Geology

University of Glasgow

Venues

Gilmorehill Campus

Content

Year 1: Initially you will study the major themes of Geology, undertaking two courses in your first year. The first course covers fundamental geological principles, including the structure of the Earth, plate tectonics, earthquakes, volcanoes, how rocks deform, and the evolution of the oceans and continents. The second course covers the evolution of life, surface processes and environments, climate change, the sustainable exploration for resources and energy, and associated environmental remediation.

Year 2: You will undertake two courses in the second year. The first course builds your knowledge of the solid Earth, focusing on key geological, geochemical and geophysical processes, and in particular the relationship between the deep Earth and crustal and surface processes. The second course develops your understanding of the evolution of Earth life and environments, changing climate and biogeochemical cycles, Earth exploration, and resource management.

You will also study other subjects in years 1 and 2.

Years 3 and 4: If you progress to Honours (years 3 and 4) you will study a number of core courses covering igneous geology (including geochemistry, chronology and volcanology), sedimentary geology (including environments and basin analysis), metamorphic and structural geology, stratigraphy and tectonic synthesis. You will also develop advanced practical skills in Earth observation, geophysics, spatial and numerical analysis, and the construction and interpretation of geological maps.

You will participate in extensive residential field classes in the UK and overseas and undertake an independent geological mapping project in your final year. You will also tailor your degree to include additional areas of interest chosen from a wide range of optional courses, many of which are focused on applied and environmental aspects of Geology, such as engineering geology, hydrogeology, petroleum geology and economic minerals.

Start Date

September

Qualification

Degree

Study Method

Full time

Award Title

BSc Hons

UCAS Code

F610

Course Length

4 years

Faculty

College of Science and Engineering

Department

School of Geographical and Earth Sciences

Entry Requirements

2027 entry requirements

Standard entry: 4 Highers at AAAB (by end S6 with min BBBB after S5) including 2 science subjects at AA (AB may be considered).

Widening access entry: 4 Highers at AABB/BBBB (by end S6) including 2 science subjects. Completion of pre-entry programme is necessary.

SCQF Level

10

Progression Routes

«ProgressionRoutes»

Combination Courses

«htmlCombinationCourse» «htmlCombinationUCASCode»

Address

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Website

www.gla.ac.uk