MSC PHARMACEUTICAL TECHNOLOGY AND QUALITY SYSTEMS

WHAT'S IT ALL ABOUT

UCC
University College Cork, Ireland
Coláiste na hOllscoile Corcaigh
School of Pharmacy

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AT A GLANCE

DURATION 2 Years Part Time

HPRA APPROVED COURSE
Approved by the HPRA to meet educational requirements for QP status

COURSE PAGE ONLINE
www.ucc.ie/en/ckx05/

CONTACT INFORMATION

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PROGRAMME OVERVIEW

The School of Pharmacy, University College Cork, delivers a 2 year part-time blended learning Masters in Pharmaceutical Technology and Quality Systems. This course is approved by the Health Products Regulatory Authority (HPRA) to meet the educational requirements for Qualified Person (QP) status (as per EU Directive 2001/83/EC).

Graduates who complete this course and have the relevant work experience are eligible to apply to the Health Products Regulatory Authority (HPRA) or EU regulatory authority to register as a QP.

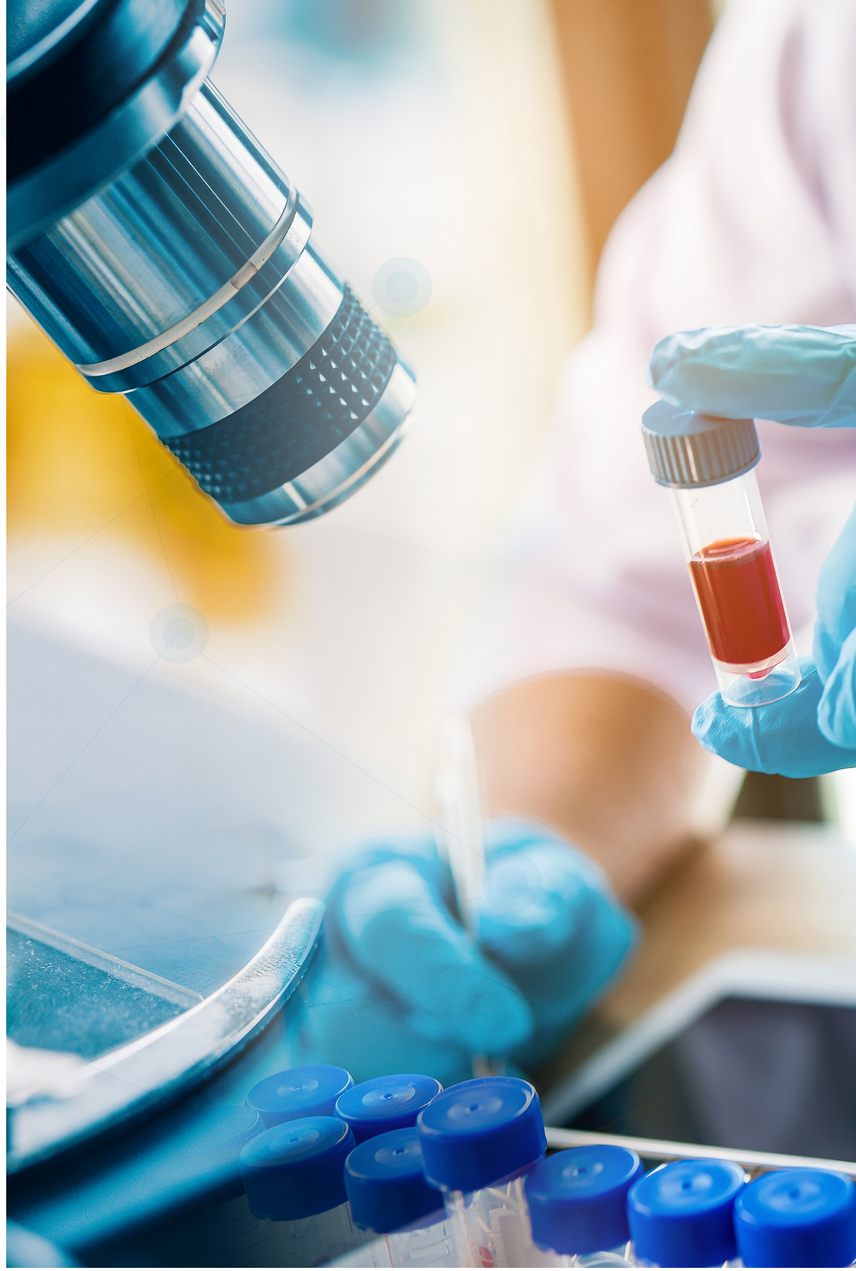
WHO SHOULD APPLY?

This programme is aimed at graduates working in the Pharmaceutical Industry who are considering pursuing a career as a Qualified Person (QP). The course is also attractive to early career quality and compliance specialists working in the Pharmaceutical Industry.

ENTRY REQUIREMENTS

Candidates must hold a minimum of a second class honour in a level 8 degree in a relevant science discipline such as Chemistry, Biology, Pharmacy, or the Biological Sciences

Candidates should be currently employed in a relevant pharmaceutical sector, ideally for at least 2 years.



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COURSE PRACTICALITIES

The course runs over 2 years in a blended learning format, with both online content and block attendance at UCC. The programme consists of taught modules delivered via distance learning, running from September to April each year. In Year 2, the research project runs from April to October.

Each taught module runs for approximately four weeks and the average amount of directed study is about 10-15 hours per week. Course material and assignments run through Canvas with regular evening online tutorials. There are also comprehensive workshops run at UCC at the end of each term. These workshops are designed to complement the theoretical content of the course, with a focus on industry based case studies, with expert advice from invited industrial speakers and an emphasis on applying a science based approach to solving quality based problems in the manufacture of pharmaceuticals. A number of site visits to pharmaceutical manufacturing facilities will be organised.

MODULES OUTLINE

FOUNDATION SCIENCES

- Pharmacology
- Pharmaceutical Chemistry
- Pharmaceutical Dosage Form Design
- Pharmaceutical Manufacturing: API to Finished Product

APPLIED PHARMACEUTICAL TECHNOLOGY

- Pharmaceutical Microbiology and Sterile Manufacturing
- Pharmaceutical Development of IMPs
- Pharmaceutical Biotechnology
- Pharmaceutical Statistics and Process Control

QUALITY SYSTEMS

- Pharmaceutical Plant and Process: From Design through Validation
- Quality Management Systems and Regulatory Affairs
- Role and Professional Duties of the QP

STUDENT TESTIMONIALS

“The QP course opens many doors, and this was immediately true for me, resulting in a move to a more senior role. The course taught me to use regulatory science to formulate effective arguments. Be prepared to put the work in to gain the benefit of a greater understanding of many aspects of the Pharmaceutical industry.” **Matt, Biologics**

“My only regret was not doing the course sooner. I found distance learning combined with the workshops to be an excellent approach to learning while working full time. Within 3 months of completing the course, I was a fully trained HPRA approved QP, releasing batches.” **JF, Cork**

“The Masters is intense and informative. It is very practical through the examination of real batch release scenarios and case studies in the workshops.” **FC, Malta**

“The course requires a serious amount of commitment and hard work, but makes it all worth-while for the up-to-date material which remains useful on a day to day basis.” **CM, Regulatory consultant**

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