

# Geology

**100%**  
Pass Rate

**82%**  
A\*-B Grades

**Outstanding**  
job prospects

**Fieldwork**  
opportunities

Prestigious  
university  
opportunities



# A Level Geology

Geology at Runshaw College is an exciting and vibrant subject with appeal to Science-based and Physical Geography students. It is a diverse and interesting subject with a mixture of applied, practical and theoretical work, delving into the structure, evolution and dynamics of the Earth. We examine the vastness of geological time and the record of life on Earth, together with the impact Geology has on our own lives through the exploitation of its mineral and energy resources.

The first year of the course concentrates on the fundamentals of geology, including rocks and the geological processes that formed them, structural geology and how rocks have been folded and faulted by stress, plate tectonics and how it works, why geologists examine fossils. The second year takes these concepts and examines them in more detail, applying them to real-world sectors in which geologists have prominent roles, and applying them to big questions, such as how has life evolved and what causes climate change.

As part of the A level Geology course, students embark on several UK fieldtrips to experience textbook geology in the real world. This gives opportunities to learn and practise the practical skills of a geologist, and see the application of geology in the natural environment. Optional additional trips abroad also offer the chance to see exciting geological phenomena, beyond that found on the British Isles.

Focusing for a moment on the future and what students do after their time at Runshaw, 89% of students went on to further education or apprenticeships in 2022/23. Post degree, careers open up for geologists in a large number of exciting and lucrative sectors, such as mineral exploration & mining, hazard prediction & management, hydrology, environmental sciences, mapping & surveying, engineering and the energy & resource industry.

At Runshaw, our students are taught by a specialist Geology teacher, who has a First Class Master's Degree in Earth Science from a Russell Group University. Embracing the truly scientific nature of the content, students are guided by their teacher to complete the practical endorsement, recognised separately to A level grades by all UK universities.

If you want to join an exciting, popular and relevant subject with outstanding future potential, interdisciplinary application and strong links to other subjects such as Chemistry, Physics, Biology, Geography and Mathematics, then Geology at Runshaw College is for you!

## Entry Requirements:

A minimum of 5x Grade 5s, including Grade 6 in Maths as well as Grade 6 in Science OR Geology.

## What's great about this course?

- 1 Outstanding job prospects
- 2 Experience geology in the field
- 3 Guest speakers



Runshaw\_Geology

For more information about our courses, visit [runshaw.ac.uk](https://runshaw.ac.uk)  
call **01772 643000** or email [info@runshaw.ac.uk](mailto:info@runshaw.ac.uk)