Geology and Physics

University of Aberdeen

Venues

Old Aberdeen Campus

Content

Geology offers you the chance to find out how the Earth works and when you combine Physics with this subject you get a real sense of energy and matter and their interaction.

First Year: Two core courses: The Natural Environment through Geological Time and The Materials Forming our Dynamic Earth. The first course considers the key themes relating to the evolution of the Earth over the past 4,500 million years, including: the Earth in the solar system; Internal structure and chemical composition of the Earth; Continents, oceans and plate tectonics; Formation and fill of sedimentary basins; Absolute and relative geological time (the fossil record and absolute dating); Geological maps and structures; Volcanism. The second examines the origin, physical and chemical characteristics of the rocks and minerals that make up the Earth.

Second Year: Four courses all of which are taken for Single and Joint Honours programmes. These are Chemistry of the Earth, Palaeontology, Introduction to Geophysics and Introduction to Field Geology which is a six-day residential course on the Isle of Arran.

Third and Fourth Year (Honours): Core courses relating to Plate Tectonics, Earth Structure and Stratigraphy, Igneous and Metamorphic Petrology are included along with Petroleum Geology which are core courses for the Geology and Petroleum Geology and Geoscience Single Honours degree programmes. Over the two Honours years, a total of three residential field courses (28 days), a number of day-long field exercises and an independent field-based project (28 days) emphasise the hands-on nature of the subject.

Start Date

September

Qualification

Degree

Study Method

Full time

Award Title

BSc Hons

UCAS Code

FF63

Course Length

4 years

Faculty

Physical Science

Department

Geosciences

Entry Requirements

2027 entry requirements:

Standard entry:
4 Highers at BBBB including 2 maths and science subjects plus English and Maths at National 5.

For second year entry you would require Advanced Highers at AB.

Widening access entry:
3 Highers at BBC including 2 maths and science subjects plus English and Maths at National 5.

1 Foundation Apprenticeship is accepted in place of a non-essential Higher.

SCQF Level

10

Progression Routes

«ProgressionRoutes»

Combination Courses

«htmlCombinationCourse» «htmlCombinationUCASCode»

Address

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Website

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