

## **OIL AND GAS ENGINEERING (ON-CAMPUS) (SEPTEMBER START) (MSc/PgDip/PgCert)**

**57H2OEB1/61H2OEVX/62H2OEVZ**

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

*Content:* All candidates must take the following compulsory courses:

### Stage 1

- PD5006 Getting Started at the University of Aberdeen (0 credit points)
- 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)

### Stage 2

- 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 3

- EG59F1 MSc Individual Project (60 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 will be required to undergo an oral examination.