

Applied Science - BTEC Level 3

Qualifications

Exam Board : Pearson

BTEC Level 3 National Extended Certificate in Applied Science (equivalent to one A-Level)

BTEC Level 3 National Extended Certificate in Applied Science (360GLH) 601/7436/S

Entry Requirements

A minimum of 5 passes at grade 5 or grade C (including English and Maths). A minimum of 2 grade 5's in Science.

Skills Required

An interest in everything scientific, an ability to methodically carry out practical work safely and carefully and the ability to work to deadlines are essential for this course. Good research and presentation skills are necessary for the portfolio based assignments, along with proficient IT skills. You will need to be highly self-motivated, have resilience, and be able to work independently and also as part of a small group.

Course Outline

BTEC National qualifications provide a broad introduction that gives students transferable knowledge and skills. The qualification is best suited for students want to continue their education through applied learning. The qualifications prepare students for a range of higher education courses and job roles related to a particular sector, such as medical and forensic sciences. The course assessment involves 4 units, 3 of which are mandatory plus an additional optional unit. The assessment takes the form of a combination of internal assignment and external examinations.

Qualifications in the suite are graded using a scale of Pass, Merit, Distinction to Distinction*.

Student Testimony

Quotes from our end of year 12 survey

“There were plenty of resources available, which helped the revision a lot.”

“The quality of teaching was very good. I found the lessons interesting and got the individual attention I needed.”

Career Paths & Degree Courses

BTEC students benefit from opportunities for deep learning where they are able to make connections between units and select areas of interest for detailed study. BTEC National in Applied Science provide a vocational context in which learners can develop the knowledge and skills required for particular degree courses, such as medical and forensic sciences. Students are given the opportunity to explore, through the optional units, a particular area of science if they wish, to support progression to applied science courses in higher education, and to link with relevant occupational areas.

Year 12	Year 13
Unit 1 Principles and Applications of Science 1 1 hour 30 minutes written exam 50% of AS	Unit 3 Science Investigation Skills A task set and marked externally under supervised condition. An internal supervised assessment 3 hours for Part A and 1 hour 30 minutes for Part B Marked externally
Unit 2 Practical Scientific Procedures and Techniques Internally assessed through an assignment portfolio	Option Unit (1 off) Physiology of Human Body Systems Biological Molecules and Metabolic Pathways Applications of Organic chemistry Astronomy and Space Science Diseases and Infections Human Regulation and Reproduction Internally assessed through an assignment portfolio