



Midhurst Rother College

The best in everyone™

A member of United Learning Trust

Biology and Human Biology

Exam Board: AQA

Contact Teacher: Mrs D Hare

Why study Biology and Human Biology?

Biology and Human Biology attract students studying a wide range of other courses. Many of these students enjoy the subjects so much that they choose a biology related degree course, others go on to courses in law, computing or accounting. These courses are also a good choice of subject for people who want a career in health or the clinical professions such as dentistry, physiotherapy, zoology, marine biology or forensic science.

During both courses you will learn a lot about the human body, the diseases which affect us and factors which lead to good and bad health.

Course details

BIOLOGY

AS level

Unit 1: Biology and disease

Unit 2: The variety of living organisms

Unit 3: Internal Assessment: Investigative and practical skills in AS biology.

A2 level

Unit 4: Populations and environment.

Unit 5: Control in cells and in organisms

Unit 6: Internal Assessment: Investigative and practical skills in A2 biology.

HUMAN BIOLOGY

AS level

Unit 1: The Body and its Diseases

Unit 2: Humans: Origins and Adaptations

Unit 3: Investigative and Practical Skills

A2 level

Unit 4: Bodies and Cells In and Out of Control

Unit 5: The Air We Breathe, The Water We Drink, The Food We Eat

Unit 6: Investigative and Practical Skills

How is the course taught and assessed?

Each module is taught sequentially. The practical assessment for AS and A2 is carried out during the teaching of units. Practical sessions are chosen, whenever possible, to illustrate and investigate theoretical learning, and prepare students for the investigative and practical assessment.

Entry requirements

Students are expected to have achieved 6 GCSEs at grade C or above including English and Mathematics and one of which should be in GCSE Triple Science or Core Science and Additional Science with grade B or above.

What are the progression routes with this qualification?

Advanced level biology studies are clearly valuable for students intending to embark upon scientific or biologically related careers (e.g. medicine, dentistry, agriculture, forestry, veterinary, environmental / ecological). For those students not wishing to enter such a field, the value of a biological science AS or A Level is still great. Biology can help to develop objective logical thinking as well as a wide range of other practical skills, which means that biology mixes well with a wide variety of other AS or A level subjects and is suitable for careers as diverse as law, commerce and the arts.

What extra work can I do?

Wide reading is really essential and is encouraged.