

GEOPHYSICS (MSc/PgDip/PgCert)

57F660B1/61F660VX/62F660VZ

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

- GL5036 Earth Physics, Structure and Processes (15 Credit Points)
- GL5037 Field Geophysical Data Acquisition (15 Credit Points)
- GL5052 Seismic Reflection Processing, Imaging and Quantitative Interpretation (15 Credit Points)
- GL5308 Time Series Analysis and Signal Processing (15 Credit Points)

Stage 2

- GL5526 Seismology and Earth Imaging (15 Credit Points)
- GL5537 Geophysical Inverse Theory and Statistics (15 credit points)
- GL5538 Borehole Geophysics and 4D Reservoir Monitoring (15 Credit Points)
- GL5704 Topics in Advanced Applied Geophysics (15 Credit Points)

For MSc candidates only

- GL5910 Project in Geophysics (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.