

Applied Geophysics

Department of Earth Sciences, School of Geography, Earth and Environmental Sciences

College of Life and Environmental Sciences

Details

Code 00538

Level of study Second Year

Credit value 10

Semester 2

Pre-requisite modules 03 [18196](#)
[\(/undergraduate/studyabroad/modules/data/10/22/19/01/81/18196.aspx\)](#) Earth
Systems and Sedimentary Rocks

Module description

This module introduces the full range of geophysical methods used in exploration and engineering, including seismic reflection, seismic refraction, gravity, magnetics, electrical methods and ground-penetrating radar. The aim is to give geologists a background in these that can be built on in third year modules.

Teaching and learning methods

Lectures and practical work