

## Applied Science

### What will I learn?

Engaging and inspiring, this work-related qualification will provide a practical, real-world approach to scientific learning and will give you the skills you need to either move on to higher education or go straight into employment.

Key features of the Level 3 AAQ BTEC National Extended Certificate in Applied Science are:

- Learners will acquire technical skills, knowledge and understanding enabling them to enter employment in the science sector.
- Learners are given the opportunity to develop a range of practical skills and techniques, personal skills and attributes essential for successful performance in working life.
- The course is 50% portfolio based and 50% examinations. The portfolio work is assessed continuously throughout the course, allowing the students to gauge their own performance on a continuing basis, just like in a real workplace. Students are more engaged and motivated as a result, as they can see and measure their own progress throughout the course.

### What can I do next?

The Level 3 AAQ BTEC National Extended Certificate in Applied Science can lead to a variety of scientific careers such as:

- Working as a quality control technician/analyst
- Laboratory carrying out analytical tests using modern instrumentation, ICT and data interpretation
- Working in a hospital as a medical technician
- Working in a research laboratory in the development of new drugs
- Working in the chemical industry, involved with testing materials
- Working with the forensic science service or using their analytical skills in the chemistry industry

#### Summary

**Level:** Level 3

**Duration:** 2 years

**Qualification:**  
AAQ BTEC National  
Extended Certificate in  
Applied Science (2 year)

**Entry Requirements:**  
A minimum of Maths and  
English grade 5

Plus:

Combined Science grade  
5:4

or

Triple Science grade 5  
in two of either Biology,  
Chemistry or Physics

## Further course content

The Level 3 AAQ BTEC National Extended Certificate in Applied Science is a 2 year course.

Over the two years students must complete 5 units:

- Unit 1: Principles and Applications of Biology (External)
- Unit 2: Principles and Applications of Chemistry (External)
- Unit 3: Principles and Applications of Physics (External)
- Unit 4: Practical Scientific Procedures and Techniques (Internal)
- Unit 6: Contemporary issues in Science (Internal)

On completion of the course you will be awarded a Pass, Merit, Distinction or Distinction\* based on your overall performance.

The Level 3 AAQ BTEC National Extended Certificate is broadly equivalent to 1 GCE A Level qualification.



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