



Biology A Level (7402)

Entry Requirement: Grade 8 in either Biology or Science & Additional Science
Awarding Body: AQA

The course follows AQA Biology specification, which is divided into 8 modules. There will also be some **mandatory** field work in Year 12.

Costs: Since field work is a mandatory part of the course we would advise you to expect some additional costs for this. A two-day non-residential field trip will cost in the region of £120.00. Students are expected to subscribe to Biological Sciences Review (approximately £15.00 per year).

We also encourage students to attend revision tutorials, use the weekly Biology Clinic and make use of various enrichment options including Medical Society, Biology Society and the Royal Society of Biology Olympiad. Students may consider vocational courses such as “Medilink” and “Vetsix”.

The specific features of this course meet the needs and interests of typical A Level students at K.E.S., those interested in careers in Genetics, Medicine/Veterinary Science and the Environment.

Subject Content

Core Content

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| Module 1 | Biological molecules |
| Module 2 | Cells |
| Module 3 | Organisms exchange substances with their environment |
| Module 4 | Genetic information, variation and relationships between organisms |
| Module 5 | Energy transfers in and between organisms |
| Module 6 | Organisms respond to changes in their internal and external environments. |
| Module 7 | Genetics, populations, evolution and ecosystems |
| Module 8 | The control of gene expression |

