



A LEVEL BIOLOGY

WHAT DO I NEED TO STUDY THIS COURSE?

The entry requirements for this course are 5 GCSEs at grade 6 or above including Grade 6 in GCSE Biology or 66 in Combined Science plus grade 6 in GCSE Maths and grade 5 in English Language

IS THIS COURSE FOR ME?

This course is for you if you are keen to understand more about the structure, roles and interactions of living organisms within ecosystems. The course covers a wide range of topics; ranging from the molecular make up of biological molecules at the cellular level to the interactions between organisms within ecosystems.

WHERE WILL THIS COURSE TAKE ME?

There are many careers, for which A Level Biology is either essential or very useful; these include – zoology, medicine, nursing, dentistry, physiotherapy, forensics, criminology, and veterinary science. Other careers include pharmacy, pharmacology, biochemistry, sports therapy, psychology, speech therapy, forestry, biotechnology, food science, microbiology, radiography, teaching, business, science writing or art.

WHAT WILL I LEARN?

Year 1 Units:

1. Biological molecules,
2. Cells
3. Organisms exchange substances with their environment
4. Genetic information, variation and relationships between organisms

Year 2 Units:

5. Energy transfers within and between organisms
6. Organisms respond to changes to internal and external environments
7. Genetic populations, evolution and ecosystems
8. The control of gene expression



HOW WILL I BE ASSESSED?

There are 3 written examinations

Paper 1

Any content from topics 1–4, including relevant practical skills; written exam: 2 hours 91 marks 35% of A-level

Paper 2

- Any content from topics 5–8, including relevant practical skills; written exam: 2 hours, 91 marks, 35% of A-level

Paper 3

- Any content from topics 1–8, including relevant practical skills; written exam: 2 hours, 78 marks, 30% of A-level



FURTHER INFORMATION

See Mrs Booth