

Biology

Exam Board: OCR

Specification: A Level: H420

Entry Criteria: Either a Grade 6 in Combined Science or Biology All students must also have achieved a minimum of a GCSE Grade 5 in English Language or English Literature and GCSE Grade 5 in Mathematics. In addition a diagnostic test in the first two week and achieve at least Grade E.

What will I study:

Students begin by building a foundation of practical skills and core scientific knowledge. The specification is then divided into topics, each covering different key concepts of Biology. Teaching of practical skills is integrated and students are assessed through written papers only.

A Level Units

Module 1: Development of practical skills in Biology

Module 2: Foundations in Biology

Module 3: Exchange and Transport

Module 4: Biodiversity, Evolution and Disease

Module 5: Communication, Homeostasis and Energy

Module 6: Genetics, Evolution and Ecosystems

Assessments:

Paper 1: Biological processes = 100 marks (37% of overall total)

Paper 2: Biological diversity = 100 marks (37% of overall total)

Paper 3: Unified Biology = 70 marks (26% of overall total)

Practical Endorsement in Biology

Final Qualification: A Level

Progression Pathways:

Students can apply for medical fields, including Medicine, Dentistry, Physiotherapy, Veterinary Science, Biomedical Science and Sports Science. Students can also apply for a range of Biological Sciences including Biochemistry, Marine Biology and Zoology as well as Environmental Sciences.

Course Leader: Mrs G Mansbridge

Specification Link:

<http://www.ocr.org.uk/Images/171471-as-a-level-biology-overview.pdf>