

PETROLEUM ENGINEERING (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:

Stage 1

GL5534 Fundamentals of Petroleum Geoscience (15 credit points)
GL5705 Petrophysics, Core Analysis and Formation Evaluation (15 credit points)
EG551V Reservoir Engineering (15 credit points)
EG551W Well and Production Engineering (15 Credit Points)

Stage 2

EG5911 Individual Project in Petroleum Engineering (60 credit points)

Stage 3

EG502G Reservoir Simulation (15 credit points)
EG502E Enhanced Oil Recovery (15 Credit Points)
EG502F Field Development and Petroleum Economics (15 credit points)
EG502A Well Testing: Analysis and Design (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.