

**PETROLEUM ENGINEERING (ONLINE - SEPTEMBER START) (MSc/PgDip/PgCert)**  
**63H8OSB1/ 63H8OSVX/ 63H8OSVZ**

*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

GL5054 Fundamentals of Petroleum Geoscience (15 credit points)  
GL5055 Petrophysics, Core Analysis and Formation Evaluation (15 credit points)  
EG552D Reservoir Engineering (15 credit points)  
EG552E Well and Production Engineering (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 after stage 5 and during the summer after meeting all other requirements.

EG552K Individual Project in Petroleum Engineering (60 credit points)

Year 2

EG502H Reservoir Simulation (15 credit points)  
EG502J Well Testing: Analysis and Design (15 credit points)  
EG552F Field Development and Petroleum Economics (15 credit points)  
EG552G Enhanced Oil Recovery (15 Credit Points)

EG5913 Individual Project in Petroleum Engineering (60 credit points)

Year 3

EG5913 Individual Project in Petroleum Engineering (60 credit points) (continued from previous year)

*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.