

OFFSHORE ENGINEERING (ONLINE) (SEPTEMBER START) (MSc/PgDip/PgCert)

63UHD3B1/63UHD3VX/63UHD3VZ

Duration: MSc 27 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

- EG506X Introduction to Subsea Systems and Offshore Structures (15 credit points)
- EG507D Subsea Production and Control (15 credit points)
- EG50T8 Subsea Construction, Inspection and Maintenance (15 credit points)
- EG552V Marine and Wind Energy (15 credit points)
- EG55G2 Pipelines and Soil Mechanics (15 credit points)

Year 2

- EG503N Offshore Structural Integrity (Online) (15 credit points)

Plus one of the following:

- EG504B Electrical Systems for Renewable Energy (15 credit points)
- EG50Q6 Engineering Risk and Reliability Analysis (15 credit points)

Plus two from the following:

- EG55G8 Flow Assurance (15 credit points)
- EG55G9 Riser Systems and Hydrodynamics (15 credit points)
- EG55M5 Renewable Energy Integration to Grid (15 credit points)

Plus:

- 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.