

**PROCESS SAFETY (ONLINE) (SEPTEMBER START)  
(MSc/PgDip/PgCert)**

**63H120B1/63H120VX/63H120VZ**

*Duration* MSc 27 months part time; PgDip 24 months part time; PgCert 12 months part time

*Content:*

Year 1

EG503H Upstream Oil and Gas Processing (15 credit points)  
EG50S3 Safety & Risk Management (15 credit points)  
EG551E Applied Risk Analysis and Management (15 credit points)  
EG551Z Process Plant, Equipment and Operations (15 credit points)

Year 2

EG503C Loss of Containment (15 credit points)  
EG503G Computational Fluid Dynamics (15 credit points)  
EG55Q4 Process Design, Layout and Materials (15 credit points)  
EG55Q5 Human Factors Engineering (15 credit points)  
EG59F2 MSc Individual Project (60 credit points) (this course will continue into Year 3).

Year 3

EG59F2 MSc Individual Project (60 credit points)

*Assessment:* By a combination of written examination and course work as prescribed for each course. In addition MSc candidates must submit a dissertation on their individual project, and may be required to 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.