SAFETY & RELIABILITY ENGINEERING FOR OIL AND GAS (ON-CAMPUS) (JANUARY START) (MSc/PgDip/PgCert)

57H1GJB1/61H1GJVX/62H1GJVZ

THIS PROGRAMME HAS NOW BEEN WITHDRAWN
THE LAST INTAKE OF STUDENTS TO THIS PROGRAMME WILL BE SEPTEMBER 2021

Duration: 12 months full-time or –27 - 60 months part-time.

Content: The aims of the programme are to provide education and training at postgraduate level for graduate engineers in the general area of safety, reliability and risk management. Candidates shall be required to attend the following designated programme of courses:-

FULL TIME ROUTE

Stage 1

PD5506 Getting Started at the University of Aberdeen (0 credit points)
EG556A Statistics and Probability for Safety, Reliability & Quality (15 credit points)
EG5558 Applied Risk Analysis and Management (15 credit points)
EG55P8 Process Design, Layout & Materials (15 credit points)
EG55P9 Human Factors Engineering (15 credit points)

Stage 2

EG59M2 MSc Individual Project (60 credit points)

Stage 3

EG501R Advanced Methods for Risk and Reliability Assessment (15 credit points)
EG50S2 Safety and Risk Management (15 credit points)
EG5071 Fire and Explosion Engineering (15 credit points)
EG50R1 Offshore Structures & Subsea Systems (15 credit points)

PART TIME ROUTE

Year 1

PD5506 Getting Started at the University of Aberdeen (0 credit points)
EG55P9 Human Factors Engineering (15 credit points)
EG55P8 Process Design, Layout & Materials (15 credit points)
EG5060 Statistics and Probability for Safety, Reliability & Quality (15 credit points)
EG50S2 Safety and Risk Management (15 credit points)

Year 2

EG5558 Applied Risk Analysis and Management (15 credit points)
EG5511 Advanced Methods for Risk and Reliability Assessment (15 credit points)
EG50R1 Offshore Structures & Subsea Systems (15 credit points)
EG5071 Fire and Explosion Engineering (15 credit points)
EG59M2 MSc Individual Project (60 credit points) (this course continues into Year 3)

Year 3

EG59M2 MSc Individual Project (60 credit points)

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.