



A Level Biology

Biology literally means the study of life.

Biology A Level will give you the skills to make connections and associations with all living things around you. Being such a broad topic, you are bound to find a specific area of interest, plus it opens the door to a fantastic range of interesting careers.

The top degree courses taken by students who studied A Level Biology are:

Biology, Psychology, Sport Science, Medicine, Anatomy, Chemistry Physiology, Pathology, Toxicology, Pharmacy and Pharmacology.

Career options include:

Clinical Molecular Geneticist, Pharmacologist, Nature Conservation Officer, Research Scientist, Environmental Consultant, University Lecturer, Dentist, Secondary School Teacher, Doctor, Soil Scientist, Pharmacist and many more.

Year 12.

You study the following topics:

Biological Molecules,
Cells,
Organisms exchanging substances with their environment,
Genetic information, variation and relationships between organisms.

Year 13.

In Year 13 you study the following topics:

Energy transfers in and out of organisms,
Organisms respond to changes in their internal and external environments,
Genetics, populations, evolution and ecosystems,
Control of gene expression.

Biology is a practical subject and throughout the course you will have the chance to carry out various practical activities such as using microscopes, dissecting animal or plant systems, using aseptic technique to study microbes, and many more.

Course: **A Level Biology**

Length of Course: **2 Years**

Entry qualifications: **Three Grade 9-6 at GCSE level including Mathematics and Grade 7 in High Tier Combined Science Trilogy or Biology**

Assessment: **2 exams at the end of Year 12, each 90 minutes long and 3x 2 hour exams at the end of Year 13.**

Practical Skills: **Practical Skills are assessed throughout the course. Students complete twelve practicals during the A Level and are graded as Pass or Fail**