



Geology

Course objectives

This course aims to develop an interest in and enthusiasm for geology by developing knowledge and understanding of different areas of geology and how they relate to each other. In turn students will appreciate how society makes decisions about scientific issues and how the sciences contribute to the success of the economy and society. Students will also develop and demonstrate a deeper appreciation of geodiversity, the finite nature of the Earth's resources and the need for geoconservation.

Main qualifications

- A Level

Awarding Body

- OCR

Other compulsory qualifications

- None

Duration/ Lessons per week

- 10 x 1 hour lessons over a two week timetable

Standard entry requirements

Geology specific

- Combined Science 5, 5
- Mathematics preferred grade 5

Progression opportunities

- Geology will provide you with a broad base of knowledge and a wide range of practical skills, opening an enormous variety of study and career opportunities. A Levels can lead to exciting opportunities in Higher Education.

Course content

Module 1: Development of practical skills in Geology

Module 2: Foundations in Geology

Module 3: Global tectonics

Module 4: Interpreting the past

Module 5: Petrology and economic geology

Module 6: Geohazards

Module 7: Basin analysis



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Assessment

- Fundamentals of Geology 2 hour 15 minute written paper—41% of total A Level
- Scientific literacy in Geology 2 hour 15 minute written paper—37% of total A Level
- Practical skills in Geology 1 hour 30 minute written paper—22% of total A Level
- Practical endorsement in geology—non examined assessment

Costs

- A small cost will be incurred for the four field visits, equating to approximately £50 across two years.

Staff contact

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