

BPHARM/MPHARM - CK703

Programme Learning Outcomes

Programme Learning Outcomes for BPharm (Hons) Degree (NFQ Level 8, Major Award)

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

- Define the role of the Pharmacist in hospital, community, industry, research environments and other positions where the pharmacist can be employed;
- Communicate effectively with patients and healthcare professionals for the purpose of counselling and advising on medicines and their safe usage;
- Interpret and evaluate prescriptions and supply medicines in accordance with current legislation and professional codes of practice;
- Apply the physiochemical properties of drugs to the design of small and large molecules and biopharmaceutical drug delivery systems and recognise the principles of pharmaceutical manufacturing encompassing good manufacturing practice (GMP), quality assurance (QA), quality control (QC) and regulatory affairs;
- Apply the principles of chemistry underpinning the design, development, manufacture, analysis and quality control of pharmaceutical compounds and excipients;
- Outline the physiological, biochemical, molecular and genetic basis of disease, drug therapy and drug delivery;
- Apply the pharmacodynamic, pharmacokinetics and pharmacological principles underlying the use of medicines in health care;
- Recognise common disease states and respond appropriately to presented symptoms;
- Conduct a literature review, design a research protocol, collect and interpret data and write a dissertation.