

MASTER OF SCIENCE IN PROCESS SAFETY (MSc/PgDip/PgCert)

57H121B1/61H121VX/62H121VZ

Duration: MSc 12 months full-time and 27 months part time; PgDip 9 months full-time and 18 months part time; PgCert 4 months full-time and 8 months part time.

FULL TIME ROUTE

Stage 1

EG50T4 Process Risk Identification and Management (15 credit points)
EG5099 Upstream Oil & Gas Processing (15 credit points)
EG50T5 Loss of Containment (15 credit points)
EG501V Computational Fluid Dynamics (15 credit points)

Stage 2

EG5558 Applied Risk Analysis & Management (15 credit points)
EG55P7 Process Plant, Equipment and Operations (15 credit points)
EG55P8 Process Design, Layout & Materials (15 credit points)
EG55P9 Human Factors Engineering (15 credit points)

Stage 3

EG5912 Process Safety Individual Project (60 credit points)

PART TIME ROUTE

Year 1

EG50T4 Process Risk Identification and Management (15 credit points)
EG5099 Upstream Oil & Gas Processing (15 credit points)
EG5558 Applied Risk Analysis & Management (15 credit points)
EG55P7 Process Plant, Equipment and Operations (15 credit points)

Year 2

EG50T5 Loss of Containment (15 credit points)
EG501V Computational Fluid Dynamics (15 credit points)
EG55P8 Process Design, Layout & Materials (15 credit points)
EG55P9 Human Factors Engineering (15 credit points)
EG5912 Process Safety Individual Project (60 credit points)

Year 3

EG5912 Process Safety Individual Project (60 credit points) (continued from Year 2)

Assessment: By written examination and course work as prescribed for each course, with final project which requires candidates to submit a dissertation, and potentially undergo an oral examination.

The degree of MSc shall not be awarded to a candidate who fails to achieve a CGS Grade of D3 or above in the individual project, irrespective of their performance in other courses.