

SUBSURFACE ENERGY ENGINEERING (ONLINE) (JANUARY START) (MSc/PgDip/PgCert)

63UHF6B1/63UHF6VX/63UHF6VZ

Duration: MSc 27 months part-time; PgDip 24 months part-time; PgCert 12 months part-time

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

Year 1

- EG55M3 Energy Conversion and Storage (15 credit points)
- EG555W Sustainable Engineering Challenges (15 credit points)
- EG503B Geothermal and Hydro Energy (15 credit points)
- EG504L Carbon Capture, Utilisation and Storage (CCUS) (15 credit points)

Year 2

- EG506C Subsurface Transport Processes (15 credit points)
- GL5083 Near Surface and Environmental Geophysics (15 credit points)
- EG556L Artificial Intelligence, Machine Learning and Data Science for the Petroleum Industry (15 credit points)
- EG557B Critical Minerals for Energy Transition and Sustainability (15 credit points)

Year 3 (for MSc candidates only)

- 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.