

Biology

Subject content

The topics studied will build on prior learning at GCSE level and will cover a whole range of fundamental biological concepts applied to different situations to make the content interesting, relevant and current. The main topic areas studied are: biological molecules, cells, exchange of substances between organisms and their environment, genetic information, variation and relationships between organisms, energy transfers in and between organisms, how organisms respond to changes in their internal and external environments, genetics, populations, evolution and ecosystems, DNA Technology and the control of gene expression. [AQA Biology course specifications](https://www.aqa.org.uk/subjects/science/as-and-a-level/biology-7401-7402/specification-at-a-glance) [https://www.aqa.org.uk/subjects/science/as-and-a-level/biology-7401-7402/specification-at-a-glance]

Specific entry requirements

GCSE Grade 6 or above in Biology and another science or two Grade 6s or above in Combined Science. Plus GCSE Grade 5 or above in Mathematics.

Assessment

Assessment is by examination. The Practical Endorsement is teacher-assessed.

Progression opportunities

This A Level lays the groundwork for further study in a range of courses across the biology spectrum, including zoology, ecology, genetics, nursing, biomedical sciences and medicine and it is accepted as an appropriate A Level for many other degree level courses.

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