

A Level



Biology

NELSON & COLNE
COLLEGE

SIXTH FORM

UNIQUE PRE-PROFESSIONAL
PROGRAMMES AVAILABLE IN
MEDICINE AND STEMX

A Level Entry Requirements

Two grade 5s and three 4s in five subject areas at GCSE, to include a minimum of a grade 4 in Mathematics and English Language.

Additional Subject Requirements

Biology plus another science subject, or triple or combined Science at grade 5 or above.

Course description

A Level Biology aims to enhance your understanding and appreciation of living organisms, how they function individually and how they interact with one another.

You will plan experiments, collect data, analyse results and make conclusions. You will study diseases, the organisation of cells, variation in organisms and the influence of genetic and environmental factors. You will also study populations and environments, looking at certain ecosystems, how human activity affects the ecological balance and how genetic variation can lead to the formation of new species.

In addition, you will learn about control in cells and organisms, stimuli and responses, homeostasis, genes and genetic expression. Practical investigation work is emphasised, which will extend your practical skills. This is essential if you plan to study Biology at university.

What facilities are available?

Students will benefit from modern high-tech science laboratories, housing industry standard equipment. We also have a mini-zoo with an interesting assortment of animals, which you can observe and help to take care of.

What next?

Former students have gone on to study at some of the UK's top universities, including the University of Cambridge, Imperial College London, King's College London and the University of Manchester, reading interesting degrees such as Medicine, Optometry, Marine and Freshwater Biology, Prosthetics and Orthotics, Veterinary Science and Biological Science, to name a few.



I've enjoyed Biology and my teachers have been very good at ensuring that I gain a thorough understanding of what I need to be learning to support my aspiration. ”

Carl-David Atherton

Now studying Biology at the University of York

