Environmental Geoscience

University of Glasgow

Venues

Gilmorehill Campus

Content

Environmental Geoscience prepares you to pursue a variety of careers including geo-environmental consultancy, engineering & water management, geological hazards, and renewable energy development & implementation.

Years 1 and 2: You will study the major themes of environmental geoscience, underpinned by key geological principles, using a problem-based approach to learning integrated with topical examples.

You will cover fundamental environmental geoscience principles, including the evolution of life, surface processes & environments, the sustainable exploration for resources & energy, climate change, water security and waste & contaminated land management. These principles are supported by the understanding of geological concepts such as plate tectonics, the structure of the Earth, volcanoes, earthquakes, how rocks deform, and the evolution of the oceans & continents. You will develop a range of spatial, analytical and computational skills.

You will participate in local field classes in both years, and a residential field class in your second year, where you will develop your practical and problem-solving skills.

You will also study one or two other subjects in year 2 according to your interests: see Degrees in Arts, Science and Social Sciences.

Years 3 and 4: If you progress to Honours (years 3 and 4) you will study a number of core courses covering past & future climates, hydrogeology, environmental aqueous geochemistry, landscape change, sedimentary systems, and engineering geology. You will develop spatial, numerical and computational skills, both in the laboratory and in the field.

You will participate in residential field classes in the UK, as well as day field classes. You will also undertake an independent project in your final year where you will develop and answer a research question based on data you have collected.

You will have the opportunity to tailor your degree to align with your interests and career aspirations. You may choose from a wide range of optional courses, many of which are focused on environmental aspects of geology, physical geography and applied environmental geoscience.

Start Date

September

Qualification

Degree

Study Method

Full time

Award Title

BSc Hons

UCAS Code

F600

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 or 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