

Biology

Course Overview

Biology is the science of life. Biologists study the structure, function, growth, origin, evolution and distribution of living organisms. The study of Biology allows us to understand the living things in the world around us, and how they interact. This course also considers how modern research and development contribute to our understanding of living processes and ultimately help to improve our lives.

Entry Requirements

- 7 recommended in all science subjects taken at GCSE, with a 7 recommended in Maths
- Minimum 6 grades in core and additional science, 6 in Maths and English
- Minimum 6 grades in Biology in all science subjects

You must have maturity, self-discipline, good study skills and the motivation to succeed.

A-Level Year 1

Content:

Topic 1: Biological molecules

Topic 2: Cells

Topic 3: Organisms exchange substances with their environment

Topic 4: Genetic information, variation and relationships between organisms

Practical work will be integrated throughout topics 1-4 but this is not assessed

A-Level Year 2

Three examinations (2 hours each) ranging across topics 1 - 8. No coursework

Content is as topics 1-4 plus:

Topic 5: Energy transfers in and between organisms

Topic 6: Organisms respond to changes in their internal and external environments

Topic 7: Genetics, populations, evolution and ecosystems

Topic 8: The control of gene expression

Assessed practical work will be integrated throughout topics 1-8. This does not contribute towards your grade.



Dan Pull A A A

Dan has gone on to study Veterinary Medicine at Nottingham University

