QEHS SIXTH FORM

BIOLOGY

AQA A Level

ABOUT THE COURSE

Year 12 covers AS content including : development of practical skills, Biological molecules, Cells, Organisms exchange substances with their environment. Year 13 consists of all of studying Energy transfers in and between organisms, how organisms respond to changes in their internal and external environments, Genetics, populations, evolution and ecosystems and the control of gene expression. biodiversity, evolution and disease, communications, homeostasis, energy, genetics, evolution and ecosystems.

Through A Level it is hoped to stimulate an interest and understanding of biological facts and principles and foster an appreciation of the contribution of the subject to today's society. Over the two years, candidates are expected to further develop the fundamental scientific skills introduced through practical work at GCSE, thereby producing biologists who are also competent practical scientists. The mathematical content accounts for at least 10% of examined content and requires a careful, logical and methodical approach.

You must be willing to engage in at least the recommended private study, as well as read around the areas covered in class to broaden your knowledge and understanding. It is imperative that assignments are completed punctually. The ability to learn key terms and produce extended pieces of writing is essential.

ENTRY REQUIREMENTS

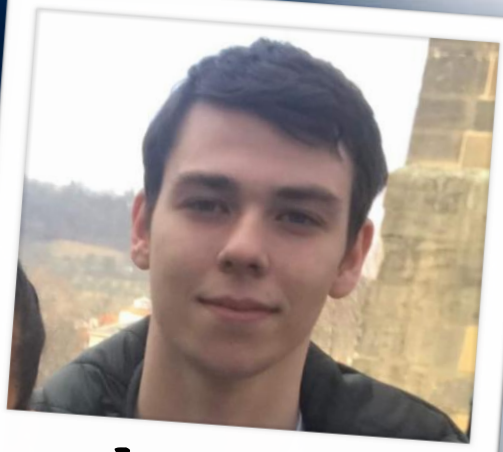
QEHS Sixth Form Admissions Criteria: A minimum of **36 points** across the best GCSE grades
Subject Entry Requirement: Grade 6 in Biology or 6,6 in Combined Science.

CAREERS

A Level Biology is highly regarded and opens the way to a wide range of career choices such as biological sciences, medicine, veterinary, dentistry, nursing, psychology and forensic science.

QEHS
SIXTH FORM

Alumni Spotlight



Jamie Scott

A former QEHS student's experience

Studying A Level Biology at QEHS Sixth Form opened my eyes to the fascinating complexities of the living world. The quality of teaching made even the most challenging concepts engaging and accessible, inspiring my curiosity and developing my passion for science, giving me an excellent foundation for degree-level study.

Studied at QEHS: 2010 - 2017

Subjects: Biology, Chemistry and Maths

Next steps: **University of Sheffield,** Biomedical Sciences MSc

PhD student of Biomedical Science at University of Sheffield