

# BTEC Science

TYPE OF QUALIFICATION	BTEC Level 3 equivalent of 3 A levels
LEVEL OF ENTRY	5 A*-C passes at GCSE including English and Maths
METHOD OF ASSESSMENT	Portfolio assignments –internal assessment 55% Examination/set task– external assessment 45% Marks aggregated to gain the final award level
LENGTH OF COURSE & NUMBER OF LESSONS PER CYCLE EXPECTED STUDY EXPECTATIONS	This is a two year course. 15 Lessons per week 15 hours of directed self-study.

**COURSE STRUCTURE: 8 units over two years – 7 mandatory units (53%) and 6 optional units (46%) from a choice of business specialisms. Unit outcomes aggregated for final Award outcome. (42%) of the course is external assessment.**

Unit	Title	Category	Assessment
1	Principles and Applications of Science I	Mandatory	External
2	Practical Scientific Procedures and Techniques	Mandatory	Internal
3	Science Investigation Skills	Mandatory	External
4	Laboratory Techniques and their Application	Mandatory	Internal
5	Principles and Applications of Science II	Mandatory	External
6	Investigative Project	Mandatory	Internal
7	Contemporary Issues in Science	Mandatory	External
+	3 Science Specialisms (choice)	Optional	Internal

## WHICH SKILLS WILL YOU ACQUIRE?

- Ability to carry out practical experiments safely
- Ability to research scientific discovery and sequence events
- Ability to organise time effectively
- Conduct surveys accounting for bias
- Be trained in computer software used for experimental analysis
- Be trained in laboratory software used to track experimentation and equipment
- Skills in presentation and public speaking

### **WHICH CAREER PATHWAYS EXIST AFTER STUDYING THIS SUBJECT?**

Direct career path into Science – qualifications acknowledged by employers looking for employees in the roles of technician or lab assistant.

Progression into Higher Education in subjects such as; Forensic Science, Physical Science, Biomedical Science, environmental science, zoology, neuroscience and Biological Science

### **WHICH SUBJECTS COMPLEMENT THIS COURSE?**

**BTEC Applied Science works well alongside a wide breadth of subject areas including**

- As BTEC Science has 15 hours of study and is worth 3 A-Levels another course is not recommended