

Applied Science

A - Level OCR

General Course Information

Do you want to study Biology, Chemistry and Physics whilst carrying out practical science investigations? Then the Applied Science certificate course offers all of this. This Level 3 qualification delivers a broad practical introduction to Science and supports your progression to further study or employment. Lessons are designed to develop your fundamental scientific knowledge and practical skills valued by universities and employers.

How is the course assessed?

We follow the Cambridge Advanced National in Applied Science: details can be found on the OCR website following this link: <https://ocr.org.uk/Images/697579-specification-cambridge-advanced-national-in-applied-science.pdf>

The qualification is the extended certificate and so is made up of 40% examined content and 60% non-examined assessment (NEA) content. This approach supports you to develop both theoretical knowledge and understanding and the skills needed to apply it in a range of contexts, helping you to develop a broad and relevant set of skills and experiences.

In the examined units, you will study key knowledge and understanding relevant to Applied Science.

In the non-examined assessment (NEA) units, you will demonstrate knowledge and skills you learn by completing applied and practical assignments. More information about the knowledge and skills you will develop is below. The qualification has three mandatory units and four optional units.

Who is it for?

What do I need to start Applied Science AS level course?

- Enthusiasm
- At least 5 GCSE's grade 4 or higher, including English Language and Mathematics at a Grade 5.
- Grade 5-5 or higher in Trilogy Science GCSE (Combined)
- Grade 5 or higher in all separate GCSE science courses

What you will study when you take this qualification:

These are all the units:

- F180: Fundamentals of science
- F181: Science in society
- F182: Investigating science

Two option units that teachers will pick from the following list:

- F183: Analytical techniques in chemistry
- F184: Environmental studies
- F185: Forensic biology
- F186: Medical physics

Progression

Applied Science Certificate and Extended Certificate are becoming well-respected qualifications for Universities and employers, because of the technical skills used and level of competency required to complete the course. This course will provide a broad and deep level of knowledge and skills development that is transferrable in almost all career choices and offering a significant edge over alternative A-levels.

Applied Science is usually required for University courses and careers in; Any technical Engineering discipline, Electronics, Telecommunications, Medical Sciences, optometry, ICT based subjects, Architecture, nursing, primary school teacher and any other subject with scientific or technical aptitude is required.

Applied science can be used to access courses such as Law, Mathematics, Computing, Environmental Science, Management, Business and even Art and Design.

