

CLINICAL PHARMACOLOGY (MSc/PgDip/PgCert)

57B20JBT

Duration: 12 months full-time (MSc); 9 months full-time (PgDip)

Content: The programme of taught courses will comprise lectures, tutorials, practical classes and directed self-learning. The curriculum includes biochemical and molecular aspects of drug action; drug transport, metabolism and excretion; toxicology; pharmacokinetics; statistics; computing studies; aspects of drug development; therapeutics; therapeutic drug monitoring; the influence of disease on drug handling; drug-drug interactions; the design and conduct of volunteer and clinical trials; monitoring drug safety.

Candidates shall be required to attend the following designated programme of courses:

FULL TIME ROUTE

Stage 1 (Jan-March)

MT5529 Toxicology (15 credit points)
MT5527 Therapeutics (15 credit points)
MT5516 Basic Skills Induction (0 credit points)
MT5524 Molecular Pharmacology (15 credit points)
PU5507 Applied Statistics (15 credit points)

Stage 2 (summer)

MT5920 Drug Development to Evidence Based Medicine (15 credit points)
MT5918 Pharmacokinetics (15 credit points)
MT5915 Basic Research Methods (15 credit points)
MT5921 Clinical Trials: Regulation, Governance and Safety(15 credit points)

Stage 3 (Sept-Dec)

PU5057 MASTER RESEARCH PROJECT (60 credit points)
Or
MB5030 MASTERS RESEARCH PROJECT (LABORATORY) (60 credit points)

Assessment: By practical work, by written essays and by oral presentations, or by a combination of these, as prescribed for each course. The project will be assessed on the basis of performance, written thesis, and oral presentation. Candidates must pass all courses at an appropriate standard for the award of the MSc degree.