



## **Biology A Level (7402)**

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**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:** In previous years there has been a field trip of a week's duration but this is currently under review. Since field work is a mandatory part of the course we would advise you to expect some additional costs for this. As a guide, we ensure that any new arrangements for field work do not exceed the cost of the field trip at present, which is priced at £430.00. Students are expected to subscribe to Biological Sciences Review (approximately £12.00 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**

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

