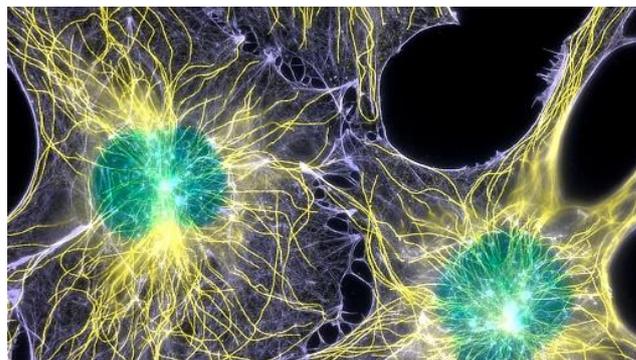


# Biology



## Introduction to Biology

In Biology we will be following the AQA Syllabus. This syllabus has been chosen as it prepares you perfectly for university and/or if you wish to pursue a career in a biology related field. The skills you gain in 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

### Year 12

- Biological Molecules
- Cells
- Organisms exchange substances with their environment
- Genetic information, variation and relationships

### Year 13 (All AS content plus:)

- Energy transfers in and between organisms
- Organisms respond to change in their internal and external environments
- Genetics, populations, evolution and ecosystems
- The control of gene expression

A-Level Biology is studied here as a linear course.

## Career Progression

Biology equips you with many transferrable skills that can be used in a wide range of subject areas. Universities and employers look favourably on an A-level in biology, especially using the exam board Edexcel Nuffield-Salters. A Level in Biology opens up a wide choice of future careers, including: Medicine, Dentistry, Veterinary Sciences, Physiotherapy, Pharmacy, Environmental Sciences, Forensics, Psychology and Engineering.

## Complementary Subjects

Chemistry, Physics, Psychology, Geography and Maths

## Entry requirements

GCSE Biology: **7**

GCSE Trilogy: **7** in Biology Paper 1 and Biology Paper 2

GCSE Maths: **6**

### *What our Students say:*

I believe that it's the best A-level that I have done by far. Even though some concepts may be tricky at first, the way it all ties in together and how interesting it is as a topic makes up for all of that. So in conclusion Biology is the way to go!

*Sara*