



**School of Pharmacy**



**University College Cork, Ireland**  
Coláiste na hOllscoile Corcaigh

# PHARMACY

**BPharm/MPharm**

**Course Code: CK703; Duration: 5 years**



***"The blend of clinical, industrial and regulatory expertise delivered by knowledgeable and approachable lecturers makes this a highly valuable degree".***

## WHY STUDY PHARMACY AT UCC?

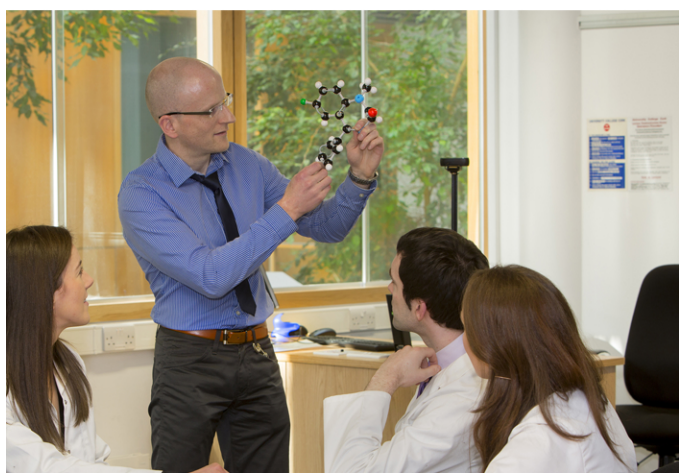
If you have an interest in science and healthcare, then you should consider Pharmacy as a career option. Pharmacy is the study of the many features of drugs; including their design, manufacture, formulation into a medicine and how they work in the body. The pharmacy degree course also provides training to ensure that medicines are used safely and effectively to improve the lives of patients. As drugs and medicines experts, pharmacists are vital members of the healthcare team in both community and hospital settings. Qualified pharmacists are also invaluable in the pharmaceutical industry and in drug regulatory settings, such as the Health Products Regulatory Authority, to ensure that the drugs and medicines available on the market are safe for humans or animals.

Students who enter the UCC Pharmacy programme will graduate with a level 9 MPharm degree. Once you have successfully completed your first four years (BPharm) you will then progress to the fifth year (MPharm).

The pharmacy degree is designed to integrate both the subjects you will study and the placements you will undertake so that you can readily understand and apply your knowledge of science and healthcare to drug treatment for patients.

After you have been awarded the MPharm degree you are eligible to register with the Pharmaceutical Society of Ireland and to practise as a Pharmacist.

Practice/work placements will be an integral part of the programme over the five years. Placements can be carried out in community, hospital or industry as well as within regulatory organisations but the final eight-month placement in year 5 must be carried out in a patient facing setting.



## PLACEMENT DURATION

<b>YEAR 1</b>	1 day
<b>YEAR 2</b>	2 weeks
<b>YEAR 3</b>	2 months (optional)
<b>YEAR 4</b>	4 months (Industry option)
<b>YEAR 5</b>	8 months



## WHAT WILL YOU BE STUDYING?

There are four main areas of study within the Pharmacy degree: Pharmaceutical and Medicinal Chemistry, Drug Delivery (Pharmaceutics), Drug Action in the Body (Pharmacology) and the Clinical and Practice aspects of pharmacy. In our laboratories, you will learn how to synthesise new drugs and formulate these drugs as medicines which can be administered safely and effectively for the benefit of the patient. You will investigate the mode of action of modern medicines using sophisticated experimental techniques. Working in our model pharmacy, you will role play as a Pharmacist and advise patients on the safe use of their medicines. You will have an opportunity to visit both community and hospital pharmacies and see first-hand how medicines are manufactured in local pharmaceutical companies. The course places special emphasis on the role of the pharmacist as a member of the healthcare team and you will collaborate with trainee medics and nurses to problem solve various scenarios.

For further information please visit [www.ucc.ie/en/pharmacy](http://www.ucc.ie/en/pharmacy)



## RESEARCH OPPORTUNITIES FOLLOWING THE MPHARM DEGREE

The School offers cutting edge research opportunities leading to a PhD in a wide variety of subject areas. The School also runs two taught MSc programmes in Clinical Pharmacy and Pharmaceutical Technology and Quality Systems as well as offering many Continuing Professional Development (CPD) modules.



***"The School's patient centred approach, instilled in us all, definitely shines through as I think about the 'bigger picture' with each patient's prescription or condition".***

## CAREER OPPORTUNITIES

There are many and diverse career prospects for pharmacists, both in Ireland and abroad. Career opportunities include the healthcare sector, such as community and hospital pharmacy; the pharmaceutical industry; medicines research and development, and regulation and quality control. Other broad areas such as pharmacy law, animal health, academia and research are also open to graduates of pharmacy. To date our graduates have succeeded in the following roles:

- Clinical Trials Data Manager
- Community Pharmacist
- Customer Liaison Officer
- eMeds Application Specialist
- Gastroenterology Fellow
- Health & Safety Advisor
- Hospital/Clinical Pharmacist
- Lecturer/Professor
- Manufacturing & Quality Compliance Manager

- Medical Science Liaison/Medical Advisor
- Medicines Information Pharmacist
- Pharmacy Client Engagement Representative
- Qualified Person (QP in industry)
- Quality Assurance Validation Consultant
- Quality Operations Manager/Specialist
- Regulatory Affairs Specialist/Officer
- Researcher
- Risk Manager



## ENTRY REQUIREMENTS

a. Entry standards in International Baccalaureate (IB)

Minimum attainment of 36 points in the International Baccalaureate as follows:  
Minimum Higher Grade 5 in Physics, Chemistry and Mathematics or Biology  
Minimum Subsidiary Grade 5 in the remaining three subjects.

b. For those presenting three subjects in GCE A-levels:

Grades ABB, AAC\* or higher at the SAME sitting in Chemistry and two of the following three subjects – Physics, Biology and Mathematics – provided a minimum Grade B at GCSE/O level or equivalent examination has been attained in the remaining subject.

See website for further details on entry requirements.

## Further Information:

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