

A Level Biology

Overview

Biology A and AS level courses at Beauchamp are extremely popular, and rightly so: biology is an exciting, relevant and challenging subject. The A level provides a firm footing for those wishing to go on to careers in medicine, sports and all other sciences in higher education; It also encourages and promotes thinking and skills transferrable to an career path.

We ask that all applicants have at least 5 GCSEs at grade C including English and Maths and including two Bs in GCSE Science and that they are prepared to work hard. Biology at A and AS Level follows the AQA examination syllabus available for download [here](#).

A great many resources are available through Beauchamp Online Learning, our virtual learning environment. These include various activities and revision exercises such as online quizzes which automatically mark and feedback to you upon completion. To go to Beauchamp Online Learning [click here](#).

A and AS Modules

For more in depth details and resources on each module please refer to Beauchamp Online Learning [here](#).

Year 12 (AS) Module Details

Unit1 BIOL 1: Biology and disease (Examined: January Year 12)

This unit requires an understanding of the physiology of various bodily systems coupled with biological principles. This knowledge is applied to better understand how the body may be affected by disease.

Unit 2 BIOL 2: The variety of living organisms (Examined: June Year 12)

Building on concepts developed in Unit 1, Unit 2 looks at the variation that exists between species and how this is influenced by both genetic and environmental factors.

Unit 3 Internal Assessment: Investigative and practical skills in AS Biology (June, Yr12)

The externally marked practical assignment (EMPA) aims to assess students' understanding of investigative and practical skills in the context of units 1 and 2.

Year 13 (A2) Module Details

Unit 4 Biol 4: Populations and environment (Examined: January Year 13)

The first unit of A2 Biology looks at organisms and their communities within ecosystems. Chemical cycling and energy transfer within these systems will be studied as well as

the affect human activities can have on the ecological balance. An appreciation of sustainability and the conflict between human needs and conservation underpins the whole module.

Unit 5 BIOL 5: Control in cells and in organisms (Examined: June Year 13)
Awaiting synopsis.

Unit 6 Internal Assessment: Investigative and practical skills in A2 Biology (June, Yr 13)

The externally marked practical assignment (EMPA) aims to assess students' understanding of investigative and practical skills in the context of units 4 and 5.