

PETROLEUM ENGINEERING (ON-CAMPUS) (JANUARY START) (MSc/PgDip/PgCert)
57H85JB1/61H85JVX/62H85JVZ

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:

Students starting in January 2024

Stage 1

- PD5506 Getting Started at the University of Aberdeen (0 credit points)
- EG551V Reservoir Engineering (15 credit points)
- EG552C Enhanced Oil Recovery (15 credit points)
- EG554X Petrophysics, Core Analysis and Formation Evaluation (15 credit points)
- GL5534 Fundamentals of Petroleum Geoscience (15 credit points)

Stage 2 (MSc Candidates only)

- EG59M2 MSc Individual Project (60 credit points)

Stage 3

- EG502A Well Testing: Analysis and Design (15 credit points)
- EG502F Field Development and Petroleum Economics (15 credit points)
- EG502G Reservoir Simulation (15 credit points)
- EG50T6 Well and Production Engineering (15 credit points)

Students starting in January 2025

Stage 1

- PD5506 Getting Started at the University of Aberdeen (0 credit points)
- EG551W Well and Production Engineering (15 credit points)
- EG552A Field Development, Petroleum Economics and Simulation (15 credit points)
- EG552C Enhanced Oil Recovery (15 credit points)
- EG556N AI, Machine Learning and Data Science for the Petroleum Industry (15 credit points)

Stage 2 (MSc Candidates only)

- EG59M2 MSc Individual Project (60 credit points)

Stage 3

- EG501L Reservoir Engineering (15 credit points)
- EG502A Well Testing: Analysis and Design (15 credit points)
- EG504X Petrophysics, Core Analysis and Formation Evaluation (15 credit points)
- GL5033 Fundamentals of Petroleum Geoscience (15 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.