

Geology

AWARDING BODY WJEC



Course Specification link:

<https://www.wjec.co.uk/media/xfrhmzui/eduqas-a-level-geology-2017-e.pdf>

Brief outline of course

A level Geology 603/0859/X

A Level Geology introduces you to the science which studies the whole Earth. It covers a range of real life geological contexts (e.g. geohazards in Britain and the evolution of flight) and the challenges that face contemporary geoscience. The course assumes no prior experience of geology but builds on GCSE science concepts that it applies to the study of the Earth to develop an understanding of concepts that have both an academic and practical application.

The specification is structured in three sections:

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| <ul style="list-style-type: none"> • Fundamentals of Geology <ul style="list-style-type: none"> ○ F1 Elements, minerals and rocks ○ F2 Surface and internal processes ○ F3 Time and change ○ F4 Earth structure and global tectonics | <ul style="list-style-type: none"> • Interpreting the Geological Record <ul style="list-style-type: none"> ○ G1 Rock forming processes ○ G2 Rock deformation ○ G3 Past life and past climates ○ G4 Earth materials and natural resources | <ul style="list-style-type: none"> • Geological Themes <ul style="list-style-type: none"> ○ T1 Geohazards ○ T2 Geological map applications ○ T3 Quaternary geology* ○ T4 Geological evolution of Britain* ○ T5 Geology of the lithosphere* |
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Learners study one of the options T3, T4 and T5, indicated with an asterisk.

Throughout the course you will develop a range of practical skills which are integrated within the topics and are assessed through written examinations. The internally assessed Practical Endorsement skills form part of the full A Level Geology course. Students undertake a minimum of four days of fieldwork. This should allow to develop proficiency in fieldwork skills, apparatus and techniques, and demonstrate their competence in practical field geology.

Are you interested in:

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| <ul style="list-style-type: none"> • Developing practical geological and science skills through fieldwork and in the classroom • In-depth study of real-life geology contexts: Geohazards and Petroleum geology (fossils, physics and fieldwork). | <ul style="list-style-type: none"> • Physical geography • Science of evolution and the planet • Conservation of the planet • Whether there could be life on other planets • Did all the dinosaurs really die out? |
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Leading to a career in:

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| <ul style="list-style-type: none"> • Earth science • Archaeology • Mining engineering | <ul style="list-style-type: none"> • Marine science • Civil engineering • Palaeontology |
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Subject Entry Criteria

GCSE Grade 5/5 in Science

Teachers to contact:

Teacher Name

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