

Applied Science (Biomedical Science) BTEC Extended Diploma level 3

Course Overview

This is a two-year, full-time course that's the same level as studying three A levels. When you finish, you'll be able to apply to university or go straight into a job in the industry. On the course, you'll learn the latest skills that employers look for, like teamwork, research, extended writing and meeting deadlines. You'll also get the chance to develop your practical, social and problem-solving skills, helping you feel confident both at work and in further study.

What you will learn

Although topics may be subject to change, you will study a mix of four core units and two optional units in their first year. Units include topics such as: principles and applications of science (exam unit); practical scientific procedures and techniques; science investigation skills (exam unit); and an investigative project.

You will continue to study three core units and four option units in your second year. Units include topics such as laboratory techniques and their application; principles and applications of science 2 (exam unit); contemporary issues in science (exam unit); physiology of human body systems; human regulations and reproduction; genetics and genetic engineering; and medical and physics applications.

Entry Requirements

Standard entry to this course requires one positive reference, 90% attendance at your last place of work or study, and four GCSEs at 4 (grade C) or above, including double science and maths (English language is desirable).

Course Progression

Upon successful completion and achievement of this qualification, you can either choose a pathway which focuses on a particular occupational area of employment, such as biomedical science, analytical and forensic science, criminology, or physical science, or you can take a general route for further study in the sector at a higher education establishment.

What Happens Next

Apply online via the College website. You will need details of your qualifications and employment history, a reference, and a personal statement to complete your application. Once your application has been successfully processed, you will be sent a conditional offer and be invited to a Welcome Event at the College to meet your tutors, learn more about your chosen course of study and tour the facilities. You will then need to confirm your acceptance of the course offered to you

Course Details

Course Code	P00150
Start Date	07/09/2026
Study Hours	Full Time
Duration	2 years
Campus	Abbey Park Campus
Level	3

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