



Ursuline
SIXTH FORM
WIMBLEDON

Belong and Succeed

T-LEVEL: Science

at Ursuline High School

LEVEL: T-Level

EXAMINATION BOARD: NCFE

September 2024

**URSULINE HIGH SCHOOL
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T Levels are a new, 2-year qualification for 16 to 19 year olds.

Designed and developed alongside employers, each T Level offers students the opportunities to apply their learning in class to real-world career-focused practicals. With industry at the heart of the teaching and learning for the T Level you will develop an advanced knowledge and skillset of Biology, Chemistry and Physics and learn about the fundamental practices in place in Science industry. T Levels also offer an invaluable 45-day placement in industry, allowing you first-hand experience of the world of work and giving you an incredible start on your future career or education.



WHAT WILL I STUDY IN THIS SUBJECT?

Year 12:

Core Component A

- **A1 Working within the health and science sector**
- **A2 The science sector**
- **A3 Health, safety, health and environmental practices in the workplace**
- **A4 Application of safety, health and environmental practices in the workplace**
- **A5 Managing information and data within the health and science sector**
- **A6 Data handling and processing**
- **A7 Ethics**
- **A8 Good scientific and clinical practices**
- **A9 Scientific methodology**
- **A10 Experimental equipment and techniques**

Core Component B

- **B1 Core science concepts**
- **B2 Further science concepts**

Employer Set Project

The employer set project runs alongside the Core Components in Y12. Its aim is to expose and inform you to a variety of industry-focused skills required for your transition into work or Higher Education. There are 7 core skills to be delivered through the employer set project:

- **Core Skill 1 Project management**
- **Core Skill 2 Researching**
- **Core Skill 3 Working with others**
- **Core Skill 4 Creativity and innovation**
- **Core Skill 5 Problem solving**
- **Core skill 6 Communication**
- **Core skill 7 Reflective evaluation**

Year 13:

Occupational Specialism (Laboratory Science) Component Content

The Occupational Specialism content covers the knowledge and skills needed to achieve the following Performance Outcomes over the course of the year:

- Performance outcome 1
Perform a range of appropriate scientific techniques
- Performance outcome 2
Plan, review, implement and suggest improvements to scientific tasks
- Performance outcome 3
Identify and resolve issues with scientific equipment

WHAT SKILLS AND INTERESTS DO I NEED FOR THIS SUBJECT?

- Maths
- Analytical
- English
- Communication and presentation
- Computer and IT based
- Critical thinking, creativity and collaborative

HOW WILL I BE ASSESSED

In Y12 there will be 3 externally set and assessed assessments in the Summer term for you to complete. 2 of these assessments are for the Core Component.

The employer set project assess all core skills through a series of tasks designed by a group of industry-based professionals and is delivered across a period of 10 days.

Core Component A

Written examination: 2 hours and 30 minutes

34% of the Core Assessments

100 marks + 12 marks for quality of written communication = 112 marks

Assessment overview

The assessment will be subdivided into different sections consisting of multiple choice questions, short-answer and long-answer responses.

Core Component B

Written examination: 2 hours and 30 minutes

36% of the Core Assessments

110 marks + 9 marks for quality of written communication = 119 marks

Assessment overview

The assessment will be subdivided into different sections consisting of multiple choice questions, short-answer and long-answer responses.

Employer Set Project

An employer set brief delivered by NCFE will be given to students where they undertake a variety of tasks and apply their knowledge to all core skills.

18 hours (controlled assessment), comprised of 6 tasks:

- Task 1 Research
- Task 2 Planning
- Task 3 Analyse data
- Task 4 Outcomes and conclusions
- Task 5 Group discussion
- Task 6 Reflexive evaluation

In Y13 you will be assessed against the Performance Outcomes listed above through a variety of 3 synoptic assessments over a period of 16 hours.

- Assignment 1
25% weighting
102 marks
- Assignment 2
50% weighting
204 marks
- Assignment 3
25% weighting
102 marks

WHAT OTHER SUBJECTS COMBINE WELL WITH THIS SUBJECT?

Mathematics

English

ICT

Business Studies

Health and Social Care

TO WHAT FURTHER OR HIGHER EDUCATION COURSES COULD THIS SUBJECT LEAD?

Biomedical Science, Biological Sciences, Pharmaceutical Science, Chemistry and Physics

WHAT CAREERS COULD THIS SUBJECT LEAD TO?

Pharmacy technician, Laboratory Technician, Research Laboratory Technician, Biomedical Scientist, Medical Technician

USEFUL WEBSITES

<https://www.tlevels.gov.uk/>

<https://www.gov.uk/government/publications/introduction-of-t-levels/introduction-of-t-levels>

[T Levels - Technical Education and Qualifications | NCFE](#)

ENTRY CRITERIA

Please refer to the Entry Criteria Insert to understand the Pathway requirements.

The entry criteria for this subject is:

- Grade 4 in English AND Maths
- Grade 5 in Combined Science or in separate science