

# BIOLOGY

AWARDING BODY OCR



### Course Specification link:

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

## Brief outline of course

A Level Biology A (H420)

Biology is the study of life itself; what life on planet Earth has been, is now and could be under our ever-increasing influence.

Within modules you will study a wide range of biological concepts that build directly upon the biology topics studied in your GCSE Combined Science or GCSE Biology course. Each module is divided into topics, each covering different key concepts of biology. These include:

Exchange and transport  
Biodiversity, evolution and disease  
Communication, homeostasis and energy  
Genetics, evolution and ecosystems

Throughout the course you will develop a range of practical skills which are integrated within the topics and are assessed through written examinations. The internally assessed Practical Endorsement skills form part of the full A Level Biology course. You will complete a minimum of 12 assessed experiments covering technical skills together with the use of apparatus and practical techniques. You will also gain an awareness of the environmental, technological, ethical and economic aspects of biology.

## Are you interested in:

- The human body
- The secret life of plants
- Cutting edge developments
- Current research
- Environmental issues and building ethical arguments

## Leading to a career in:

- |  |                       |
|--|-----------------------|
| • Health and medical related occupations | • Biochemistry        |
| • Animal related occupations             | • Microbiology        |
| • Environmental work                     | • Agriculture         |
| • Forensics                              | • Genetic Engineering |
| • Conservation                           |                       |

## Subject Entry Criteria

GCSE Science Grades 6/6 or above and GCSE Maths Grade 6

## Teachers to contact:

### Teacher Name:

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