

# Biology



The syllabus best prepares you for university and/or if you wish to pursue a career in a biology related field. The skills you gain are highly-transferable to lots of other subjects and the qualification is looked on favourably by many universities and employers. The topics in A Level Biology cover a broad range and build on your GCSE knowledge. You will cover topics from DNA replication and protein synthesis, to how nerve impulses travel along your neurons, to how your cells actually make the energy you need to do everything you do.

## Course Outline

### AS Level

Unit 1:

Lifestyle, health and risk

Genes and health

Unit 2:

Voice of the Genome

Biodiversity and Natural Resources

### A Level

Unit 1:

On the Wild Side

Immunity, infection and forensics

Unit 2:

Run for your life

Grey Matter

## Assessment

AS Paper 1 worth 50% covering unit 1

AS Paper 2 worth 50% covering unit 2

A Level Paper 1 worth 33.3% covering both AS Units plus A Level Unit 1

A Level Paper 2 worth 33.3% covering both AS Units plus A Level Unit 2

A Level Paper 3 worth 33.3% is a synoptic paper covering all topics

AS and A-Level chemistry are decoupled and not studied here as a linear course.

## Career Progression

A Level in Biology opens up a world of opportunity, giving you access to a wide variety of fields including: Medicine, Dentistry, Veterinary Sciences, Physiotherapy, Marine Biology, Environmental Sciences and Forensics.

## Complementary Subjects

Chemistry, PE and Geography all have topics heavily linked to Biology.

## Entry requirements

GCSE Biology Triple: **7**

GCSE Combined Science: **7,7** in B1 and B2,

GCSE Maths: **6**

*What our Students say:*

*Biology was always fascinating for me as a subject but doing it A-Level brought it to life and opened my eyes to the vast array of what I could do in Biology after Sixth Form.*

*James – Class of 2016*