

APPLIED SCIENCE (BTEC)

WHAT IS APPLIED SCIENCE?

Applied Science is a vocational science qualification which is equivalent to one A Level and allows learners to develop a range of scientific skills in a vocational setting.

WHY SHOULD I TAKE APPLIED SCIENCE?

Scientific developments help to shape our world and provide a huge range of employment opportunities. Forensics sheds light on how crimes are committed and how accidents can be investigated in a methodical and effective way. Material science provides an understanding of how materials behave and what uses they can be put to. Biomedical Science opens doors to careers in health care related industries, giving you the choice to follow your interests and realise your ambitions. Most importantly, science is an area that is continually changing, and a BTEC Applied Science course reflects these developments and allows you to keep pace with the exciting innovations that emerge from scientific study.



COURSE STRUCTURE & 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 Body Systems

HOW WILL I BE ASSESSED?

Exams:

Set and marked externally

What's involved?

Students draw on essential information to create written answers to practical questions in exam conditions.

Portfolio:

Set and marked internally

What's involved?

Students complete a series of tasks to complete a portfolio which will be graded as pass, merit or distinction.

ENTRANCE REQUIREMENTS

For entrance on to this course you will need to meet the college standard entry requirements of 5 GCSE passes (Grades 4 - 9) including Science (combined or triple), English Language and Maths. You must have a G Score of 4.5 or above. To work out your G Score please go to the college website and click on the 16 – 18 tab and then entry requirements. If you are not sure how to work this out please get in touch and we will be more than happy to help.

PROGRESSION ROUTES

The qualification is supported by the following higher education institutions:

- Aberystwyth University
- Birmingham City University
- University of Bolton
- Edge Hill University
- Staffordshire University
- University of South Wales
- Southampton University
- University of Sunderland
- Teesside University
- University of Wolverhampton
- York St John University.

The qualification can be taken as part of a diverse programme, leaving progression options fully open, or it can also give context to subjects which would benefit from some scientific background. Students studying Applied Science have gone on to University to study a wide range of courses. Taken alongside other qualifications Applied Science can fulfil the entry requirements for a number of science-related courses including forensic and sports science, environmental science, as well as nursing.

Students also develop strong practical and problem-solving skills highly valued by employers, consequently, many have successfully applied for apprenticeships and employment.

FURTHER INFORMATION

For further details please contact Paul Grainger, Faculty Manager on 01287 280800 or by email p.grainger@pursglove.ac.uk

Please note that the information in this leaflet is correct at the time of publication, but circumstances may arise which cause us to revise our provision.
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