Science

Biology

Advanced Higher

Course Length	1 year
Entry Requirements	Higher (Grade A or B)
Intended Audience	S6
Number of Units	3
Assignment/Added Value Unit	YES
Course Exam	YES

Course Description

This course is based on the integrative ideas and unifying principles of modern biological science. It covers key aspects of life science at the molecular scale and extends to aspects of the biology of whole organisms that are among the major driving forces of evolution. The course builds on the knowledge of cell processes learned at Higher level, including cell proteins, communication and division. There is a further study into natural selection, animal behaviour, parasitism and the immune response.

The course aims to develop a sound theoretical understanding and practical experience of experimental investigative work in biological science through the AH Biology project, which represents 25% of the overall marks for the course assessment. You will also learn about scientific method and the principles of experimental design.

Expectations for Homework

You will be expected to complete regular homework assignments to support and consolidate learning and to prepare for regular key area assessments. These assignments will develop skills in application of knowledge and understanding to new scenarios, as well as skills in numeracy and investigation design.

Skills Focus

Additional Course Information

It further develops your ability to think analytically, creatively and to make reasoned evaluations. You can develop your communication, collaborative working and leadership skills and can apply critical thinking in new and unfamiliar contexts to solve problems. You will also hone your skills in independent working while learning course content and through practical work.