

Why study Medical Science?

This course deals with the maintenance of health and the prevention and treatment of diseases. As well as learning the fundamentals of Biology, Biological Systems and Human Health and Disease, the qualification covers health, physiology, pharmacology, physiological measurement, clinical testing and medical research.

Who is the course for?

The Medical Science WJEC Level 3 Diploma is designed to support learner progression into higher education or employment; for learners who have a keen interest in science but who also want to develop their interpersonal and practical skills; perfect for learners who would like to pursue a career in the health related or science related Sector.

What will this involve?

The main purpose of the qualification is to provide learners with the knowledge, understanding and skills in key scientific principles to support progress to higher education or employment in areas of Medical science, such as job roles in physiological sciences or clinical laboratory services.

The qualification covers the key topic areas of health, physiology and disease, as well as providing the opportunity to study the areas of pharmacology, physiological measurement, clinical testing and medical research. In order to achieve the Level 3 Diploma in Medical Science learners are required to complete 6 units:

- Human health and disease
- Physiological measurement techniques
- Medical Science research methods
- Medicines and treatment of disease
- Clinical laboratory techniques
- Medical case study

Each unit has a clear medical science purpose which focuses the learning of scientific knowledge, understanding and skills into a meaningful context.

The course is a mixture of internally and externally assessed tasks accounting for over 60% of the course, and two examinations accounting for the remainder of the course. It is worth noting that in order to gain A*- C grades there is a minimum mark that must be achieved in these examinations.

Entry Requirements:

A minimum of a C or equivalent in a Science course.

A minimum of a C in Maths and English.

Where do I go from here?

This qualification aims to equip learners with scientific knowledge and understanding, as well as practical skills that would support progression to a range of job roles within health care or life sciences. Alternatively there would also be opportunities to progress to job roles within the physiological sciences, working directly with patients, measuring and evaluating particular organs and systems, such as scientists working in neurophysiology recording the electrical activity in the brain.