



Level 3 Extended Certificate in Applied Science

What will the course involve?

Students who enjoy learning about science and wish to continue their broad science studies would benefit from studying this course as it combines the elements of Biology, Chemistry and Physics with real life and workplace applications. It covers key concepts, experimental techniques and science in the modern world. It is essential that you have good maths skills, and also excellent writing skills as there are three whole units of portfolio work to produce based on your research and experimental findings. In unit 6 you will develop your knowledge and understanding of key microbiological concepts and techniques used when working in biotechnological industries

This is a two year course from which you will build on and extend the work done in your GCSE course gaining a better understanding of the scientific concepts and experimental techniques used. You will make links between scientific concepts learned and their real life applications, which will equip you for university or the world of work.

How will I be assessed?

There are two written exams at the end of year 12, and one assessed portfolio unit. There is one written exam at the end of year 13, and two assessed portfolio units.

What skills will I develop?

As a successful Applied Science student, you will undertake work-related learning in each of the units. You will need to consider how the use and application of your learning affects you, other individuals, employers, society and the environment. The applied purpose will also enable you to learn in such a way that you develop:

- Skills required for independent learning and development
- A range of generic and transferable skills
- The ability to solve problems
- The skills of project-based research, development and presentation
- The ability to apply mathematical and ICT skills
- The ability to apply learning in vocational contexts.

Where can the study of Applied Science lead?

This qualification is supported by a range of universities, and taken alongside other qualifications it can fulfil the entry requirements for a number of science-related higher education courses, including biomedical, forensic and sports science, as well as nursing.

Where can I get more information?

For further information about studying Applied Science at Archbishop Blanch Sixth Form contact: Mrs. N Eyres, acting Head of Science on admin@blanch.org.uk