

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: All Candidates must take the following compulsory courses:

Students starting in September 2023

Year 1

EG504L Carbon Capture, Utilisation and Storage (CCUS) (15 credit points)
EG50S3 Safety and Risk Management (15 credit points)
EG552D Reservoir Engineering (15 credit points)
GL5554 Fundamentals of Petroleum Geoscience (15 credit points)

(Optional)

Students may opt in for the individual project at this stage, otherwise, students will only be able to undertake the project in the summer of Year 2 after meeting all other requirements.

Year 2

EG502L Well and Production Engineering (15 credit points)
EG5077 Project 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)

Students starting in September 2024 and subsequent years

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 written examination and course work as prescribed for each course. In addition, MSc candidates must submit a dissertation on their project, and will be required to undergo an oral examination.