

# A Level Biology



*"Biology is the study of complicated things that have the appearance of having been designed with a purpose." – Richard Dawkins*

A-Level Biology is your chance to explore the wonders of life itself—from the tiniest cells to entire ecosystems. It's a fascinating, challenging subject that builds critical thinking and problem-solving skills while nurturing curiosity about the natural world. Biology helps you understand life's complexity and equips you to tackle global challenges like climate change, health, and biodiversity.

## Subject specific entry requirements

*In addition to the standard entry requirements, the following subject entry criteria should be met:*

- 6 in GCSE Biology if separate science or 66 in Combined Science. 5 in GCSE Maths

## Exam Board

AQA Specification A Level: 7402

## Assessment

<b>A Level - two year course.</b>	10% of the marks in the exams are Maths based At least 15% of the overall assessment of A-level Biology will assess knowledge, skills and understanding in relation to practical work.
Paper 1:	Units 1-4 on Biological molecules, cells, organisms exchanging substances and genetic information. Relevant practical skills
Paper 2:	Units 5-8 on energy transfers in and between organisms, organisms responding to change, genetics and ecosystems, and the control of gene expression. Relevant practical skills
Paper 3:	Any content from Units 1 to 8 2 hrs written paper (short, long and essay based) Relevant practical skills
Practical Endorsement in Biology - (non-exam assessment)	

## This course will lead to:

A-Level Biology opens doors to a vast range of opportunities. It's essential for fields like medicine, veterinary science, nursing, and pharmacy. But it also leads to careers in genetics, biotechnology, forensics, environmental science, conservation, education, and even roles in business or law focusing on bioethics or sustainability. Whether you want to innovate in labs, work with wildlife, or influence public health policy, Biology is your starting point.