

**PETROLEUM ENGINEERING (ONLINE - JANUARY START) (MSc/PgDip/PgCert)**  
**63H8OJB1/ 63H8OJVX/ 63H8OJVZ**

*Duration:* MSc 27 - 36 months full-time; PgDip 18 months full-time; PgCert 8 months full-time

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

Year 1

GL5554 Fundamentals of Petroleum Geoscience (15 credit points)  
GL5555 Petrophysics, Core Analysis and Formation Evaluation (15 credit points)

Year 2

EG502U Reservoir Engineering (15 credit points)  
EG502L Well and Production Engineering (15 Credit Points)  
EG552H Reservoir Simulation (15 credit points)  
EG552J Well Testing: Analysis and Design (15 credit points)

(Optional)

Student may opt in for the individual project at this stage, otherwise, student will only be able to undertake the project in Year 3

Year 3

EG502M Field Development and Petroleum Economics (15 credit points)  
EG502N Enhanced Oil Recovery (15 Credit Points)  
EG552K 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.