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.
Faculty
Faculty of Engineering

School
School of Minerals & Energy Resources Engineering

Study Level
Undergraduate

Offering Terms
Term 2

Campus
Kensington

Indicative contact hours
6

Timetable
Visit timetable website for details
Course Outline

To access course outline, please visit:

PTRL2114 Course Outline
Fees

Commonwealth Supported Students  $1191
Domestic Students  $5970
International Students  $5970

DISCLAIMER
Please note that the University reserves the right to vary student fees in line with relevant legislation. This fee information is provided as a guide and more specific information about fees, including fee policy, can be found on the fee website.

For advice about fees for courses with a fee displayed as "Not Applicable", including some Work Experience and UNSW Canberra at ADFA courses, please contact the relevant Faculty.

Where a Commonwealth Supported Students fee is displayed, it does not guarantee such places are available.
Pre-2019 Handbook Editions

Access past handbook editions (2018 and prior)

Pre-2019 Handbook Editions