

T Level Healthcare Science

Subject Area	Science
Course Type	School Leavers
Study Level	Level 3
Delivery Mode	Full-time
Location	David Hockney Building
Duration	2 Academic Year
Start Date	September 2024
Course Code	PA000045

Course Summary

The Level 3 T Level Qualification in Healthcare Science will provide students with the knowledge, skills and behaviours needed to progress into skilled employment related to a Healthcare Science environment, an apprenticeship or related technical study through further or higher education.

Including modules in core science concepts, understanding the healthcare sector and clinical practice, this T Level also provides the opportunity to complete 350 hours of relevant work experience which can give you a careers edge and fast track you into the area of work that you are interested in. You will develop a rounded knowledge and relevant set of skills that are favoured amongst employers in this sector.

What You Will Learn

- Working within the health and science sector
- Health, safety and environmental regulations
- Managing information and data
- Principles of good scientific and clinical practice

- Core science concepts including the structure of cells, tissues and large molecules, genetics, microbiology and immunology

They will also learn about topics specific to health, including:

- Understanding the healthcare sector
- Providing person-centred care
- Supporting health and wellbeing
- Further knowledge of both human anatomy and physiology and of diseases and disorders
- Infection prevention and control

Modules

The technical qualification is split into 2 component parts:

Core Component:

Section A: The Health and Science sector

- Working within the health and science sector
- The healthcare science sector
- Health, safety and environmental regulations in the health and science sector
- Health and safety regulations in healthcare science
- Providing person-centred care when working in healthcare science
- Infection prevention and control in healthcare science settings
- Managing information and data within the health and science sector
- Managing information and data
- Good scientific and clinical practice
- Good scientific practice

Section B: Science Concepts

- Core science concepts
- Further science concepts

Core Skills:

- Research skills
- Communication skills
- Team working skills
- Problem solving skills

- Reporting and presentation skills
- Reflective evaluation

Occupational Specialism:

Assisting with Healthcare Science:

- Contribute to patient care by supporting physiological, physical and clinical engineering services to produce reliable data and images for use by healthcare professionals in diagnosis and treatment
- Contribute to patient care by supporting the collection of a range of specimens for analysis to aid diagnosis and treatment
- Contribute to patient care by processing and analysing service user specimens in a range of life science areas and laboratory environments to produce reliable data sets for use by healthcare professionals in diagnosis and treatment

Entry Requirements

Entry to this course requires 5 GCSEs, which must include Maths and English and at least 2 Science subjects which can include Double Science (55) or Triple Science (555).

Work Experience

Our Healthcare Science T Level includes an industry placement with an employer focused on developing the practical and technical skills required for the occupation. This is a 9 week industry placement in the Health sector.

Progression

Successful completion of this course includes progression into employment, further study, advanced apprenticeship and University.

Careers include:

- Healthcare Science Assistant
- Radiography Assistant
- Sterile Services Technician
- Nursing
- Midwifery
- Podiatrist

- Occupational Therapists

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