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LEVEL 3  
CERTIFICATE IN  
**APPLIED SCIENCE**

180 GLH (1776)

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LEVEL 3  
EXTENDED  
CERTIFICATE IN  
**APPLIED SCIENCE**

360 GLH (1777)

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Specifications  
First registration September 2016 onwards

Version 4.3 July 2019

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Applied General  
qualifications from AQA



Level 3 Extended certificates  
are NOT A-levels but gains  
UCAS points in the same  
way.

It contains Examined units  
and coursework which can  
be re-sat.

## Who is this qualification for?

This qualification is aimed at 16 to 18 year old learners who are in full-time Level 3 education and who wish to progress to higher education and/or pursue a career in the applied science sector. There are no formal entry requirements for this qualification, but to optimise their chances of success, learners will typically have four GCSEs at grade 4 or above, including science, maths and English.

This qualification will provide learners with a broad understanding of vocationally-related sciences to support progress to higher education. It is suitable for studying alongside substantial academic science qualifications, such as A-level sciences or other Level 3 vocational qualifications. This qualification can also prepare learners to take up employment in the applied science sector, either directly after achieving the qualification or via higher education.

Studying this qualification will enable learners to develop their knowledge and understanding of scientific principles, as well as those scientific practical skills recognised by higher education institutions and employers to be most important. The qualification also offers learners an opportunity to develop transferable skills such as problem-solving, research and communication as part of their applied learning.

It is a course containing Chemistry, Physics but mainly Biology. It is an ideal foundation for careers in hospitals or laboratories.

Students who like all 3 science but are not sure if A-levels are for them choose this course.

## Who supports this qualification?

This qualification has been developed in collaboration with higher education and other stakeholders in the science education sector. Therefore, the knowledge and skills gained will provide the best possible opportunity for progress to higher education or employment.

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 has also been supported by:

- Women in Science, Engineering and Technology (WiSET) [wiset.org.uk](http://wiset.org.uk)
- University of York Science Education Group [uyseg.org](http://uyseg.org)
- The Association for Science Education [ase.org.uk](http://ase.org.uk)

	Unit title	Assessment type
<b>Mandatory</b>		
1	Key concepts in science	Written exam
2	Applied experimental techniques	Portfolio
3	Science in the modern world	Written exam with pre-release material
4	The human body	Written exam
5	Investigating science	Portfolio
<b>Optional</b>		
6a	Microbiology	Portfolio
6b	Medical physics	Portfolio
6c	Organic chemistry	Portfolio

This contains Chemistry, Physics and Biology

Write up of practical work

Topic research and synthesis including ethical issues

Biology

Self guided investigation

We have historically offered Microbiology and Medical Physics. We try to match this to the career aspirations of the cohort