

Biology



A Level

Entry Requirements

Grade 4 in GCSE English language **or** GCSE English Literature **and**
Grade 5 in GCSE Mathematics **and**
Grade 6 in GCSE Biology **or** grade 6/6 in GCSE Combined Science

Course Overview

Do you have an interest in the natural world and all the living things in it? If you've answered yes then Biology could be a great A Level for you to study! Biology is the study of life: its organisms, its cells, its molecular basis, its history and the ecosystems that it inhabits. It examines animals, plants, bacteria and viruses, it investigates how genetic information is encoded and passed on, and it explores the application of this knowledge in medicine, agriculture and industry. As part of this two-year course, you will learn about a wide range of biological concepts and techniques, including:

- ◇ Cells
- ◇ Organisms exchange substances with their environment
- ◇ Genetic information, variation and relationships between organisms
- ◇ Energy transfers in and between organisms
- ◇ Organisms respond to changes in their internal and external environments
- ◇ Genetics, populations, evolution and ecosystems
- ◇ The control of gene expression

A Level Biology at ICC uses real life contexts to introduce biological principals. You will also have the chance to develop your investigative skills via our core practical's which can lead you to obtain an additional practical endorsement certificate.

Exam Information

Duration: 2 years

Exam Board: AQA

Contact: Ms A Heath

This is a linear course and students will sit 3 exams at the end of their 2 year A Level course in year 13. Mock examinations will be held in year 12.

Qualification Gained

A Level in Biology

Practical Endorsement Certification

Career Opportunities

Biology helps you to build up your research, problem-solving, organisation and analytical skills. It is an ideal course to study if you plan on studying other science-based subjects or want to progress on to higher level science courses at university and study courses such as: Biomedicine, Zoology, Marine Biology, Veterinary Science, Medicine, Dentistry, Haematology, Nursing, Physiotherapy, Sports Science, Forensic Science, Marine Biology, Environmental Science, Dietetics, Pharmacy, Biochemistry, Food Science, Optometry.

"I chose Biology because I am interested in Genetics and I find the subjects interesting to learn. I want to study Biomedical Science at university and doing Biology at A Level will prepare me well for this." Sixth Form student

Subject Links

Chemistry, Physics, Psychology, Health and Social Care, Sport, Dance, Sociology