

## 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 Years
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

**Disclaimer:** Our prospectus, college documents and website are simply here to offer a guide. We accept no liability for any inaccurate statements and are not responsible for any negative outcomes if you rely on an inaccurate statement. We reserve the right to withdraw any programmes or service at any time.