

	<b>BIOLOGY</b>	
	<b>Qualification Level</b>	A-Level
	<b>Exam Board/ Syllabus</b>	AQA
<b>Contact(s)</b>	Mr DeBoo	

### Why Study This Course?

A-Level Biology is a challenging, rewarding course that helps students develop skills and knowledge necessary for a successful career in the sciences. The AQA course offers students freedom, creativity and opportunity for independent progression from GCSE Science or Biology. There are a total of eight units in the specification four at AS and four at A-Level. The topics are assessed by written exam. This specification allows all students to show what they can do, as well as being suitable for those looking for a challenge. A-Level Biology builds on the concepts and skills developed at GCSE and it is particularly suitable for students who have the skills and knowledge associated with triple Biology or the GCSE Additional Science course. The course will also develop the practical skills of students with an emphasis on equipping students with the practical skills that are highly valued by universities and employers. Students who study A-Level Biology may go on to a Biology-related degree course.

### Course Content/Assessment Pattern/ Structure

The specification for this subject will include:
<ul style="list-style-type: none"> <li>● Biological molecules</li> <li>● Cells</li> <li>● Organisms exchange substances with their environment</li> <li>● Genetic information, variation and relationships between organisms</li> <li>● Energy transfer in and between organisms</li> <li>● Organisms respond to changes in their internal and external environments</li> <li>● Genetics, populations, evolution and ecosystems</li> <li>● The control of gene expression</li> </ul>

### Exam Structure

A_Level:		Marks	Duration	Weighting
Paper 1	Any contents from topics listed AS Level above, including relevant practical skills	91	2 hrs	35%
Paper 2	Any contents from topics listed A-Level section listed above including practical skills	91	2 hrs	35%
Paper 3	Any content from topics in section AS/A-Level listed above, including relevant practical skills	78	2 hrs	30%

### Higher/Further Education & Career Links

The course provides a good broad base for students who wish to study any aspect of Biology at Further Education and can lead to careers in the following: Medicine, Research, Dentistry, Forensic Science, Pharmacy, Veterinary Science, Nursing, Physiotherapy, Occupational Therapy, Speech Therapy, Teaching, Optometry, Radiology, Agriculture, Environmental Health, Land Impact Consultancy, Conservation, Ecology, Zoology and Biotechnology.

<i>Business &amp; Innovation</i>	<i>English</i>	<i>Expressive Arts &amp; Languages</i>	<i>Humanities</i>	<i>Mathematics</i>	<i>PE</i>	<b>Science</b>
----------------------------------	----------------	--	-------------------	--------------------	-----------	----------------