

Science



Subject Area	Preparing for Learning & Work – Foundation Learning, Science
Course Type	School Leavers
Study Level	Level 1
Delivery Mode	Full-time
Duration	1 Academic Year
Start Date	September 2026
Course Code	PA000037

View on bradfordcollege.ac.uk



Course Summary

The Award offers a basic introduction to the applied science sector. On this course you'll be learning about a wide selection of topics including the study of living organisms, making useful scientific Investigations, practical actions to protect the environment, healthy living and science in the world to name a few.

The BTEC Level 1 Introductory Award in Applied Science qualification will give you the opportunity to acquire and develop generic, transferable and sector-specific skills in order to complete tasks and demonstrate a level of achievement that enables you to progress to further learning.

Our experienced staff will deliver a variety of lectures, seminars, workshops and presentations alongside independent student research. You'll learn about scientific principles and how to put them into practice in the workplace. Visits and guest speakers are also used to help enrich your learning experience.

What You Will Learn

The course is based on a Programme of Study, which consists of:

The Vocational Qualification itself

A City & Guilds Employability and Personal Development Award

English and Maths

A Tutorial Programme

Work Experience

Learners will study three core Employability units and two sector specific units over the duration of the course. The Level 1 Introductory Award in Science is designed for learners wishing to gain an introduction to a chosen vocation area. The Award offers the opportunity for learners to study a sector unit and plan for their next steps by completing the mandatory unit:

Developing a Personal Progression Plan

Modules

City & Guild Employability Award: Career planning and making applications, Keeping Safe, Stress Management.

Level 1 Award in Applied Science

Two units must be achieved, of which one must be taken from Core Skills (Group A), Developing a Personal Progression Plan and one unit from the sector options (Group B).

Core Group A units – learners must complete one unit

A2 Developing a Personal Progression Plan

Sector Group B units – learners must complete one unit

ASc5 Testing the Quality of Products

ASc6 Carrying Out a Scientific Experiment

ASc7 Investigating Variations in Plants and Animals

ASc8 Measuring Waves Used in Technology

ASc9 Practical Actions to Protect the Environment

ASc10 Making a Chemical Product

ASc11 Testing the Properties of Products

ASc12 Investigating Crime Scene Evidence

ASc13 Exploring Biology

ASc14 Exploring Chemistry

ASc15 Exploring Physics

Entry Requirements

You should have keen interest in Science and achieved a minimum of 2 GCSEs at grade 2 or E or above. Entry level 3 qualifications with minimum Entry 3 in Maths and English are also accepted.

English and/or Maths will be included in your timetable if you have not achieved a GCSE at grade 4 or above in these subjects when you start your course.

Work Experience

30 hours of relevant experience of work are included in the course. Our students work in partnership with the National Citizens Service (NCS) programme which helps to develop key employment skills and behaviours needed for progression to work.

Progression

Successful completion of the BTEC Level 1 Applied Science can help you embark on a career in a Science related area. The subject can be the beginning of the journey to your

career in science, such as becoming an Environmental Scientist, Food Scientist, Forensic Scientist and Medicine.

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