

Applied Science extended certificate (level 3 qualification)

Nothing in life is to be feared, it is only to be understood. Now is the time to understand more, so that we may fear less. — *Marie Curie*

Applied science is a fantastic course that allows you to study in more depth all three sciences related to real life scenarios. Applied science will develop knowledge and understanding of scientific principles as well as practical skills. You will also gain useful transferable skills such as problem solving, research and communication.

Course outline

Applied Science is a qualification covering all sciences - Chemistry, Biology and Physics - in a vocational context. The subject content is heavily linked to possible career paths, for example energy companies for Physics, Agricultural /medicinal science for Biology and laboratory analysis and research for Chemistry. This will give you an insight into what working in these fields could involve and prepares you for the future.

How you will be assessed

First year: You will study 3 units. 2 units will be externally assessed through exams, one covering content and the other one based on a scientific claim with questions.

The third unit is coursework based where you will complete three practical investigations and then write three reports on your findings. Each unit is equally weighted at 33.3%

Second year: You will study a further 3 units. 1 unit will be an exam on the Human Body and the other 2 units will be coursework based.

Applied Science is run as a 2-year course, taking grades from all 6 units across the 2 years. Each unit is weighted equally and so has a 50/50 split between exam and coursework.

Entry requirements

You will need 5 GCSEs at level 4 or above, including English, maths and Science

Where could the course take you

Applied Science could take you into a number of different fields in the science industry. You will learn how to follow standard procedures for practical investigations, run scientific reports and carry out health and safety checks. As well as this you will learn important time management skills in meeting deadlines and the importance of cost effective and efficient chemical analysis. We have previously had a student leave to work in a testing/research lab for Specsavers and currently have students wanting to go on to Nursing and RAF work.