

Course Outline

The Pearson Level 3 Alternative Academic Qualification BTEC National in Applied Science is designed for post -16 students with an interest in science and aiming to progress to higher level education as a route to graduate employment or access degree level apprenticeships.

It is equivalent to one A level in size and is suitable for students looking to develop their applied knowledge and skills.

Applied Science is often taken in combination with other vocational courses such as IT, sport, business, health & social care. Students have combined Applied Science with A level courses such as Sociology, Business or Psychology

What will I learn on this course?

This course will enable you to explore:

- the core principles and application of biology, chemistry and physics
- to set Science in a variety of contexts, illustrating connections with everyday life, people, places and cultures;
- make use of essential practical skills in all 3 sciences

Who would be a successful student of Applied Science

This course will appeal to students who:

- Are curious about science and enjoy asking questions about how and why things happen the way they do;
- Enjoy practical science
- Enjoy practical investigation of a question or are interested in current issues in science

Career Opportunities

- Applied Science courses carry UCAS points and are well respected by universities and can lead to a wide variety of exciting careers. The course will prepare students to progress into further education or apply for Apprenticeships with local firms such as GSK. Nobel students have progressed to:
 - Train as Science technicians
 - Science organisations or organisations that use science.
 - Working in the chemical industry or a scientific laboratory
 - Midwifery and nursing courses
 - Radiography courses

Course Structure

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

Units 1, 2, 3 and 4 are mandatory units

Units 1, 2 and 3 are examined

Unit 4 is internally assessed

Units 5 and 6 are optional and we will choose one

Entry Criteria- minimum GCSEs

English 4
Mathematics 4
Combined Science 4-4

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