

Biology

Why study Biology?

Biology is a broad and exciting field, which enables pupils to further their understanding of living organisms. There will be an opportunity to do a variety of practical activities, including dissections and microscope work. Pupils will develop a range of skills, such as problem solving, data analysis and mathematical skills. Your lessons of Biology will cover exciting topics, ranging from molecular biology to the study of ecosystems, and from microorganisms to mammoths.

Entry requirements

Students applying to study biology must have achieved a grade B or better at GCSE Biology or Double Award Science, higher tier.

Course details and assessment format

AS

Unit 1: Written examination:

1½ hours (80 marks - 20% of qualification)

Basic Biochemistry and Cell Organisation

Unit 2: Written examination:

1½ hours (80 marks - 20% of qualification)

Biodiversity and Body System Physiology

A Level

Unit 3: Written examination:

2 hours (90 marks - 25% of qualification)

Energy, Homeostasis and the Environment

Unit 4: Written examination:

2 hours (90 marks - 25% of qualification)

Diversity, Heredity and Option A - Immununology and Disease.

Unit 5: Practical Examination

(50 marks - 10% of qualification)

Experimental Task (20 marks) and **Practical Analysis Task** (30 marks)

Skills which are developed and possible progression

Biology is one of the most popular A Level subjects in the Country. It is a great subject choice for pupils who wish to pursue a career in Health and Clinical professions, such as Medicine, Dentistry, Veterinary Science, Physiotherapy, Pharmacy, Optometry, Nursing, Zoology, Marine Biology or Forensic Science. So, whatever field you will eventually work in, you will find Biology a very rewarding and challenging course, which will develop many of the skills essential for a successful career.

"Biology is the most relevant and useful subject available at A level. It is taught thoroughly and in depth, and provides insight into health and the natural world."

James Watt

