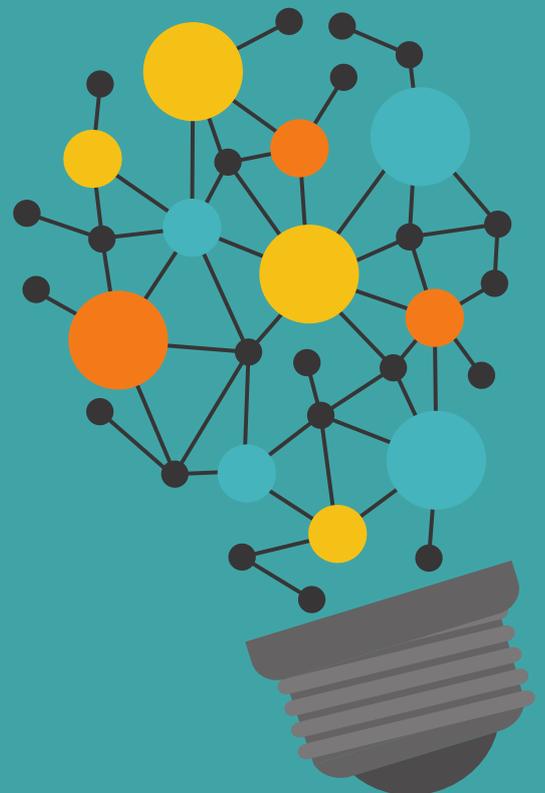
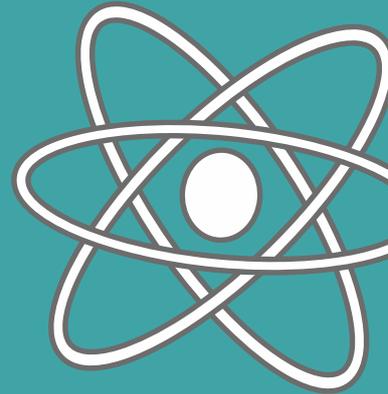


**BTEC**

# APPLIED SCIENCE



## What will I study?

Edexcel BTEC Level 3 Certificate in Applied Science (Year 12)

Edexcel BTEC Level 3 Extended Certificate in Applied Science (Year 13)

You should choose this course if you are interested in a full-time rigorous Science course with a level of demand equivalent to A Level, but mainly assessed by coursework. Units studied cover areas of laboratory science, investigative science and electronics. You should be highly motivated and well organised.

The Extended Certificate, equivalent to a GCE A Level and taking two years, is made up of four units. Three of these are mandatory:

1. Principles and Applications of Science (Y12)
2. Practical Scientific Procedures and Techniques (Y12)
3. Science Investigation Skills (Y13)
4. Unit 15 – Electrical circuits and their applications (Y13)

## Assessment

The Certificate is both a 'stand-alone' qualification and also the first half of the Extended Certificate. It is equivalent to an AS Level. This would involve studying the first two units, one of which is assessed through an external exam, the second is through centre-set assignments.

In the second-year students are assessed on their practical understanding of investigative science through a written exam, plus centre-set assignments for the unit on electronics. If you study the course over 2 years, only 25% is assessed through a traditional science exam. The remainder is through assessments and through your practical skills.

## Career Opportunities

BTEC Level 3 qualifications are well-respected and suitable for entry to further study and a wide range of scientific careers. They are also suitable for students who will be concentrating on arts, humanities or modern language subjects who wish to broaden their studies by continuing to take a science subject.

With a BTEC Level 3 qualification in Applied Science students could go on to Further Education or work in science-based industry. This might include working in quality control analysis, medical physics, a research laboratory developing new pharmaceuticals, forensic science, biotechnology or for a Scientific publication amongst many other possibilities.

## Recent Pathways

Students have recently gone on to apprenticeships within the lab-based sector and have also successfully applied to University to study Para medicine.

## Entry Requirements

Five Level 4 GCSEs are required for entry into 6<sup>th</sup> Form.

Level 5 pass is required in your chosen, or related, subject.

Some subjects require Level 6; decisions will be based on individual students.

## Specialist facilities

Dedicated Sixth Form labs

## Hours of Study (fortnightly)

9 hours of lesson time

6 hours independent learning

