

BTEC AAQ in Applied Science (Level 3 Extended Certificate)



Introduction:

The Pearson Level 3 Applied Science (Extended Certificate) aims to give students a good general grounding in biology, chemistry and physics in order to support them to pursue further scientific studies or to access a scientific career.

The course studies the principles and applications of biology, chemistry and physics, as well as practical scientific procedures and techniques, so there is a significant emphasis on practical work.

The course aims to prepare students for the future world of work by incorporating personal transferable skills as well as digital and sustainability skills.

Course structure:

The Applied Science AAQ comprises four compulsory units:

- Unit 1 - Principles and Applications of Biology
- Unit 2 - Principles and Applications of Chemistry
- Unit 3 - Principles and Applications of Physics
- Unit 4 - Practical Scientific Procedures and Techniques

And one of two optional units:

- Unit 5 - Scientific Investigation Skills
- Unit 6 - Contemporary Issues in Science

The BTEC AAQ in Applied Science is equivalent in size to 1 A-Level (360 guided learning hours).

Entry requirements:

To be admitted onto this course you will need to meet the following requirements:

- Grade 5-5+ in GCSE Combined Science OR at least two 5+ grades from GCSE Biology, Chemistry or Physics.

Careers:

A good grade in BTEC AAQ Applied Science can help you access a wide range of careers, including:

- Microbiologist
- Environmental scientist
- Science/laboratory technician
- Industrial technician
- Nursing
- Midwifery
- Forensic science
- Food science
- Health science
- Sport and exercise sciences
- Secondary science education

Assessment:

Internal assessment (50%):

Completion of pre-set assignments for:

- Unit 4 - Practical Scientific Procedures and Techniques
 - Unit 5 - Science Investigation Skills
- OR**
- Unit 6 - Contemporary Issues in Science

External assessment (50%):

Written examinations in:

- Unit 1 - Principles and Applications of Biology
- Unit 2 - Principles and Applications of Chemistry
- Unit 3 - Principles and Applications of Physics