

## **RESERVOIR ENGINEERING (MSc/PgDip/PgCert)**

**57F6REB1/61F6REVX/62F6REVZ**

*Duration:* 12 months full time (MSc); 9 months full time (PgDip); 4 months full time (PgCert)

*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)
- BU5053 Introduction to Energy Economics (15 credit points)

### Stage 2

- GL5536 Principles of Static and Dynamic Modelling (30 credit points)
- GL5539 Reservoir Simulation (15 credit points)
- GL5523 Group Project and Research Skills (15 credit points)

### For MSc candidates only

- GL5909 Project in Reservoir Engineering (60 credit points)

*Assessment:* By written examination and course work as prescribed for each course. In addition, MSc candidates must submit a dissertation on their project. The degree of MSc shall not be awarded to a candidate who fails to complete the final report at CGS grade of D3 or above, irrespective of their performance in other elements of assessment: such candidates may, at the discretion of the Examiners, be awarded a Postgraduate Diploma if they have achieved the appropriate number of credits. A Postgraduate Certificate will be awarded to candidates who successfully complete GL5033, GL5307, EG501L, and BU5053; a Postgraduate Diploma will awarded to candidates who successfully complete all the taught elements of the programme.