



Level 4 Healthcare Science

This new, first of its kind in Wales, Apprenticeship has been designed to increase the skills of those working within the NHS.

Offering transferable knowledge and skills in over 50 disciplines, the accredited scheme will not only upskill individuals but will provide a sustainable solution that will benefit both health boards and the wider community. The Apprenticeship Programme is a hybrid process enabling NHS staff to learn while they work, with much of the course being delivered online.

The Level 4 qualification will support learners into assistant audiology, blood science and clinical engineering roles to name but a few, with learners being able to enrol from NHS organisations right across Wales. The Level 4 Healthcare Science Apprenticeship will last a minimum of 15 months and will provide an overarching insight into specific NHS roles, allowing learners to both develop and specialise in their roles.

Benefits for the learner

- Gain a career in assistant audiology, blood science and clinical engineering roles plus more
- Take charge of your personal and professional development
- Hybrid process to learn while you work with most of the course taught online
- Study local through your local health board and remain in the area where you live
- Access to a wealth of resources through Moodle - our online learning platform
- Bespoke one to one support

Benefits for the employer

- Quality training with an Estyn grading of excellent/good
- Range of optional practical units to tailor the qualification to your business needs
- Promote a culture of organisational learning and development
- A strong focus on workplace performance



Essential Skills

Welsh Government is committed to raising the levels of Essential Skills across Wales. Communication, Digital Literacy and Application of Number qualifications are an integral element to the funded apprenticeship frameworks.

These are usually delivered through workshops at one of our centres and will be planned well in advance. If you have completed Essential Skills previously or are able to provide suitable evidence, such as GCSE certificates or similar, you may be exempt from completing this element of the qualification.

Essential Skills	
Learners will need to complete:	
Application of Number	Level 2
Communication	Level 2
Digital Literacy	Level 2

Qualification Overview

To achieve the Level 4 Healthcare Science qualification, learners must achieve a minimum of 100 credits in total. Completing the 37 Mandatory unit as well as 63 credits from option units:

- Pathways include Clinical Engineering, ECG, Audiology, Pathology, (histopathology, cellular, virology, microbiology, haematology, biochemistry)
- Monthly tutor visits are required and extra visits or support can be provided if needed
- Tutor sessions may last up to two hours, core end point assessment tasks are supervised, and time must be allowed for them to be fully completed
- The qualification will take 18 months to complete

Mandatory Unit

Unit Title
Skills for Lifelong Learning
Professional Practice and Person-centred Care
Legal and Ethical Context of Practice
Health, Safety and Security in the Healthcare Science Environment
Technical Scientific Services
Audit, Research, Development and Innovation
Leadership and Teamwork
Teaching, Learning and Assessing Practical Skills
Continuing Personal and Professional Development
Effective communication in Healthcare

Optional Units

Unit Title

Progression

On completion individuals will be professionally recognised, and registered as Healthcare Science Associates at Level 4.