A Level Biology

Exam board and specification: AQA (7402)

What you need to study this course: Grade 7 in GCSE Biology or 6,7 in Combined science

Why you should consider this course

This course develops knowledge and understanding of biological concepts. There is an emphasis on practical techniques and applying knowledge to broader, real-life themes. This course is highly regarded by employers and universities.

What you will study

Year 12: Biological Molecules, Cells, Exchange of Substances, Genetics, Biodiversity and Classification

Year 13: Energy Transfers In and Between organisms, Responding to Changes in Environment, Genetics, Populations, Evolution and Ecosystems, Control of Gene Expression

How you will be assessed:

Paper 1 – Year 12 content, Written Exam – 2 hours (35%)

Paper 2 – Year 13 content, Written exam, 2 hours (35%)

Paper 3 – Year 12 and 13 content, Written exam, 2 hours (30%)

All exams will assess you on:

Short and long answer questions, extended response questions

Practical technique assessment

Critical analysis of experimental data

Paper 3 will include an essay question, worth 25 marks

You will also need to carry out 12 required practical's effectively, to pass the practical component of the course.

Where can it take you?

The top 5-degree courses taken by students who have an A level in Biology are: Biology, Psychology, Sport and exercise science, Medicine, Anatomy. There is also a wealth of degree apprenticeships on offer, that are based in biology.

Studying A-level Biology gives you all sorts of exciting career options, including:

- Doctor / Dentist
- Clinical molecular geneticist
- Nature conservation officer
- Pharmacologist
- Vet
- Marine biologist
- Physiotherapy

A Level Biology Alumni Destinations:

Kings College, London – Biomedical Sciences

University of Birmingham- Nursing

St George's - Clinical Pharmacology

Queen Marys, London – Biomedical Sciences

Royal Veterinary College – Animal Biology

University of Surrey – Veterinary Sciences