

Course Level

A Level

Awarding Body

AQA

Entry Requirements

Triple Science - Grade 5 in any science & Grade 5 in an English

Trilogy Science - 2 x Grade 5s

Assessment

100% externally examined modules.

The A Level consists of two written 180-minute papers assessing all content from both years of teaching. Both papers contain a combination of multiple choice, short answer, and extended writing questions.

ENVIRONMENTAL SCIENCE

Environmental Science is a multi-disciplined subject that will allow you to investigate the cause and effects of 21st century challenges on the natural environment. The course will allow you to develop the skills and knowledge to understand how our environment works and how people are changing it, be it for better or for worse!

The course is split into sections which include;

The Physical Environment, Energy Resources, Pollution, The Living Environment, Biological Resources and Sustainability. The course looks at how life on Earth has developed over time and how humans have had a significant impact on the changes that have taken place. The topics look at the implications of mining, fishing, farming, and use of resources to provide for the population. There will be numerous opportunities for debates surrounding issues that are at the forefront of UN and scientific discussions.

There will be an opportunity for a field trip to complete practical investigations relating to different case studies during the A Level course.

Where can the study of Environmental Science at A Level take students?

Suitable degrees once you have successfully completed your A Level Environmental Science course include Environmental Science, Ecology, Microbiology, Law, Geography, and Conservation to name a few.

Future Career Options

Beyond university, potential future careers for A Level Environmental Science students include in-demand careers such as:

Environmental specialists, landfill engineers, nuclear waste management, hydrogeologist, geologist

Environmental Science also counts as a science qualification when applying for medicine or dentistry degrees.

Special Requirements

To be suitable students need to:

- Have an interest in, and a love of the environment, the world and science.
- Want to find out about how things work in the real world.
- Enjoy applying their minds to solving complex global problems.
- Have gained two Grade 5's in GCSE Combined Science or a grade 5 in any Triple Science subject.

How does Birchwood support students?

The A Level course is very practical, and students will spend a lot of time in labs developing their practical skills in a structured way. The teaching staff provide help as required both in person and by email or even using collaborative tools online.

Link to specification: <https://www.aqa.org.uk/subjects/environmental-science/a-level/environmental-science-7447/specification>