

Sixth Form – Applied Science BTEC course Description

Course title: BTEC Level 3 National in Applied Science

- Extended Diploma (2Yrs) [3x A-Levels]
- Diploma (1Yr) [3x AS-Levels]
- Certificate (1Yr) [1x AS-Level]

Entry Requirements:

Minimum 4x Level 5 – (Maths, English, Core Science + one other or Double Award Science)

Topics Covered:

In Year 12	In Year 13
Practical Scientific Procedures and Techniques, Principles and Applications of Science I, Science Investigation Skills, Physiology of Human Body Systems, Human Regulation and Reproduction, Laboratory Techniques and their Application, Diseases and Infections	Astronomy and Space Science, Contemporary issues in Science, Principles and Applications of Science II, Investigative Project, Materials Science, Practical Chemical Analysis, Medical Physics Applications <i>(exact units delivered may vary between years)</i>

Exam Board: Edexcel

Details of Examinations:

In Year 12	In Year 13
4.5 Units Internally Assessed (coursework based)	4.5 Units Internally Assessed (coursework based)
2 Units Externally Assessed, 1 conventional examination (Unit 1) and one ISA style assessment (Unit 3).	2 Units Externally Assessed, 1 conventional examination (Unit 5) and 1 ISA type assessment (Unit 7).
Exam(s): External BTEC Public Exam	Exam(s): External BTEC Public Exam

Post-18 Progression and Pathways to universities:

There are a range of pathways which a BTEC L3 National Diploma can offer at university, some of which are:

- Pharmaceutical Science, Biomedical Science, Biochemistry, Midwifery

- Applied and Physical Sciences
- Engineering

Enrichment:

In this course, you will be offered the opportunity to develop independent learning skills essential to University success.

Lead Member of Staff:

Mr N Walters (BTEC Quality Nominee/Lead Internal Verifier)

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