

**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

- PD5006 Getting Started at the University of Aberdeen (0 credit points)
- GL5036 Earth Physics, Structure and Processes (15 credit points)
- GL5059 Near Surface and Environmental Geophysics (15 credit points)
- GL5060 Time Series Analysis, Inverse Theory and Statistics (15 credit points)
- GL5074 Borehole Geophysics and 4D Reservoir Modelling (15 credit points)

Stage 2

- GL5545 Seismic Reflection Acquisition and Processing (15 credit points)
- GL5573 Field Geophysical Data Acquisition and Digital Subsurface Mapping (15 credit points)
- GL5575 Seismology and Earth Imaging (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.