



A Level Courses 2025

Biology



Entry Requirements

Minimum:

Standard Entry Requirements:

5 GCSE's at a grade 4 or above and Grade 5 in Biology or 5/5 in Combined Science, 5 in Mathematics and 5 in English.

What will you learn:

Biology is an exciting and exhilarating subject. In some ways it can be considered the most demanding of all the sciences, partly because living systems are so complex and partly because biology is a multidisciplinary science that requires a knowledge of chemistry, physics, and mathematics. Biology can be thought of as the decathlon of natural science with a deep connection to the humanities and social sciences.

Through our A Level Biology curriculum, we aim to develop versatile scientists through inspiring our students to appreciate the complexity of life.

The A Level Biology course starts with the foundations of biology through learning about cell structure, microscopy, and biological molecules. Students then progress to learning about exchange and transport and an in-depth study of processes such as respiration and photosynthesis.

Elements of the course:

We enrich our students' understanding through studying each element via a rich web of contexts so that all students develop a framework for fitting together the many things they will learn in this multidisciplinary exploration of life.

Throughout the course we will undertake a variety of theory and practical based work, and will take the opportunity to carry out work in the field.

Where could it take me?

A Level Biology is a highly facilitating course and will provide an entry pathway into a wide variety of academic disciplines. From Biochemistry to Microbiology, Marine Conservation and Coastal Ecology to Plant Physiology, or Medical Sciences to Veterinary Sciences... Biology broadens horizons and provides opportunity.

Assessment:

At A Level all eight units are assessed by means of three written examinations where students are required to answer structured questions. Some responses require extended writing. All examinations will be taken at the end of the two-year course. Biology is fundamentally an experimental subject. Students will have numerous opportunities to use practical experiences to link theory to reality, and equip them with the essential practical skills that will be examined as part of the terminal written papers.