

T Level in Healthcare Science

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Subject Area	Science
Course Type	School Leavers
Study Level	Level 3
Delivery Mode	Full-time
Duration	2 Academic Years
Start Date	September 2025
Course Code	PA000045

Course Summary

This course will provide you with the knowledge, skills and behaviours needed to progress into skilled employment in a healthcare science environment, an apprenticeship or related technical study through further or higher education.

You will learn about a range of topics including health, safety and environmental regulations within the industry, good scientific and clinical practice and providing person-centred care. 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

You 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

You'll develop your research, communication, team-working, problem solving, reporting and presentation skills at the same time.

Modules

This course is split into 2 component parts:

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

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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