



APPLIED SCIENCE

BTEC Extended Diploma

Level 3

LEVEL UP!
GET INTO
CAREER MODE

THE BEST YOUNG SCIENTISTS!

Study Programme Overview

Our full-time study programmes are designed to maximise your career prospects and widen your options for further or higher study.

This Applied Science course will enable you to explore a wide range of scientific fields and work in a variety of laboratory and research environments.

You'll see science come to life when you carry out experiments in our well-equipped laboratory and visit centres of scientific excellence.

Work experience is also an integral part of our study programmes, enabling you to gain essential exposure to the world of work.

What You'll Learn

Your study programme will cover areas including:

- Biochemistry & Biochemical Techniques
- Biomedical Science
- Chemical Laboratory Techniques
- Diseases & Infections
- Genetics & Genetic Engineering
- Human Physiology
- Microbiological Techniques
- Scientific Techniques for Health Science

If required for your chosen HE course, you may wish to study English & maths to Level 3.

Elements of study

Your programme consists of the following elements:

- Study of your chosen vocational subject (50% of your programme)
- English or maths (continued until the achievement of GCSE grade 4 (C) or equivalent)
- Employability skills (e.g. punctuality, attendance, communication and team work)
- Work experience (giving you a taste of working life)
- Tutorial & personal development (e.g. healthy living, volunteering and citizenship skills)
- An industry placement of at least 315 hours

Entry Requirements

You will be expected to have five GCSEs at grade 4 (C) or above including English, Maths and Science or Applied Science.

How will I be Assessed?

You will be assessed by practical activities and investigations within the laboratory and you will also be asked to produce an assessment portfolio of your scientific investigations. There are four formal examinations within this qualification.

Supporting Your Learning and Wellbeing

We want you to enjoy every minute of College, both in the classroom and out of it, so we have a range of dedicated support and wellbeing services. These include FREE travel; FREE breakfast; dedicated Learning Development Mentors; impartial advice and guidance; dedicated one-to-one support for learners with additional needs; and support with the cost of College, plus much more.



Future Opportunities

After you have completed the course you could progress on to a Higher Education course at College or university, or explore the possibility of doing a Higher Apprenticeship (Level 4).

Check out opportunities at the University of Bolton by visiting www.bolton.ac.uk

Following further study you could work as a:

- Biochemist can earn up to £46,000 per year
- Chemical scientists can earn up to £38,000 per year with experience
- Zoologist, with experience can earn up to £31,000
- Ecologists have an average salary of £28,000 per year

Enrichment

We want to give you a positive experience at College and a rounded view of the industry you could one day be working in. So, during your time at College, you will have the opportunity to enjoy a range of activities including:

- Investigations into the field of Astronomy
- Trips to science museums
- Visits and tours of local university science facilities

Pre-Professionals Programme

As part of our Pre-Professionals Programme, you'll have your own personal Learning Development Mentor and Careers Coach. They'll help you to manage your studies, oversee your progress and aid in your personal development.

You'll also benefit from quality work experience and industry placements, ensuring that you're ready for the world of work.

You could also benefit from getting involved in volunteering opportunities, both locally and abroad, and youth social action projects, perfect for enhancing your CV.

Gifted and Talented Programme

If you're a potentially high-achieving learner, capable of exceeding your targets, we will stretch and challenge you by providing the opportunity for you to study additional qualifications, with support in place to complement your study programme experience.

Why Choose Us?

We're part of the University of Bolton Group, which means you'll benefit from all that the University has to offer, including world-class facilities and access to industry experts.

Throughout your time at College, we'll reward your achievements, with trips to The Anderton Outdoor Activity Centre, the University's outdoor pursuits centre, and so much more. You'll also have the opportunity to apply for the prestigious Duke of Edinburgh Award.

In our last Ofsted inspection, we were graded 'Good'.

Our £75 million campus offers:

- A newly refurbished fitness suite and sports hall
- Apple Mac suites
- Libraries
- A theatre and dance studios
- A café selling Costa coffee
- The Academy Hair & Beauty Salon
- Signature restaurant

We also have a wide range of events throughout the year, including showcases, enterprise activities and cultural celebrations.

Open Events

Discover what Bolton College has to offer by attending one of our Open Events:

- **Thursday 17th October 2019, 5.30pm-8pm**
- **Wednesday 20th November 2019, 5.30pm-8pm**
- **Tuesday 4th February 2020, 5.30pm-8pm**
- **Futures4Me Event - Monday 7th October 2019, 3.30pm-7pm**

How to Apply?

Submit an application online by visiting www.boltoncollege.ac.uk/yp-application



Disclaimer: Every care has been taken to ensure that the information contained within these course information sheets was accurate at the time of publishing. Bolton College is constantly evaluating its services to meet the needs of learners; therefore programmes/courses/Apprenticeships, resources and facilities may be subject to change without prior notice.

Part of the
University of Bolton Group



Teaching Intensive, Research Informec



www.boltoncollege.ac.uk/young-people