

BIOLOGY

Biology A-Level is the study life and includes among many topics: biochemistry, physiology, genetics and ecology

COURSE DETAILS

A Level
AQA - 7402
Science GCSE Grade 6 or higher

Biology A-Level will give you the skills to make connections and associations with all living things. As a wide range of topics are covered, it can be used to open the door to a fantastic range of careers.

A Level Biology lasts two years, with exams at the end of the second year. The topics are: Biological molecules; Cells; Organisms exchange substances with their environment; Genetic information, variation and relationships between organisms; Energy transfers in and between organisms; Organisms respond to changes in their internal and external environments; Genetics, populations, evolution and ecosystems; The control of gene expression. Biology, like all sciences, is a practical subject and so practical activities such as using microscopes to see cell division, dissection of animal or plant systems and investigating animal behaviours are carried out. The practicals are devised to give the skills and confidence needed to investigate the way living things behave and work.

There is no coursework on this course but performance during practicals will be assessed. There are three exams at the end of the two years, all are two hours long. Both theory and experimental work are designed to give you the skills and knowledge need to be successful at degree level.

The possible degree options are:

- ¹ Biology
- ¹ Psychology
- ¹ Sport and exercise science
- ¹ Medicine, Dentistry, Veterinary Medicine
- ¹ Physiology or Pharmacology

