

INDUSTRIAL PHARMACEUTICAL CHEMISTRY: FROM LABORATORY TO MARKET
(MSc/PgDip/PgCert) – JANUARY START **57F15JB1**

Duration: 12 months full-time (MSc); 9 months full-time (PgDip); 4 months full-time (PgCert).

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

Stage 1

- CM5544 Lead Compound Identification (15 credit points)
- CM5545 Molecular Design and Synthesis (15 credit points)
- CM5546 Drug Metabolism and Pharmacokinetics (DMPK) (15 credit points)
- CM5547 Regulatory Aspects of Pharmaceutical Development (15 credit points)

Stage 2

- CM5940 Stability, Formulation and Packaging of Pharmaceutical Ingredients (15 credit points)
- CM5941 Analytical Methods for Pharmaceutical Analysis (15 credit points)
- CM5942 Synthetic Methods for Process Scale-up and Development (15 credit points)
- CM5943 Process Development: Critical Process Parameters and Reactor Design (15 credit points)

Stage 3

- CM5048 Industrial Pharmaceutical Chemistry – Extended Research Project (60 credit points)

Assessment: By course work, by written or oral examination, or by a combination of these, as prescribed for each course. The Degree of MSc shall not be awarded to a candidate who fails to achieve a CGS Grade of D3 in CM5048 (Industrial Pharmaceutical Chemistry – Extended Research Project), irrespective of their performance in other courses.