

BTEC Applied Science

Course description

The Level 3 National Extended Certificate in Applied Science is a general qualification for post-16 learners who want to continue their education through applied learning and who aim to progress to higher education and ultimately to employment, possibly in the applied science sector. The qualification is equivalent in size to one A Level and aims to give a coherent introduction to study of the applied science sector.

Learners who wish to take this qualification will have completed a Level 2 programme of learning with GCSEs or vocational qualifications.

Course content

Unit 1: Principles and Applications of Science

Unit 2: Practical Scientific Procedures and Techniques

Unit 3: Science Investigation Skills

Unit 8: Physiology of Human Biology Systems

Assessment

Unit 1: External assessment a mixture of short and long answer based questions consisting of 3 papers - Biology, Chemistry & Physics.

Unit 2: Internally assessed coursework element comprising of 4 assignments.

Unit 3: External assessment involving section A practical assessment completed in the lab under exam conditions and section B an exam paper based on the data collected previously for section A which is sat in the hall under exam conditions. Both parts are sat within a window set by the exam board.

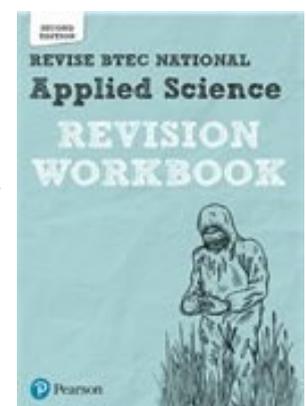
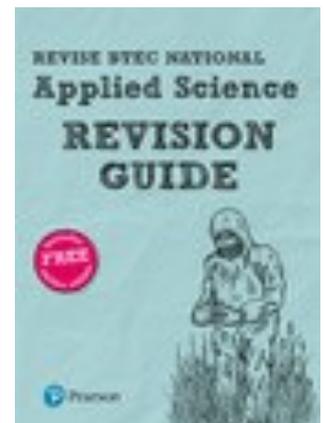
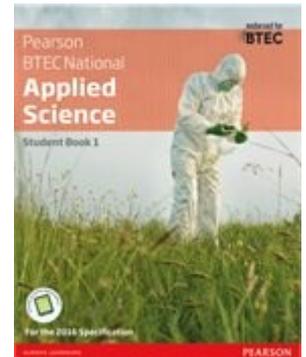
Unit 8: Internally assessed coursework element comprising 3 assignments.

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Recommended textbooks/revision guides

Year 12 & 13

- Pearson BTEC National Applied Science Student Book 1
- Revise BTEC National Applied Science Revision Guide
- Revise BTEC National Applied Science Revision Workbook



Whilst it is not essential for students to have their own copy of the textbook it would be advantageous for students to have a copy to complement their notes and promote wider reading.

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Future pathways

The subject of Biology leads to a wide variety of different professions. Whilst this is not an exhaustive list it does give you an idea of the wide variety of roles that can be accessed after studying Applied Science.

- Laboratory Technician/ Analyst
- Medical physics technician
- Research laboratory assistant
- Chemical Industry
- Scientific magazine or journal, editing and proofreading
- Biotechnology laboratory assistant
- Midwifery
- Nursing
- Teaching and similar careers