

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 2025
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.

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 3D and Maths and English at Grade 3D.

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.

Disclaimer: Our prospectus, college documents and website are simply here to offer a guide. We accept no liability for

any inaccurate statements and are not responsible for any negative outcomes if you rely on an inaccurate statement.
We reserve the right to withdraw any programmes or service at any time.