

Laboratory Science Programme

What are T Level Qualifications?

The **T Level Science Laboratory Practitioner** course is a two-year course, equivalent to THREE A Levels. These qualifications are designed in collaboration of local employers and include 45 days 'on-the-job' industry placement. The courses are developed in collaboration with employers and businesses so that the content meets the needs of industry and prepares students for the world of work, further training or study. Students will spend 80% of time learning in the classroom and 20% on placement to develop the skills and knowledge.

Assessment

Each T Level course will be assessed differently depending on the key skills and behaviours you will need to develop for your chosen career path and will include a range of assessment methods such as

- Written examinations
- Assignments
- Practical skills tests
- Employer-set practical project
- Group work



How are T Levels graded?

On completion, you can achieve an overall grade of Pass, Merit, Distinction or Distinction*. Your T-Level certificate will also include:

- a separate grade for the core component, using A*-E
- a separate grade for the occupational specialism, shown as Pass, Merit or Distinction
- grades for Maths and English qualifications (if required)
- completion of industry placement

Students who do not pass all elements of their T-Level will get a T-Level statement of achievement which will show the elements they have completed.

Entry requirements

You will need five grade 4s or above at GCSE (or equivalent) with a minimum grade of 5 in English, Maths and Science. You should have a keen interest in the Science course.

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What will I learn on this course?

The course starts with the essential knowledge and skills to work in science or healthcare including how the industry works, core scientific concepts and key regulations including managing information, health and safety and good scientific/clinical practice. You will cover fundamental principles of Science across physics, biology and chemistry.

Sample units

- Working in the Science Sector
- Health, safety and environmental practices in the workplace.
- Managing information and data within the science workplace.
- Ethics
- Good scientific and clinical practice
- Scientific methodology
- Experimental equipment and techniques

What can I do with a T Level qualification?

T-Level qualifications will support students onto a range of progression routes including employment, higher and degree level apprenticeships, higher education or higher level technical qualification.

Approach to Teaching and Learning

This T level qualification is split into 2 component parts:

Core component: the knowledge and underpinning concepts, theories and principles as well as core skills for Science sector.

Assessed by: two written exams and an employer-set project

Occupational specialism: Assisting with Science. The occupational specialism provides students with the knowledge and skills required to enter employment or further study in the Science occupational area.

Assessed by: assignments

