide range of Master's programmes as well as a comprehensive list of research topics.

“The high standard of teaching and research, as well as helpful and supportive staff at the School of Pharmacy, have made my time as a student truly exceptional.”

Ing Ho Kong, Malaysia, Pharmacy Student and Lead International Mentor

### Entrance requirements

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t: +44 (0)28 9097 3838

### Course information

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