



A-Level Environmental Science

Course Information

The Environmental Science A-level looks at a wide range of Earth processes and human interactions with natural systems and is an important step in taking an interest in ecology and environmental studies to higher levels of study.

This course looks at many themes that may be familiar to students of geography and environmental management at a much higher academic level with more detailed methods and analysis. If you have a background in related sciences and want to really understand how the world works, this course is for you!

About the A-level course

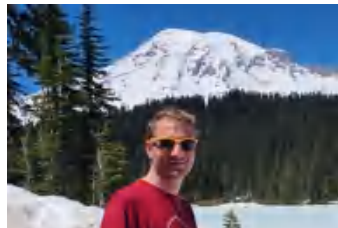
- Two-year distance course teaching the full AQA Environmental Science A-level.
- Weekly online classes during UK term time.
 - Homework every week
- Formally assessed homework every two weeks.
- Exam skills and tests throughout leading to full mock exams.
- Guided self-study with academic support throughout course.
- Support in learning practical skills and completing mandatory fieldwork requirements.

Course details

Course length:	Two-year course: <ul style="list-style-type: none">• September 2025 to July 2026• September 2026 to May 2027
Lesson time:	Thursdays 10am- 11.40pm
Course start date:	Thursday 4th September 2025
Course price:	£60/month
Class size:	Maximum ten students
Qualification:	A-level
Exam board:	AQA
Course code:	7447
Assessment :	<ul style="list-style-type: none">• Two three-hour written examinations• Fieldwork with accredited provider (non-assessed)

Your tutor

- I'm Damian and I teach all the classes at Earthlings Learning.
- I began my career in education teaching English as a foreign language, where I taught students of all ages and abilities for ten years in various different countries in Asia and Europe.
- As a life-long nature lover I combined my passions by completing an MSc in Environmental Management in 2018 and started off Earthlings in 2021 to help bring this knowledge and enthusiasm to other people who want to learn about it.
- I'm an amateur ecologist and general nature nerd, a member of the British Ecological Society and participate when I can in various awesome local nature-related projects.
- I enjoy all sorts of weird and wacky natural things and host classes with an informed but informal enthusiastic style. I like to travel to see some of the things we talk about in class first-hand and bring these experiences to the classroom.



Modules of study - unit breakdown

Unit 1: The living environment	Understanding the conditions that allow life on Earth. Understanding global cycles and systems. The importance of humans and conservation of biodiversity.
Unit 2: The Physical Environment	In this module we learn about the physical factors that determine Earth systems including water, soil, atmosphere and minerals.
Unit 3: Energy Resources	Energy makes the human world go around! This module looks at methods of energy generation in detail, ways of conserving energy and approaches to future energy challenges.
Unit 4: Pollution	Understanding the ways that chemicals and energy interact to cause environmental change. The properties of pollutants and ways to manage their environmental impact.
Unit 5: Biological Resources	Human management of natural resources. Agriculture, water management and the use of forest resources.
Unit 6: Sustainability	How do you live infinitely on a finite world? Addressing the challenges of the sustainability of biotic and abiotic resources.
Unit 7: Research Methods	How do you research? Laboratory and field skills, sampling techniques and generally making good science!

Entry requirements

- While there are no hard entry requirements, the A-level is a step-up in challenges and assumes some prior knowledge.
 - Key skills include some mathematical and English skills, familiarity working with graphs and the principles of delivering and analysing experimental data.
- Recommended prior study includes subjects such as IGCSEs in Environmental Management, Geography, Marine Science, Biology or Chemistry.
 - While all of these are by no means required, some experience in these areas is to be expected.
- The course is quite tough so prepare for some self-study!

Fieldwork

- Although not technically considered Non-Examined Assessment, certified completion of fieldwork is considered mandatory by most exam centres for entrance to the ES exam.
- An in-person fieldtrip will be arranged with myself and an external provider which students will be advised to attend.
- Given geographical restrictions fieldwork can however be completed by any accredited provider.
- Exact location and dates TBC, depending on the availability of external provider.
- I will accompany students on the course for which there's no additional fee however the course with an external provider does come at additional cost.
- Parents can accompany students or can come unattended with myself and centre staff assuming pastoral responsibility if they and parents are confident to do so.

General Course Information

Required skills and knowlege

This is a challenging A-level course and is only recommend for those with existing qualification in the sciences such as biology, chemistry, marine science or related disciplines such as environmental management or geography.

Fieldwork and practical requirements

This course involves understanding practical ecological techniques and the design and delivery of an ecological investigation. We will study these techniques throughout the course at distance but a fieldtrip with an accredited provider is an requirement of most exam centres to be able to sit the exam.

Additional study

Self-study and review are ESSENTIAL to passing the course. Students will be expected to read in preparation for classes, complete homework and conduct further research on their own initiative.

Required textbook:

Environmental Science A level AQA endorsed
Author: Richard Genn
ISBN-10 : 1912190079
ISBN-13 : 978-1912190072



Content warning

We will be looking at the direct impacts of pollution, climate change and habitat loss which contains some mature themes including human mortality, the death of wildlife and the impacts of climate change.

For further information or enquires please contact Damian at:
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