

MSC IN CLINICAL PHARMACY (1 YEAR PATHWAY)

Overview

NFQ Level 9, Major Award

The MSc in Clinical Pharmacy (1 year pathway) is a part-time distance education programme running over one year from the date of first registration for the programme.

Students on the two year programme should refer to the MSc in Clinical Pharmacy (<https://ucc-ie-public.courseleaf.com/programmes/mscsp/>) page for programme information.

Programme Requirements

For information about modules, module choice, options and credit weightings, please go to Programme Requirements (p. 1).

Programme Requirements

Pathway II - one year programme

Code	Title	Credits
Students take 45 credits as follows:		
<i>Core Modules</i>		
PF6001	Biostatistics/Critical Appraisal	5
PF6007	Pharmacotherapy III: Special Populations	10
PF6008	Research Dissertation in Clinical Pharmacy	30
Total Credits		45

Examinations

Full details and regulations governing Examinations for each programme will be contained in the *Marks and Standards Book* and for each module in the *Book of Modules*.

Programme Learning Outcomes

Programme Learning Outcomes for MSc (Clinical Pharmacy) (NFQ Level 9, Major Award)

On successful completion of this programme, students should be able to:

- Discuss and explain the epidemiology, aetiology, pathophysiology, signs, symptoms, and tests leading to the diagnosis of common disorders/diseases of the various physiological systems;
- Choose the appropriate and effective therapy for selected diseases of the various physiological systems;
- Monitor and counsel the patient on the use of the recommended therapies and health promotion;
- Formulate pharmaceutical care plans and counsel patients and use and recommend a "green" prescription appropriately;
- Apply the principles of health economics, economic modelling, Quality Adjusted Life Year (QALY's) sensitivity analysis for use in the health care system;
- Outline the regulatory requirements for supply and use of medicines in order to be able to practice effectively within their constraints;
- Discuss common dosage form systems and the differences that these may have on the management of a chronic or acute disease state;

- Critically appraise a research paper and use checklists to successfully interpret published clinical findings and apply the findings to improve professional practice;
- Conduct a literature review, design a research protocol, collect and interpret data and write a research report.