

# BIOLOGY

## Course Summary



**ENTRY REQUIREMENTS:** Grade 7 or above in GCSE BIOLOGY or 7/7 in double award

### COURSE OVERVIEW

A Level Biology gives you a strong foundation in analytical thinking, report writing, and communication. You'll carry out lab and field experiments that support theory, while developing teamwork and practical skills. You'll also practise scientific methods, communication, and problem-solving. Over two years, you'll study topics like genetics, conservation, biodiversity, and more.

### WHY SHOULD I STUDY BIOLOGY?

If you're interested in genetic engineering, disease prevention, how cells work, natural resources, pollution's effects, or animal conservation, this is your subject. A Level Biology covers living systems, including lifestyle, genes, health, development, plants, energy, exercise, and research skills. By the end, you'll understand genetics, molecules, taxonomy, evolution, and more.

### WHAT COURSES CAN THIS PREPARE ME FOR AT UNIVERSITY?

A-Level Biology can prepare you for university courses such as Biology, Medicine, Biomedical Science, Environmental Science, Pharmacy. It provides a strong foundation for careers in healthcare, research, and life sciences.

### WHAT CAREERS CAN THIS SUBJECT SET ME UP FOR?

A-Level Biology can lead to careers in healthcare, research, and environmental fields. Possible roles include doctor, biomedical scientist, biotechnologist, geneticist, nurse and pharmacist.

### COURSE SPECIFICATION

#### EXAM BOARD: OCR

Paper	Content	Duration	Weighting
1	Biological processes - 100 marks	135 mins	37%
2	Biological diversity - 100 marks	135 mins	37%
3	Unified biology - 70 marks	90 mins	26%
4	Practical Endorsement in biology	n/a	n/a