

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

63H3DSB1/63H3DSVX/63H3DSVZ

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

EG502T Offshore Structures and Subsea Systems (15 credit points)
EG50T8 Subsea construction, Inspection and Maintenance (15 credit points)
EG55Q2 Engineering Risk and Reliability Analysis (15 credit points)
EG552V Marine and Wind Energy (15 credit points)

Year 2

EG504B Electrical Systems for Renewable Energy (15 credit points)
ZO5514 Marine Environmental Impact Assessment (15 credit points)
Plus one from the following:

EG50G6 Subsea Controls (15 credit points)
EG50G8 Subsea Integrity (15 credit points)

And one from the following:

EG55G2 Pipelines and Soil Mechanics (15 credit points)
EG55M5 Renewable Energy Integration to Grid (15 credit points)

Year 3

EG5919 Individual Project in Offshore Engineering (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.