Overview

In this course, you will engage in activities that align with what would be expected of petroleum geophysicist in industry. The topics covered take students from introductory seismology and potential field geophysics to advanced concepts in seismic attributes and inversion. A number of the concepts are taught using a programming language without requiring prerequisite knowledge: as a result you will also gain programming skills, which are of growing demand in industry. Finally, the course will focus on communicating geophysical methods and results to an interdisciplinary audience. The main topics are seismic wave theory, normal moveout, 3D and 4D seismic acquisition and interpretation, well-ties, migration, direct hydrocarbon indicators and seismic inversion.
Campus
Kensington
Fees

Commonwealth Supported Students  $1170
Domestic Students  $5790
International Students  $5790

#renderFeesFooter($feeTitle $feeDescription)
Pre-2019 Handbook Editions

Access past handbook editions (2018 and prior)

Pre-2019 Handbook Editions
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Authorised by Deputy Vice-Chancellor (Academic)
CRICOS Provider Code 00098G
ABN: 57 195 873 179