

Biology

Examination Board: Edexcel

Qualification: A level

Teacher Contact: Mrs Cornelius

Entry Requirements: At least a 6 in Trilogy Science GCSE or a 6 in GCSE Biology.

An exciting and innovative approach to Biology, Salters Nuffield Advanced Biology known as 'SNAB,' is taught through real-life biology. This course aims to provide students with an in-depth understanding about the world around them in a context based curriculum. Biological principles are introduced as required in each situation, building on ideas to consolidate and extend learning to provide a thorough understanding of the concepts that underpin biology today.

What will I study?

Year 12:

Unit 1: Lifestyle, Health and Risk

Unit 2: Genes and Health

Unit 3: Voice of the Genome

Unit 4: Biodiversity and Natural Resources

Year 13:

Unit 5: On the Wild Side

Unit 6: Immunity, Infection and Forensics

Unit 7: Run for your Life

Unit 3: Grey Matter

How will I be assessed?

The A level is assessed by three written examinations (2 hours each), each worth 33.33% in May/June of Year 13. Overall, a minimum of 10% of the marks across the three papers will be awarded for Mathematics at level 2 or above. Science Practical Endorsement is internally assessed and externally moderated through 18 practical activities over the two years. This is reported separately on students' certificates alongside their overall grade for the A Level qualification.

Am I suited to this course?

You would be well-suited to studying Biology at A level if:

- you have enjoyed Biology at GCSE and are interested in furthering your knowledge of living things
- you can think logically and scientifically in order to understand new concepts
- are well organised and self-motivated
- you are interested in learning how technology, including information technology is furthering this science
- you show an attention to detail in your work.

What other subjects does it complement?

Biology fits well in combination with a variety of other subjects such as Sciences, Geography and PE. For students wishing to apply for a degree in Biological Science, it is advisable to be also studying Chemistry.

Where can it lead?

Biology provides an excellent base to proceed into a range of related higher education courses. These include Nursing, Physiotherapy, Medicine, Sports Science, Veterinary Science, Biochemistry, Ecology and Psychology.