

## Pearson BTEC Level 3 National Extended Certificate in Applied Science

**EXAMINING BOARD:** Pearson EDEXCEL

**Minimum Entry Requirements:** Grade 55 in Combined Science or 5 in any GCSE Separate Science

### KEY FEATURES OF THE COURSE:

- Opportunity to develop practical skills related to work based practices and industrial standard skills
- Opportunities to study a range of science related areas
- Graded Pass, Merit, Distinction, Distinction\*

### UNITS COVERED IN YEAR 12 (BTEC Level 3 National Certificate)

**UNIT 1 Principles and Applications of Science I** - Covers key concepts in Biology, Chemistry and Physics.

**UNIT 2 Practical Scientific Procedures and Techniques Industry** – Introduction to quantitative laboratory techniques, calibration, chromatography, calorimetry and laboratory safety which are relevant to the chemical & life science industries.

### UNITS COVERED IN YEAR 13 (BTEC Level 3 National Extended Certificate)

**UNIT 3 Science Investigation Skills** - Skills needed in planning a scientific investigation: recording, interpreting, draw scientific conclusions & evaluate evidence.

And **one** from the following units: -

**UNIT 8 Physiology of Human Body Systems** – Physiology of human body systems.

**UNIT 16 Astronomy and Space Science** - Principles and present day understanding of developments in astronomy.

### ASSESSMENT

Pearson BTEC Level 3 National Certificate in Applied Science has 2 units of which both are mandatory and 1 is external exam (50%) a written exam, internal assessment (50%) an assignment.

Pearson BTEC Level 3 National Extended Certificate in Applied Science has 4 units of which 2 are external assessments (58%) comprising a task and a written exam and 2 internal assessments (42%) both are assignments.

### PROGRESSION

Learners develop the transferable and higher order skills which are valued by higher education providers and employers. The qualification carries UCAS points and is recognised by higher education providers as contributing to meeting admission requirements for many courses if taken alongside other qualifications as part of a two-year programme of learning, including, but not exclusively, those which are science-related.