

Applied Science (AAQ)

BTEC



What will I learn?

BTEC Science Level 3 offered by Edexcel is a two-year qualification equivalent to one A Level, emphasising a learner-centred approach with a flexible, unit-based structure. The course focuses on the practical, interpersonal, and thinking skills required for success in both employment and higher education. Students complete various units, assessments, and maintain a portfolio of assignments.

How will I learn?

The course utilises a learner-centred approach, incorporating a flexible, unit-based structure. Assessments include externally assessed exams and internally assessed coursework tasks, requiring students to maintain a portfolio showcasing their work, such as essays, presentations, practical write-ups, graphs, and research. Guided learning hours consist of both timetabled class time and independent study.

How will I be assessed?

Students will be assessed through 3 externally assessed exams for units 1, 2 and 3 which will test their knowledge and understanding of Biology, Chemistry and Physics. In addition to these 3 x 50 mark exams, students will also undertake 2 units of internally assessed coursework (units 4 and 5). The coursework will be based around practical scientific procedures and techniques as well as an investigative project.

FAQs.

Why choose BTEC Nationals Science (Level 3)?

BTEC Nationals offer a learner-centred approach with a flexible structure, focusing on practical, interpersonal, and thinking skills essential for employment and higher education success. The course is demanding, requiring completion of units, assessments, and portfolio maintenance.

What could I go on to do at the end of my course?

Completing the BTEC Science Level 3 can lead to various career paths, including research science, technician roles, management, teaching, higher-level research, forensics, food manufacturing, environment and conservation, animal health and breeding, engineering, and aerospace. BTEC qualifications are viewed favourably by organisations offering apprenticeships.

Entry requirements:

To enrol in the course, a minimum of 44 in GCSE combined Science or 2 grade 4s in triple science is required.

Exam Board

Edexcel

Subject Specific Entry Requirements

Minimum of 44 in GCSE combined Science or 2 grade 4s in Triple Science

Skills Gained

Problem solving
Critical thinking
Evaluation
Data analysis
Creating Research
Team work
Presentation skills
Revision skills

Careers

Research Science
Technician roles
Management
Teaching
Higher-level research
Forensics
Food manufacturing
Environment and conservation
Animal health and breeding
Engineering
Aerospace