

Applied Science National Extended Certificate

BTEC Level 3 (Equivalent to one A-Level)



Exam Board: **edexcel**

ENTRY REQUIREMENTS

4+

In a minimum of 5 GCSE subjects

5-5+

In Combined Science or Triple Science

5+

in GCSE Science, Maths and English

SUBJECT OVERVIEW

BTEC Applied Science is an excellent course for those who wish to pursue a career in a variety of scientific fields including Biomedical Science. The course covers Biology, Chemistry, Physics and some Mathematics, with an additional unit in the field of Biology.

This course is designed for students who wish to progress to university or alternatively seek an apprenticeship or go directly into employment.

The BTEC Applied Science course is equivalent to one A-level and is designed to be studied over two years.



TOPICS/UNITS/MODULES	Skills Learnt
Principles and Applications of Biology, Chemistry and Physics	<ul style="list-style-type: none">• Problem-Solving Skills• Mathematical and Computational Skills
Practical Scientific Procedures and Techniques	<ul style="list-style-type: none">• Data Collection and analysis• Scientific Method and Logical Reasoning
Science Investigation skills	<ul style="list-style-type: none">• Laboratory and Technical Skills• Scientific Writing and documentation

EXAMINATION/ASSESSMENT

**3
Units**

**2
Units**

Coursework units marked by teachers and then moderated by the exam board.

The exam units will be externally marked with two attempts allowed by the exam board.

Careers

- Laboratory Technician
- Toxicologist
- Scientific/Medical Sales Representative
- Food Technologist
- Biomedical Scientist
- Health and Safety Officer
- Quality Control Technician
- Pharmacy Technician
- Other medical related fields