

Biology - A Level

Contact Person: Miss I Smith

Course Outline:

You will study:

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

In the second year of A Level you will study:

5. Energy transfers in and between organisms
6. Organisms response to changes in their internal and external environments
7. Genetics, populations, evolution and ecosystems
8. The control of gene expression

There is no coursework on this course, however, your performance during practicals will be assessed.

There are three exams at the end of the two years all of which are two hours long. At least 15% of the marks for A-level Biology are based on what you will have learnt in your practicals.

Skills/Aptitudes Developed/Required:

Two grade 6s in Science (if doing Triple Science at GCSE, one of these should be in Biology), a 6 in Maths and a 5 in English. You must be able to communicate effectively, analyse, evaluate and explain information. You will need to be confident with Maths, as at least 10% of the marks in assessments for biology will require the use of mathematical skills.

Additional Considerations:

An interest in science and living organisms is important, as is a willingness to work hard and enjoy learning in a variety of different ways.



Progression Post-18

Biology leads on to a wide range of courses and careers. Including medicine, dentistry, veterinary science, law, optometry, sports science, microbiology, environmental science, biotechnology, NHS life science careers, zoology, food science, animal behaviour and nursing. As well as degree options, the skills you learn during Biology A Level such as analysis, interpretation, investigation, research and problem solving are highly valued by a number of employers and training providers.

