

## Foundation T Level: Science



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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

### Course Summary

Gain hands-on knowledge and real-world experience with our Foundation T Level: Science course, designed for students eager to pursue careers in the science industry.

This course builds a strong foundation in core subjects like biology, chemistry, and physics, alongside practical investigative skills and laboratory science. With a focus on both classroom learning and work-related experiences, you'll gain the knowledge and confidence to progress onto the full T Level Science course.

Successful students will earn a BTEC Level 1/Level 2 First Award in Principles of Applied Science, setting you up for further education or a career in the field.

### What You Will Learn

#### Core Subjects:

- **GCSE Maths:** Learn key Maths skills for lab work, like calculating medication

dosages.

- **GCSE English:** Develop communication skills for working with patients, colleagues, and lab professionals.
- **Digital Skills:** Gain basic digital skills for using lab equipment and medical records.

### **Specialist Pathway Subjects:**

- Study the basics of biochemistry, microbiology, and pharmacology, and get introduced to diagnostic techniques like lab testing, imaging, and medical instruments.

### **Practical Work Experience:**

- Take part in industry placements to apply your knowledge in real lab settings under expert supervision.

### **Employability Skills:**

- Build teamwork, communication, problem-solving, and professional ethics skills needed to work effectively in a lab.

## **Modules**

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**You will learn knowledge and understanding of scientific theories, concepts and principles such as:**

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

**Laboratory analysis techniques include:**

- Laboratory Testing Methods
- Health and Safety
- Understanding and Using Information and Data

## **Entry Requirements**

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Entry requirements are 5 GCSEs at grade 3, including Maths and English.

## Work Experience

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60 hours of work experience in a scientific environment of student's choice.

## Progression

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The course serves as a valuable stepping stone for students aspiring to pursue further study in the full Science T Level, apprenticeships, or employment opportunities in the dynamic and rewarding field of laboratory science.

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