



Why Study Biology?

Biology is one of the most popular A Level subjects in the country, attracting students studying a wide range of other subjects. It is a challenging course that provides students with a broad scientific understanding. The course allows students to take responsibility for their own learning, evaluate data and develop practical, written and communication skills. Most students go on to study degree courses in Biomedical or other Health-related Sciences.



Course Content and Assessment

The A Level Biology course is composed of 8 units of work:

- Biological molecules
- Cells
- Exchange of substances with their environment
- Genetic information and variation
- Energy transfers in and between organisms
- How organisms respond to their internal and external environments
- Populations, evolution and ecosystems
- The control of gene expression

Students will be assessed on their practical skills over the 2 years and will be awarded a practical skills endorsement at the end of Year 13, if they reach the required standard.

Students are also assessed at the end of Year 13 by 3 written exams, each of which is 2 hours long. The papers consist of a mixture of short and long answer questions, data analysis and essay questions.

Progression Routes

This course will provide a sound basis for those who want to go on to study Biology, Biochemical Sciences, Nursing, Medicine, Dentistry or Veterinary Science to degree level.

Entry Requirements

In order to cope with the demands of the course, students should have gained at least grade 6 in Biology or 6,6 in Trilogy Science at GCSE and a grade 6 in English and Maths.