

OIL AND GAS ENGINEERING (ON-CAMPUS) (JANUARY START) (MSc/PgDip/PgCert)
57H2JEB1/61H2JEVX/62H2JEVZ

Duration: MSc 12 months full-time; PgDip 9 months full-time; PgCert 4 months full-time

Content:

Students starting in January 2024

Stage 1

PD5506 Getting Started at the University of Aberdeen (0 credit points)
EG551V Reservoir Engineering (15 credit points)
EG551Y Oil and Gas Chemistry (15 credit points)
EG55F8 Flow Assurance (15 credit points)
GL5534 Fundamentals of Petroleum Geoscience (15 credit points)

Stage 2

EG59M2 MSc Individual Project (60 credit points)

Stage 3

EG504K Carbon Capture, Utilisation and Storage (CCUS) (15 credit points)
EG5067 Project Management (15 credit points)
EG50T6 Well and Production Engineering (15 credit points)
EG50S2 Safety and Risk Management (15 credit points)

Students starting in January 2025 and subsequent years

Stage 1

PD5506 Getting Started at the University of Aberdeen (0 credit points)
EG551W Well and Production Engineering (15 credit points)
EG556N AI, Machine Learning and Data Science for the Petroleum Industry (15 credit points)
EG55F8 Flow Assurance (15 credit points)
GL5534 Fundamentals of Petroleum Geoscience (15 credit points)

Stage 2

EG59M2 MSc Individual Project (60 credit points)

Stage 3

EG501L Reservoir Engineering (15 credit points)
EG50S2 Safety and Risk Management (15 credit points)
EG504K Carbon Capture, Utilisation and Storage (CCUS) (15 credit points)
EG5067 Project Management (15 credit points)

From May to August, students will work on a dissertation which is, where possible, undertaken while on an industrial placement. The subject for a student's dissertation will be chosen following discussion between staff and the student and in the light of placement availability.

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