A LEVEL GEOLOGY

Geology is all about the Earth around you, how it works and how we can look after, and use it in a sustainable way. You'll study a range of material including geohazards, dinosaurs and many amazing minerals. Geology rocks!

Level 3 · A Level (or equivalent) · Truro College

TOP COURSE HIGHLIGHTS

PASSIONATE, DEDICATED STAFF | EXCELLENT SPECIMEN COLLECTION | LAB AND FIELDWORK EXERCISES

PRACTICAL, HANDS ON

Geology is a very practical, hands on course. Our specimen collection is extensive and includes some exceptional fossils such as a dinosaur footprint and egg as well as examples of all of the minerals, rocks and fossils you will be expected to become familiar with.

EXTENSIVE FIELD WORK

Our field work offer far exceeds the minimum expected by the exam board and includes a residential trip to the Jurassic Coast, which our students widely agree is one of the most exciting parts of their time with us, as it is where geology 'becomes real' and the experiences give opportunities to make lifelong friendships.

SUPERB JOB OPPORTUNITIES

Geologists are right at the top of the Government's UK Shortage Occupation List, and so job prospects and pay are excellent.

WHY CHOOSE THIS COURSE?

Geology is the science of the Earth and involves the study of exciting topics including volcanoes, earthquakes, fossils, and minerals as well as important theoretical insights, for example plate tectonics. It is the foundation of everything we know about the Earth's past which can lead us to understanding the processes that are currently affecting the planet and how we can protect it in the future. The skills and knowledge you acquire on this course will help you to understand that geology is the solution to many of the crises currently threatening planet Earth.

Do you wonder which forces drive volcanoes, earthquakes, and tsunamis? Are you fascinated by fossils and their evolutionary roots? Have you ever wondered where gold, diamonds and other natural resources come from? Are you concerned about the environmental consequences of the extraction of oil and gas or radioactive materials? Did you enjoy physical geography at school? If the answer to any of these questions are yes, then geology may be the subject for you.

WHAT WILL I LEARN?

In your first year you will investigate the Earth from its meteorite origins through to the range of rocks found in its different layers and surface environments. You will study the immense forces that might circulate rocky material through the inside of the Earth and move the surface plates around, leaving huge cracks and folds behind as evidence of past activity. You will discover how geologists need a multitude of different skills to accurately measure and describe features in the

environment. Through field trips in Cornwall and further afield in the UK, you will develop these skills for yourself.

WHERE WILL IT TAKE ME?

This course is designed to lead to Higher Education or into an Apprenticeship in any geoscience related course such as engineering, environmental science, palaeontology, oceanography, exploration, geophysics, geography, astrophysics, marine sciences, planetary sciences, or hazard management. With further training this could lead to many careers within a variety of fields. Geologists are required in the oil industry, mining, materials science, hydrogeology (water resources), civil engineering, geotechnical engineering, public services, geohazard prediction and mitigation, scientific research (e.g. climate change, seismology) and education. Employment prospects are currently excellent, 26 out of 86 careers on the government's UK Shortage Occupation List are geologists.

ENTRY REQUIREMENTS

Minimum of 5 GCSEs Grades 4 or above, including Grade 5 in English and Maths and at least one of GCSE Chemistry, Physics or Biology Grade 5 or GCSE Combined Science Grades 55.

IMPORTANT

Course information can change. Please use the QR code below for the current assessment arrangements, entry requirements and start dates.

FOR THE LATEST COURSE INFORMATION

Scan for assessment arrangements, learner support, confirmed start dates and how to apply.