

# Why Choose Geology?

**Geology** is a branch of science concerned with the structure, evolution and dynamics of the Earth. It is a practical science which is applied extensively and is far more than just the study of rocks. From natural resource exploration and extraction to construction and waste disposal, geologists will always be in demand.

University visits are also an integral part of the course with regular opportunities to attend lectures at Manchester and Liverpool.



Choose Geology as an option and you will have the chance to participate in a variety of practical activities both in school and on fieldwork trips to Snowdonia, the Peak District and many other local sites. Together with the Geography Department we have visited Italy and are planning another Iceland expedition in 2018.



**Alun School** is one of the very few centres that teach A Level Geology, our experienced teaching team provide expert guidance and tuition in 5 weekly lessons.

# Geology

## Assessment Information

### A Level Units

**AS Unit 1** - Geological Enquiries - 1 hour and 30 minutes written examination that makes up 40% of AS qualification.

**AS Unit 2** - Foundation Geology - 1 hour and 30 minutes written examination that makes up 60% of AS qualification.

**A2 Unit 3** - Geological Investigations - 2 hours and 15 minutes written examination that makes up 35% of A2 qualification.

**A2 Unit 4** - Geological Principles and Processes - 2 hours written examination that makes up 30% of A2 qualification.

**A2 Unit 5** - Geological Applications - 2 hours written examination that makes up 35% of A2 qualification.

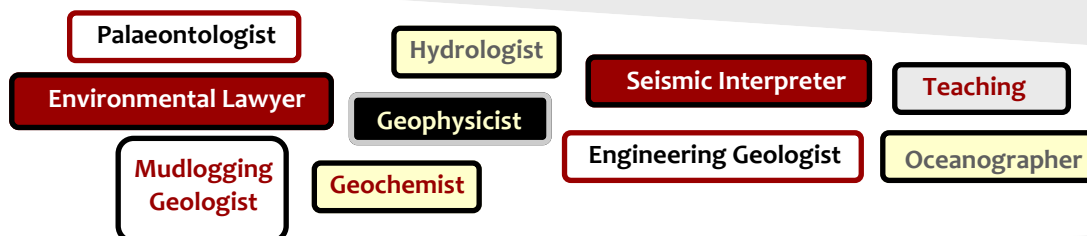
## Entry Requirements

You should have achieved a grade B or above in GCSE Science and Maths (preferred). No previous geological knowledge is required but an interest in the subject is requested.

## Progression Routes

The transferable skills and knowledge you will gain through the study of Geology at Alun School will be invaluable in enabling you to access a wide range of courses at university.

Geology will give you an excellent grounding for multiple career opportunities including:



Every year, this highly successful course inspires many students to progress on to study Geology and Earth Sciences at university.

### Why study Geology?

Study major scientific issues and themes.

Foster an understanding of the nature and scope of geology, including consideration of the Earth's history and its geological processes and times.

Help develop an understanding of the link between theory and experiment.

Provide opportunities to investigate, understand, critically evaluate and communicate geological facts and ideas, hence to develop informed opinions on a range of geological issues, problems and the responsible use of scientific knowledge and evidence.