Woodrush Sixth Form – Excellence Through Endeavour

Biology

Overview

This course requires students to develop practical and theoretical knowledge and understanding of:

As

- Practical skills in biology
- Exchange and transport in animals and plants
- Cell structure
- Biological Molecules, enzymes and DNA
- Health and Disease
- Evolution and classification
- Biodiversity and Sampling

A2 (all of AS content plus the following)

- Respiration and photosynthesis
- Plant and animal responses
- The Nervous and Endocrine Systems
- Genetics and DNA technology
- Excretion
- Populations and ecosystems
- Biotechnology

Requirements

Grade 66 in Combined Science

Grade 666 in Separate Sciences

Grade 6 in Maths and English

Preferably grade 7s

Exam Board

OCR
Oxford Cambridge and RSA

https://www.ocr.org.uk/Images/171736-specification-accredited-a-level-gce-biology-a-h420.pdf

Assessment

AS • Breadth in Biology (1hr 30 mins) • Depth in Biology (1hr 30 mins)
A2 • Biological Processes (2hrs 15 mins) • Biological Diversity (2hrs 15 mins) • Unified Biology (1hr 30 mins)
Practical endorsement – assessed over 12 practicals over 2 years. This does not contribute towards your grade but a pass is required by many Universities for science related courses.

Progression and Career Opportunities

Sports science, Forensic science, Horticulture and gardening, Medicine, Veterinary science, Zoologist and conservation, Marine biology, Nursing and midwifery, Research scientist, Pharmacologist, Biologist, Ecologist

Biology is a facilitating subject- which means it is highly regarded by the top Universities.

"I have really enjoyed studying biology at A level. It has opened my eyes to how the human body works, the environment around us and new and developing technologies. I have now gone on to study biology at university and look forward to a career in this area. "