BISHOP BURTON College

T level in Science

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Subject	Level	Study Mode	Duration	Start Date
Forensic Science	Level 3	Full-Time	2 Years	September 2027

The Course

Course Aims

- The purpose of the T Level Technical Qualification in Science (Level 3) is to ensure students have the knowledge and skills needed to progress into highly skilled employment, an Apprenticeship or higher-level study, including university, within the specialist areas of Laboratory Science and Food Science. At the end of the Technical Qualification, students are expected to demonstrate threshold competence, which means that they have gained the core knowledge and skills related to science and are well placed to develop full occupational competence with additional development and support once in employment in the science sector.

What You Will Study

- Students learn about the following topics:
- Core Biology concepts:
- ? Cells and tissues
- ? Biological molecules (carbohydrates, lipids and proteins)
- ? Enzyme and protein structure
- ? DNA and RNA
- ? Cell cycle
- ? Exchange, transport mechanisms and ecosystems
- ? Cellular respiration
- ? Pathogens (causative agents)
- ? Immunology.
- Core Chemistry concepts:
- ? Materials and chemical properties
- ? Rates of reaction and energy changes
- ? Kinetic changes – rates of chemical reactions
- ? Acids/bases and chemical change
- ? Chemical analysis of substances
- ? Formulae and equations.
- Core Physics concepts:
- ? Particles and radiation
- ? Electricity
- ? Magnetism and electromagnetism
- ? Waves
- ? Gas laws
- ? Pressure/fluid/viscosity
- ? Units and quantities.
- The science sector (synoptic):
- ? Working in the science sector
- ? Good scientific practice.

Time Required on Campus

3 to 4 days

Work Experience

T Levels combine classroom theory, practical learning and a minimum 315 hours of industry placement with an employer. The work placement ensures students have real experience of the workplace.

Careers

Job roles could include: ? Laboratory Research Scientist ? Biomedical Scientist ? Medical Laboratory Assistant ? Food Safety Analyst.

Financial Information

Find the full details of the fees associated with this programme and the financial support available on our https://www.bishopburton.ac.uk/degree-level-courses/information/fees-and-finance.

How to Apply

To apply, scan the QR code at the top of this page!

BISHOP BURTON College

Get In Touch

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