



Applied Science Extended Certificate

Course Content

Are you interested in the practical aspect of science and how it is applied in the world around us? Are you interested in a course which includes aspects of Biology, Chemistry and Physics?

Applied Science will give you experience of the kind of practical work carried out beyond GCSE level as you undertake the role of a research scientist, following standard procedures to complete a scientific investigation.

You will develop knowledge and understanding of the structure and function of the digestive system, the components of a balanced and imbalanced diet and the effects on health.

You will learn about roles that require knowledge of the human body, such as a sports scientists and dieticians.

Assessment

Unit 1 – Externally assessed

Key concepts in science

1½ hour written exam 16.6% of Certificate

Unit 2 – Internally assessed

Applied experimental techniques, practical assignment. 16.6% of Certificate

Unit 3 - Externally assessed

Science in the modern world

1½ hour written exam with pre released materials. 16.6% of Certificate

Unit 4 - Externally assessed

The Human Body

1½ hour written exam 16.6% of Certificate

Unit 5 – Internally assessed

Investigating science 16.6% of Certificate

Practical assignment

Unit 6 – Internally assessed

Practical assignment in optional unit 16.6% of Certificate

Career Opportunities

This qualification is supported by a range of universities and, taken alongside other qualifications, it can fulfil the entry requirements for a number of science-related higher education courses, including: biomedical, forensic and sports science, nursing.

Entry Requirements

Grade 5 or above in Trilogy Science.

plus

Grade 4 in English and Maths