

Applied Science

About the course

The Edexcel BTEC Level 3 Diploma in Applied Science is designed for students interested in furthering their knowledge in biology and chemistry and physics. The aim of the course is to enable learners to develop their fundamental core knowledge, scientific practical techniques and investigative skills. It is an ideal course for students wishing to study Science at Level 3 outside the traditional A Level route.

The Diploma includes a range of practical laboratory experience and academic study. To assist students in their study and understanding of science in the wider world the course includes talks from industry professionals and visits to places of industrial and scientific interest.

The course is delivered in a variety of ways including lecture-style tutoring, practical work, group and pair work as well as self-directed study when completing assignments. The assignments take considerable time to complete and it is estimated that students will need to spend a *minimum 5 hours a week* working outside lessons in order to keep up to date.

All students are expected to be at Level 2 in English and Maths and will have the opportunity to study a GCSE or Functional Skills course in order to achieve this.

Applicants *must* have GCSE or Level 2 Science and a good reference.

The units covered are:

Unit 1: Principles and Application of Science I

Unit 2: Practical Scientific Procedures and Techniques

Unit 3: Science Investigation Skills

Unit 14: Applications of Organic Chemistry



***The moment you
“apply” science, it
passes into the
realm of art***

***Joseph Mellor
Chemist***

How it will be assessed

Assessment will be by assignments, presentations, observation of practical work and practical lab written reports.

There will also be one external exam that will be taken at the end of the course and will cover Unit 1.

What it prepares you for

Upon completion of this course you will be able to apply to universities for a range of science based degrees, including biochemistry, chemistry, biology and forensic chemistry.

You will have gained the skills needed to become a junior forensic scientist in a laboratory.

