DECOMMISSIONING (ONLINE) (JANUARY START) (MSc/PgDip/PgCert)
63UH3DB1/63UH3DVX/63UH3DVZ

Duration: MSc 27 months part-time; PgDip 9 months full-time; PgCert 4 months full-time

Content: The programme aims to provide students with a multidisciplinary education in core aspects of decommissioning of Oil & Gas offshore platforms and infrastructure, and their potential application in the renewable energy sector. Students will learn core engineering principles on advance subsea technologies required to carry out decommissioning activities and projects. Engineering foundations will be complemented with multidisciplinary learning outcomes covering economics, environmental, regulatory, and social aspects relevant for decommissioning and renewable energies activities.

Students will undertake the project and complete the dissertation in decommissioning and offshore energy systems which will be defined to be industrial relevant.

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

Year 1

EG556W Fundamentals of Energy Transition (0 credit points)
EG556X Introduction to Subsea Systems and Offshore Structures (0 credit points)
EG55T1 Process Shut Down, Structural Decommissioning and Disposal (15 credit points)
EG503T Well Plugging and Abandonment (15 credit points)
LS502T Decommissioning of Offshore Installations: Regulatory Aspects (15 credit points)

Plus one from the following:

EG552V Marine and Wind Energy (15 credit points)
EG555W Sustainable Engineering Challenges (15 credit points)

Year 2

EG55T3 Group Project in Comparative Assessment (15 credit points)
EG504L Carbon Capture, Utilisation and Storage (15 credit points)
BU505C Introduction to Energy Economics (15 credit points)

Plus one from the following:

EG55M5 Renewable Energy Integration to Grid (15 credit points)
LS552S Decommissioning of Offshore Installations: Commercial Aspects (15 credit points)

Year 3

EG555N 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.