



## **Biology**

### **Who is this course for?**

This course is ideally suited for students who are interested in Biology and life and who want to study an A-Level Science. It is also beneficial and or essential for some university degree courses.

### **What will I study?**

#### **Year 12**

Biological molecules

Cells

Organisms exchange substances and their environments

Genetic information variation and

relationships This will be assessed by 2 exams.

There are 6 compulsory practicals which will be assessed within these exams.

#### **Year 13**

Biological molecules

Cells

Organisms exchange substances and their environments

Genetic information variation and relationships

Energy transfers within and between organisms

How organisms respond to changes in their internal and external environments.

Genetics populations evolution and ecosystems The control of gene expression.

This will be assessed by 3 external exams.

There are 12 compulsory practicals which will be assessed within these exams.

### **How will I be assessed?**

100% exam

### **Course entry requirements**

Five GCSEs at Grade 5 or above in different subjects including English and Maths and recommended 6 in Biology and 5s in all the other sciences. If single sciences are not available at your school then you need two grade 6s in the GCSE Sciences you are taking

### **What can I do with this qualification?**

A Science A-Level is ideal for any degree subject or career i.e., Physiotherapy, Laboratory Work, Medicine and Nursing, Pharmacy, Dentistry, Ophthalmic, Veterinary Science, Agriculture, Forestry, Horticulture, Teaching, The Food Industry, Environmental Health, etc.

**Also consider:** Biology, Mathematics, Physics, Geography, History, IT, English and Psychology.

