Biology

Exam Board AQA
Qualification A-level
Entry Requirements Grade 7 in Biology, Grade 7/7 in Combined Science, Grade 6 in Maths

Content
Unit 1: Biological molecules
Unit 2: Cells
Unit 3: Organisms Exchange Substances with their Environment
Unit 4: Genetic Information, Variation and Relationships Between Organisms
Unit 5: Energy transfer in and between organisms
Unit 6: Organisms Respond to Changes in Their Environments
Unit 7: Genetics, Populations, Evolution & Ecosystems
Unit 8: The Control of Gene Expression

Assessment
Paper 1: Examination paper (91 marks) 2 hours, 35% of A-level. 76 marks: a mixture of short and long answer questions. 15 marks: extended response questions assessing any content from units 1-4, including relevant practical skills.

Paper 2: Examination paper (91 marks) 2 hours, 35% of A-level. 76 marks: a mixture of short and long answer questions. 15 marks: comprehension question.

Paper 3: Examination paper (78 marks) 2 hours, 30% of A-level. 38 marks: structured questions, including practical techniques. 15 marks: critical analysis of given experimental data. 25 marks: one essay from a choice of two titles.

Practical Endorsement: Additional qualification awarded a pass or unclassified (70% of universities will request this additional qualification as part of their offer).

Consists of 12 required practical investigations over the 2-year course. Students will be required to collect a portfolio of evidence to demonstrate the competencies required for a pass.

Career Prospects
Biology will help you get ahead in most STEM careers. Careers include Medicine, Dentistry, Veterinary Science, Biochemistry, Forensics, Nursing, Midwifery, Environmental Science, Human Bioscience, Physiotherapy, Sports Science, Dietary Science, Genetics, Teaching, Marine Biology.