Environmental Science
A Level

What is the course about?

Environmental Science is a highly relevant A Level for anyone interested in the environmental concerns of our time. It covers many aspects of the environment from climate change to water quality.

Students who enjoy a multi-disciplinary approach to learning and have a keen interest in the sustainability of our planet will find this course engaging and thought provoking. Key topics include the biophysical environment, energy resources, pollution and sustainability. With opportunities to include real life case studies, this contemporary qualification has never been more relevant.

This is a great accompaniment to A Levels in geography, sciences and maths and develops key skills including communication, teamwork and critical thinking.

Course content

Students study topics including:

- The living and physical environments.
- Detailed study of energy resources and pollution.
- In-depth analysis of biological resources and sustainability.
- Key skill development in research methods.

There is an important focus on working scientifically with opportunities for skills development and independent thinking; skills related to the methodologies and sampling techniques that students must gain through first-hand experience and skills related to research methods that can be gained through class-based and/or practical activities.

Assessment

Two terminal examinations.

Career pathways

Study environmental science, biology or geography related degree courses at higher education. High level apprenticeships in relevant sectors (e.g. conservation, the water sector).

Employment opportunities: environmental scientist, environmental law, zoologist, marine biologist, conservation, scientist, hydrologist, environmental engineer.

Entry criteria

Minimum of five 5 to 9 grades at GCSE, including grade 6 in Biology or Geography.