Working together to transform lives

Enquiries
Email: hello@bradfordcollege.ac.uk
Telephone: 01274 088 088

Foundation T Level: Science



Subject Area	Science
Course Type	School Leavers
Study Level	Level 2
Delivery Mode	Full-time
Duration	1 Academic Year
Start Date	September 2027
Course Code	PA000044

View on **bradfordcollege.ac.uk**

Course Summary

Kick-start your journey into the world of science with our Foundation T Level: Science course!

Designed for students who want to develop their knowledge and skills in biology, chemistry, and physics, this course, hands-on experience. You'll carry out investigations, develop key laboratory techniques, and gain real-world insights through work-related learning. Successful completion of this course earns you the BTEC Level 1/Level 2 First Award in Principles of Applied Science and a certificate for Foundation T Level.

By the end of the course, you'll be prepared to take the next step onto the full T Level Science qualification, opening doors to exciting careers in the science industry.

Why choose a Foundation T Level?

- Build Scientific Knowledge – Develop a strong foundation in biology, chemistry, and physics, preparing you for more advanced study.
- Gain Practical Skills – Learn essential laboratory techniques, conduct experiments,

and explore real-world scientific investigations.
- Prepare for Your Future – Take your first steps toward careers in healthcare, forensics, research, or laboratory science with a qualification that sets you up for success.

This course is ideal for you if:

- You are curious about science and enjoy solving problems through experiments.
- You want to develop hands-on skills that are essential for scientific careers.
- You're eager to learn in both classroom and practical settings.

Apply now and start your path to a science career with us!

What You Will Learn

Skills you'll develop:

- Problem-Solving – Learn to think critically and apply scientific knowledge to real-world situations.
- Communication Skills – Develop clear and professional communication for working with colleagues, and industry experts.
- Maths Skills– Strengthen your Maths skills to handle calculations like medication dosages and lab measurements.
- Digital Literacy – Gain confidence in using digital tools, lab equipment, and medical records systems.
- Teamwork & Collaboration – Work effectively with others in labs and professional settings.
- Attention to Detail – Learn the importance of accuracy in experiments, lab testing, and data recording.
- Workplace Professionalism – Understand ethics, safety, and industry standards for working in scientific environments.
- Hands-On Experience – Apply your knowledge in practical settings through lab work and industry placements.

Modules

Core modules:

- Principles of Science (Biology, Chemistry and Physics)
- Chemistry and Our Earth
- Energy and Our Universe

- Biology and Our Environment
- Laboratory Testing Methods
- Health and Safety
- Understanding and Using Information and Data

Entry Requirements

Entry requirements are 2 Science Subjects at Grade 3 and Maths and English at Grade 4/3.

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

Get career-ready with practical lab experience!

Foundation T Level students will complete 60 hours of work experience where you'll dive into the world of work and gain the skills employers are looking for. You will:

- Get hands-on and work on real projects.
- Boost your confidence and learn how to plan tasks, meet deadlines, and make smart decisions.
- Collaborate with professionals and see how great ideas come to life when people work together.
- Understand how to maintain a safe and productive work environment.
- Be part of a workplace that values diversity and promotes equality.

With this industry placement, you'll have hands-on experience to showcase on your CV, demonstrating your industry skills to employers.

Progression

After completing this Foundation T Level, you'll be ready to pursue:

- Progression to our T Level in Science course.
- Apprenticeships in Laboratory Technician, Pharmacy and Healthcare.
- Further study in science-related fields.

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