

CLINICAL PHARMACOLOGY (MSc/PgDip/PgCert)

57B200BT/61B200BT/62B200VZ

Duration: 12 months full-time or 24 months part-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

GS50M1 Generic Skills (0 credit points)
MT5003 Drug Metabolism and Toxicology (15 credit points)
MT5027 Therapeutics (15 credit points)
MT5010 Basic Skills Induction (0 credit points)
MT5024 Molecular Pharmacology (15 credit points)
PU5017 Applied Statistics (15 credit points)

Stage 2

MT5520 Drug Development to Evidence Based Medicine (15 credit points)
MT5518 Pharmacokinetics (15 credit points)
MT5515 Basic Research Methods (15 credit points)
MT5519 Communicating Clinical Safety and Regulation with Industry and the Public (15 credit points)

Stage 3

MT5903 Research Project (60 credit points)

PART TIME ROUTE

Year 1

GS50M1 Generic Skills (0 credit points)
MT5010 Basic Skills Induction (0 credit points)
MT5003 Drug Metabolism and Toxicology (15 credit points)
MT5027 Therapeutics (15 credit points)
MT5520 Drug Development to Evidence Based Medicine (15 credit points)
MT5519 Communicating Clinical Safety and Regulation with Industry and the Public (15 credit points)

Year 2

MT5024 Molecular Pharmacology (15 credit points)
PU5017 Applied Statistics (15 credit points)
MT5518 Pharmacokinetics (15 credit points)
MT5515 Basic Research Methods (15 credit points)

MT5903 Research Project (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. There will usually be an oral examination to complete the

programme. Candidates must pass all courses at an appropriate standard for the award of the MSc degree.