

**PETROLEUM ENGINEERING (SEPTEMBER START) (MSc/PgDip/PgCert)**

**57H850B1/61H850VX/62H85OVZ**

*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

GL5033 Fundamentals of Petroleum Geoscience (15 credit points)  
GL5307 Petrophysics, Core Analysis and Formation Evaluation (15 credit points)  
EG501L Reservoir Engineering (15 credit points)  
EG50T6 Well and Production Engineering (15 Credit Points)

Stage 2

EG552B Reservoir Simulation (15 credit points)  
EG551Q Well Testing: Analysis and Design (15 credit points)  
EG552A Field Development and Petroleum Economics (15 credit points)  
EG552C Enhanced Oil Recovery (15 Credit Points)

For MSc candidates only

EG5911 Individual Project in Petroleum Engineering (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.