

biology

A Level Biology Awarding Body: AQA

Course content

Biology is the study of living things. You will explore the biochemical processes that have allowed life to flourish on this planet, how cells have evolved to build complex organisms and how all organisms on Earth are dependent on each other for survival. Your practical will be developed as you see first-hand the internal details of key structures and carry out modern experimental techniques with cutting edge technology.



Biology is divided into 8 Units and 4 are taught in each of F6. These units build on each other as the concepts become increasingly more complex from Year 12 to Year 13. Your Y12 studies will start with Cells and Biochemistry, the core units that underpin all of the course. The remaining units cover diverse areas such as Exchange and Transport of nutrients, Genetics, Evolution, Energy Transfer, Ecology and Biotechnology.

Assessment

3 Papers at the end of Year 13
Paper 1 - Units 1 - 4
Paper 2 - Units 5 - 8
Paper 3 - Units 1 - 8 including Data analysis and essay questions

Subject Linking

Lots of subjects link well with Biology and have cross over with their specification. In recent years, F6 students doing Biology have also studied Chemistry, Psychology, Maths, PE, Geography, Physics and Art.

Progression

Biologists can go onto many varied destinations with Medicine, Nursing and Dentistry being the obvious ones. However, there are other areas of employment such as science journalism, field ecology, wildlife photography or farming and horticulture. Current areas of growth are biotechnology and genetics we develop our abilities to tweak the building blocks of life.

Entry requirements:

Grade 6 in two Science (Core, Additional or Extension) GCSEs, whilst 6 in Maths and 5 in English are recommended. *Thinking of studying more than one A level Science subject or taking A level Science with A level Mathematics? We strongly recommend that students wishing to study more than one A level Science subject, or an A level Science and A level Mathematics subject, have grades 7/8 or above in their GCSE Science subjects and GCSE Mathematics.