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# Biology

A-level

## Introduction

Biology is the scientific exploration of the vast and diverse world of living organisms. This exploration has expanded enormously over the past four decades, revealing a wealth of knowledge about ourselves and the millions of other organisms with whom we share the planet. Today, biological research spans an almost infinite spectrum, from molecules to landscapes.

## Why Biology?

The study of Biology has an immediate relevance to our daily lives. It is important for everyone to develop a sense of how we fit into the complex ecology of our planet without wreaking horrendous destruction. Some of our greatest engineering feats of the future are likely to involve bio-engineering projects, particularly concerning the disposal of municipal and industrial waste, and the development of renewable resources. A-level Biology can lead to a university education in medicine, veterinary science, dentistry, physiotherapy, pharmacology, environmental science, forensic science, microbiology, genetics and a range of other science courses.

## Any special requirements?

If students have taken Separate Sciences at GCSE, they must have achieved grade 6 or above in Biology plus one other from Chemistry or Physics. If students have taken Combined Science at GCSE, it is desirable that students have achieved grade 7 or above. As the maths content of the new A-level course is quite substantial, students should also have at least a grade 6 in GCSE Mathematics.

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