

**PETROLEUM ENGINEERING (ON-CAMPUS) (SEPTEMBER START)  
(MSc/PgDip/PgCert)**

**57H850B1/61H850VX/62H850VZ**

*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)  
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)

Stage 2

EG551W Well and Production Engineering (15 credit points)  
EG552C Enhanced Oil Recovery (15 credit points)  
EG556N AI, Machine Learning and Data Science for the Petroleum Industry (15 credit points)  
EG556Y Field Development, Petroleum Economics and Simulation (15 credit points)

**For MSc candidates only**

EG59F1 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.