

Why Choose Biology?

Biology is the 'cutting edge' science and its issues are in the news constantly: GM crops, stem cells, cloning, designer babies, DNA profiling, antibiotic resistance, biodiversity and conservation, to name a few. Biology lessons are enjoyable and fun and include lots of practicals and interactive 'hands-on' tasks such as microscopy and dissections. You will study the basic organisation of living organisms, how they work and their interaction with the environment.



Choose Biology as an option and you will have the chance to undertake an Ecology Field Course. Other opportunities include the Yr 7 Bunsen Buddy Scheme, Zoo Club, university visits and lectures and events organised by the Wales Gene Park.



At Alun School,
our experienced teaching team provide expert
guidance and tuition in 5 weekly lessons.

In addition, supplementary tutorials and an online support network are available.

Biology

Assessment Information

A Level Units

AS Unit 1 - Biochemistry and Cell Organisation - 1 hour 30 minutes written examination that makes up 20% of qualification.

AS Unit 2 - Biodiversity and Physiology of Body Systems - 1 hour 30 minutes written examination that makes up 20% of qualification.

A2 Unit 3 - Energy, Homeostasis and the Environment - 2 hours written examination that makes up 25% of qualification.

A2 Unit 4 - Variation, Inheritance and Options - 2 hours written examination that makes up 25% of qualification.

A2 Unit 5 - Practical examination comprising of an Experimental Task and Practical Analysis Task that make up 10% of qualification.

Entry Requirements

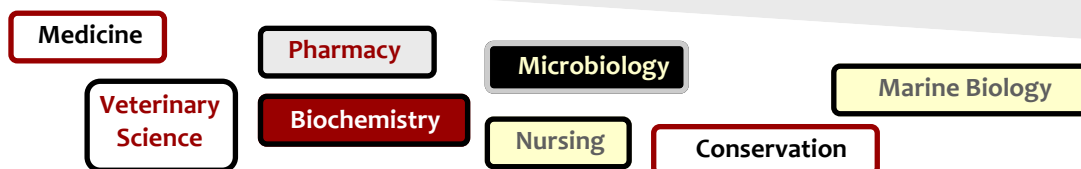
You should have achieved at least BB in double awards Science or a grade B in GCSE Biology and a grade B in **either** GCSE Maths or Numeracy.

Progression Routes

The skills and knowledge you will gain through the study of Biology, together with the enrichment activities that are available to you, are valued in many careers and will be invaluable in enabling you to go on to study a wide range of courses.

A large proportion of our Biology students leave Alun School to undertake degrees at Russell Group universities.

Biology will give you an excellent grounding for multiple career opportunities including:



Many students use their Biology qualification to enter Higher Level Apprenticeships and employment opportunities that value the analytical and problem-solving skills that studying Biology provides.

“I enjoyed the Ecology field course so much that I decided to spend 6 months in a Safari Park in Africa during my gap year.”

- Gemma Baron, Zoology at Newcastle

“The teachers are experienced and dedicated and several of them are WJEC examiners. They give lots of help with revision and useful tips to remember all the biological terms.”

- Emma Rushforth, Medicine at York

“I thoroughly enjoyed studying Biology at the Alun and would recommend it to anyone.”

- Nicola Poole, Biology at Manchester