MSC IN CLINICAL PHARMACY (1 YEAR PATHWAY)

Overview

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/msccp/) 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:		
Core Modules		
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 most appropriate and effective therapy for selected diseases of the various physiological systems using a personalised approach to pharmaceutical care;
- Monitor and counsel the patient on the use of the recommended therapies and health promotion;
- Formulate pharmaceutical care plans and counsel patients including patients with co-morbid disease;
- Apply the principles of health economics, economic modelling, Quality Adjusted Life Year (QALY';s) sensitivity analysis for use in the health care system;
- Apply the principles of clinical pharmacokinetics, therapeutic drug monitoring and pharmacogenetics to medicines management to individualise patient care;
- Outline the role of the pharmacist in risk management processes, including the promotion of medication safety, the rational use of medicines and in pharmacovigilance;
- Demonstrate knowledge of trial designs and the statistical methods involved in evaluating study findings and critically appraise these in research papers;
- Review, analyse and synthesise the literature, design a research protocol, collect and interpret data and write a research report.
- Effectively communicate and justify decisions.