

Geophysics

University of Aberdeen

Venues

Old Aberdeen Campus

Content

Providing a knowledge of the way the earth works is vital to understanding the nature and origin of earth resources. A degree in Geophysics from the University of Aberdeen will allow you to learn about the history, structure and dynamics of the earth system, and the physics behind them.

Topics you can study include (but are not limited to):

The Physical Universe; The Earth Through Geological Time; Earth's Materials; Computer Programming and Principles; Petrology and Mineralogy; Light Science; Dynamical Phenomena; An Introduction to Field Geology; Energy and Matter; Structural Geology & Tectonics; Principles of Petroleum Geology; The Physics of Waves; Interpretation of Seismic Reflection Data; Sedimentology; Igneous and Metamorphic Petrology; Computational Geophysics; Statistical Physics and Stochastic Systems; Advanced Exploration Geophysics; Modelling Theory; Interpreting the Subsurface.

Start Date

September

Qualification

Degree

Study Method

Full time

Award Title

BSc Hons

UCAS Code

F660

Course Length

4 years

Faculty

Physical Science

Department

Geosciences

Entry Requirements

2022 entry requirements:

4 Highers at AABB (first sitting) including 2 maths or science subjects by end S6 plus English, Maths and Chemistry or Physics at National 5. Those with Highers at BBB by end of S5 are encouraged to apply.

Widening access entry may be available - contact the university or check their website.

For advanced entry to year 2, you will require 3 Advanced Highers at ABB including Geography and Physics at AB or BA.

SCQF Level

10

Progression Routes

«ProgressionRoutes»

Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

Address

King's College
Aberdeen
Aberdeen City
AB24 3FX

Website

www.abdn.ac.uk