

# BTEC L3 Applied Science Certificate/ Diploma (Pearson's exam board)



## Subject Overview

The course contains elements of Biology, Chemistry and Physics. This will equip you with a broad knowledge of Science at Level 3, allowing you to progress further along a scientific pathway without having to study the separate sciences in isolation. The course has a mixture of assessment methods which involve standard exams, coursework components and assessed practicals, allowing them to achieve parts of their qualification at different times throughout the year.

## Subject Information - Certificate

Component /Unit/Exam paper	Weighting	Title	Details
Unit 1	29%	Principles and Applications of Science I	External exam
Unit 2	21%	Practical Scientific Procedures and Techniques	Internal Assessment Coursework
Unit 3	29%	Science Investigation Skills	External exam
Unit 8	21%	Physiology of the Human Body Systems	Internal Assessment Coursework

## Subject Information - Diploma

Component /Unit/Exam paper	Weighting	Title	Details
Unit 1	14.0%	Principles and Applications of Science I	External exam
Unit 2	11.6%	Practical Scientific Procedures and Techniques	Internal Assessment Coursework
Unit 3	14.0%	Science Investigation Skills	External exam
Unit 4	11.6%	Laboratory Techniques and their Application	Internal Assessment Coursework
Unit 5	14.0%	Principles and Applications of Science II	External exam
Unit 6	11.6%	Investigative Project	Internal Assessment Coursework
Unit 8	11.6%	Physiology of the Human Body Systems	Internal Assessment Coursework
Unit 17	11.6%	Microbiology and Microbiological Techniques	Internal Assessment Coursework

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### **What opportunities this course could lead to:**

*The Certificate is equivalent to one A-Level and can be studied alongside A' levels. The Diploma is equivalent to two A Levels. Students studying either of these courses would be able to progress on to a range of higher education courses at University, including both undergraduate and foundation level degrees in Biomedical Science, Nursing, Biology, Chemistry or Veterinary Nursing . Additionally, students may move on to take further professional qualifications in a specific career with the possibility to move directly to employment.*

### **Course requirements:**

*The entry requirements are:*

*A grade 4 or above in GCSE Chemistry, Biology, Physics or in Combined Science.*

*A grade 4 or above in GCSE Mathematics and English.*

*You will also need to show a high level of interest and enthusiasm in class and be capable of independent study.*

### **Useful websites:**

[https://qualifications.pearson.com/content/dam/pdf/BTEC-Nationals/Applied-Science/2016/specification-and-sample-assessments/9781446938195\\_BTECNat\\_AppSci\\_ExtDips\\_Spec.pdf](https://qualifications.pearson.com/content/dam/pdf/BTEC-Nationals/Applied-Science/2016/specification-and-sample-assessments/9781446938195_BTECNat_AppSci_ExtDips_Spec.pdf)

<https://qualifications.pearson.com/en/qualifications/btec-nationals/applied-science-2016.html>