

# Subject: Biology

Level: A Level      Exam Board: OCR



The A level Biology course will follow the OCR Biology A pathway. The specification is divided into topics, each covering different key concepts of biology. Teaching of practical skills is integrated with the theoretical topics and they are assessed through the written papers. The Practical Endorsement will also support the development of practical skills.

## Course Outline

Biology A is split into six teaching modules combined with the Practical Endorsement:

- Module 1: Development of practical skills in biology
- Module 2: Foundations in biology
- Module 3: Exchange and transport
- Module 4: Biodiversity, evolution and disease
- Module 5: Communication, homeostasis and energy
- Module 6: Genetics, evolution and ecosystems

## What will I learn on this course?

This course will enable you to:

- use and analyse data;
- understand how human, animal and plant systems work;
- learn about factors in human health;
- gain valuable practical skills (especially analytical techniques);
- understand important environmental issues;
- discuss current biological issues such as genetic engineering in an authoritative way.

## Who would be a successful student of biology?

This course will appeal to students who:

- enjoy scientific disciplines, practical and field work;
- would like to know more about recent developments in genetics, health and the environment;
- are studying related courses, such as chemistry, physics and sports studies or PE;
- would like to take a science subject to balance humanities or arts disciplines;
- are interested in biology.

## Career Opportunities

You will find this course useful if you wish to follow a career in the following areas:

Biological sciences, research, pharmacy, medicine, veterinary medicine, health care professions and environmental sciences.