

GEOPHYSICS (SEPTEMBER START) (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)
- GL5059 Near Surface and Environmental Physics (15 credit points)
- GL5060 Time Series Analysis and Inverse Theory (15 credit points)
- GL5061 Seismology and Earth Imaging (15 credit points)

Stage 2

- GL5538 Borehole Geophysics and 4D Reservoir Monitoring (15 credit points)
- GL5545 Seismic Reflection Acquisition and Processing (15 credit points)
- GL5546 Applied, Industry and Research Geophysics (15 credit points)
- GL5709 Machine Learning Geophysics (15 credit points)

Stage 3

- 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.