## **OVERVIEW OF COURSE**

#### A Level Course 7402

## **Core content;**

- 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

Paper 1 – Topics 1-4. Written exam. 35% of A Level

Paper 2 – Topic 5-8. Written exam. 35% of A Level

Paper 3 - Topics 1-8. Written exam. 30% of A Level



**Practical endorsement** – is a separate report commenting on practical skills. Students must complete 12 required practical tasks which will be assessed in the written exam.

# **Popular Subject Combinations**

Biology combines well with other Sciences, Mathematics, Psychology or P.E.

### **Career Paths**

Biology A Level is the critical science for Physiotherapy, Nursing, Medicine and Veterinary Science.

Studying Biology is fascinating and helps me understand the complexivity of living things

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**ENTRY REQUIREMENTS:** 

GCSE Trilogy Science Grade 9-6 or Biology and Chemistry grade 9-5

Mathematics and English grade 9-5

Core Maths is recommended as an extension subject for students not studying A Level Maths