



# Welcome to T Level Healthcare Science

## What you can read or watch before starting the course to get you excited for the course and the topics you will learn about:

The core textbook: "Healthcare Science T Level: Core" by Stephen Hoare, Mary Riley, Gemma Roberts, and Stephanie France

The first wave- [The First Wave - Trailer | National Geographic](#)

**Institute of Biomedical Science (IBMS)**- The IBMS offers a range of resources, including articles, webinars, and professional guidance, which can provide deeper insights into biomedical science practices.

Allied Health Professionals- [Allied Health Professionals - A Universe of Opportunities for your AHP career](#)

Royal society of Chemistry- [Support for students | RSC Education](#)

## What will I learn on the course?

### Core A Elements:

Topic	Title	Intent
1	Working within the health and science sector	You will gain an understanding of the day-to day process of health and science environment
2	The healthcare science sector	You will have an insight into where the healthcare science sector began, how it is funded and what job roles there are.
3	Health, safety and environmental regulations in the health and science sector	You will become equipped to work safely and be legally compliant within the health and science sector.
4	Health and safety regulations in healthcare science	You will look at legislation and regulation applicable to the health

		sector
5	Providing person-centred care when working in healthcare science	This topic will enable you to understand human development, as well as the values of the healthcare sector
6	Infection prevention and control in healthcare science settings	As part of this topic, you will learn techniques required for effective infection control and the importance of clinical and personal hygiene
7	Managing information and data within the health and science sector	Here you will learn about record keeping of patient's information and how this can be shared safely
8	Managing information and data	Here you will learn about the range of methods of recording and reporting service user information and data and the roles and responsibilities of the provider
9	Good scientific and clinical practice	You will learn about standard operating procedures, and the consequences of not following these
10	Good scientific practice	In this topic, you will learn about the importance and the 5 domains of good laboratory practice (GLP)

#### Core B Elements:

Topic	Title	Intent
1	Science Concepts	You will learn more about the human body and how it functions, as well as aspects of <b>biology</b> , <b>chemistry</b> and <b>physics</b> , which are essential for a healthcare worker.

#### Contact information

If you have questions regarding this or any other Health and Social Care course at Burnley College, please contact [hss@burnley.ac.uk](mailto:hss@burnley.ac.uk)

We look forward to seeing you in September!

