

## **OIL AND GAS ENGINEERING (ONLINE) (SEPTEMBER START) (MSc/PgDip/PgCert)**

**63UH2OB1/63UH2OVX/63UH2OVZ**

*Duration:* MSc 27 - 36 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

- EG502U Reservoir Engineering (15 credit points)
- EG504L Carbon Capture, Utilisation and Storage (CCUS) (15 credit points)
- EG552E Well and Production Engineering (15 credit points)
- GL5554 Fundamentals of Petroleum Geoscience (15 credit points)

### Year 2

- EG5077 Project Management (15 credit points)
- EG50S3 Safety and Risk Management (15 credit points)
- EG556L AI, Machine Learning and Data Science for the Petroleum Industry (15 credit points)
- EG55G8 Flow Assurance (15 credit points)

### **MSc Candidates only:**

- EG59F2 MSc Individual Project (60 credit points)

### Year 3

- EG59F2 MSc Individual Project (60 credit points) (continued from previous year)

*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.