

SAFETY AND RELIABILITY ENGINEERING (ONLINE) (SEPTEMBER START)
(MSc/PgDip/PgCert)

63UH1SB1/63UH1SVX/63UH1SVZ

Duration: MSc 30 months part time ; PgDip 18 months part time; PgCert 8 months part time

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

Year 1

ED501E Statistics and Probability for Safety, Reliability and Quality (15 credit points)
EG50S3 Safety and Risk Management (15 credit points)
EG551E Applied Risk Analysis and Management (15 credit points)
EG55Q5 Human Factors Engineering (15 credit points)

Year 2

EG501G Fire and Explosion Engineering (15 credit points)
EG503N Offshore Structural Integrity (15 credit points)
EG552T Legislation, Economics and Safety (15 credit points)
EG555W Sustainable Engineering Challenges (15 credit points)

(MSc candidates only)

EG59F2 MSc Individual Project (60 credit points) (continues into Year 3).

Year 3 (MSc candidates only)

EG59F2 MSc Individual Project (60 credit points) (continued from Year 2)

Assessment: By written examination and course work as prescribed for each course. In addition, MSc candidates must submit a dissertation 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.