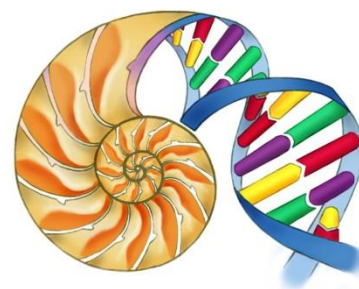


Biology



Exam Board	AQA
Qualification	GCE AS Level / GCE A Level
Entry Requirements	GCSE Biology at grade B or GCSE Dual Award Science at grade BA, GCSE Mathematics at grade B and English at GCSE grade B
Content (Outline of Course)	<p><u>AS and first year of A-level</u></p> <p>Topic 1 : Biological molecules. Topic 2 : Cells. Topic 3 : Organisms exchange substances with their environment. Topic 4 : Genetic information, variation and relationships between organisms.</p> <p><u>Second year of A-level</u></p> <p>Topic 5 : Energy transfers in and between organisms. Topic 6 : Organisms respond to changes in their internal and external environments. Topic 7 : Genetics, populations, evolution and ecosystems. Topic 8 : The control of gene expression.</p>
Assessment	<p><u>AS Biology exams</u></p> <p>Paper 1: Any content from topics 1-4 including relevant practical skills. Written exam: 1 hr 30 min (75 raw marks, 50% of AS), 65 marks of short answer questions and 10 marks comprehension questions.</p> <p>Paper 2: Any content from topics 1-4 including relevant practical skills. Written exam: 1 hr 30 min (75 raw marks, 50% of AS), 65 marks of short answer questions and 10 marks extended response questions.</p> <p><u>A-Level Biology exams</u></p> <p>Paper 1: Any content from topics 1-4 including relevant practical skills. Written exam: 2 hr (91 raw marks, 35% of A-level), 76 marks a mixture of short and long answer questions and 15 marks extended response questions.</p> <p>Paper 2: Any content from topics 5-8 including relevant practical skills. Written exam: 2 hr (91 raw marks, 35% of A-level), 76 marks a mixture of short and long answer questions and 15 marks comprehension questions.</p> <p>Paper 3: Any content from topics 1-8 including relevant practical skills. Written exam: 2 hr (78 raw marks, 30% of A-level), 38 marks from structured questions, including practical techniques. 15 marks critical analysis of given experimental data. 25 marks one essay from a choice of two titles.</p> <p>No coursework will contribute towards the final AS or A-level grade. Although students will complete at least 12 assessed practical's across the two-year A-level.</p>
Careers Guidance	It is recommended that you opt for Biology if you are interested in studying the following courses at University: Biology, Biochemistry, Biomedical Sciences, Dentistry, Environmental Science, Veterinary Science, Marine Biology and Medicine.