



Launceston College Sixth Form

Part of the Athena Learning Trust

Geology

Subject Information
For admissions in September

Geology

Course Title: A-Level Geology

Exam board : OCR

Qualification Title: A-Level Geology

Specification link:

<https://www.ocr.org.uk/Images/322105-specification-accredited-a-level-gce-geology-h414.pdf>

Modules

- Module 1 - Development of practical skills in geology
 - Practical skills assessed in a written examination
 - Practical skills assessed in the practical endorsement
 - Practical skills developed through fieldwork and assessed in a written examination
- Module 2 - Foundations in geology
 - Minerals and rocks
 - Fossils and time
- Module 3 - Global tectonics
 - Earth structure
 - Plate tectonics
 - Geological structures
- Module 4 - Interpreting the past
 - Sedimentary environments
 - Geochronology
- Module 5 - Petrology and economic geology
 - Applied sedimentology
 - Fluids and geological processes
 - Igneous petrology
 - Metamorphic petrology
 - Mining geology

Modules continued

- Module 6 - Geohazards
 - Geohazards
 - Engineering geology
- Module 7 - Basin analysis
 - Key concepts for basin analysis
 - Basin analysis in practice

Entry Requirements:

5 GCSE's at 9 - 5 including a minimum of 5 in Maths and English

Possible progression routes:

This can lead to careers in exploration and production, water supply, environmental engineering and geological surveying. Other areas include environmental planning, geo-conservation, hydrogeology, teaching and communication.

Equipment Required:

Purchasing a text-book or supporting revision guide is recommended.

Other relevant Information:

Students undertake a minimum of four days of fieldwork. This should allow them to develop proficiency in fieldwork skills, apparatus and techniques, and demonstrate their competence in practical field geology.

Subject contact:

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How to apply?

To apply to Launceston College Sixth Form please complete our online application form:

www.launceston-college.cornwall.sch.uk/sixth-form

Our admissions team will then be in contact to arrange a Sixth Form interview to discuss your options, your aspirations, and to provide advice and guidance on your next steps.

If you cannot access the website, or would like to submit a paper based application please email or call.

sixthform@launcestoncollege.uk
01566 771855

Further details about all of the courses we offer can be found on our website.