

# Why Choose the Medical Science WJEC Level 3 Diploma?

**Medical Science** is the science of dealing with the maintenance of health and the prevention and treatment of diseases. This course will appeal to you if you are interested in careers related to healthcare and medical research. Medical scientists are at the forefront of healthcare services, as they are vital in the diagnosis of disease, improving treatments and searching for new cures.



The course 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.



Choose Medical Science as an option and you will have the opportunity to visit scientific workplaces and to meet with guest speakers from industry. You will also be able to develop your practical and analytical skills which will enable you to increase your understanding of the role and responsibilities of the medical scientist.



**At Alun School,**  
our experienced teaching team provide expert guidance and tuition in 5 weekly lessons.

# Medical Science WJEC Level 3 Applied Diploma

## Assessment Information

Equivalent to 1 A level

WJEC Level 3 Applied Diploma - Medical Science

**Completion of 6 units over 2 years** - Unit 1: Human Health and Disease.  
Unit 2: Physiological Measurement Techniques.  
Unit 3: Medical Science Research Techniques.  
Unit 4: Medicine and Treatment of Disease.  
Unit 5: Clinical Laboratory Techniques.  
Unit 6: Medical Case Study.

**Assessment** - combination of internal and external assessment through set tasks, written examinations and controlled assessment.

An A Level can be awarded on completion of Units 1-3 (equivalent to an AS Level - grades A - E).

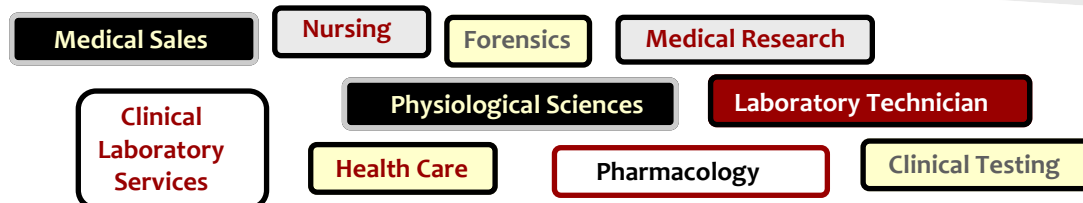
## Entry Requirements

You should have achieved at least CC in double award Science along with C grades in one of GCSE English Language/Literature and GCSE Maths/Numeracy.

## Progression Routes

The transferable skills and knowledge you will gain through the study of Medical Science at Alun School will be invaluable for progression into careers in that sector.

Medical Science will give you an excellent grounding for multiple career opportunities including:



This qualification will equip you with scientific knowledge and understanding, as well as practical skills that would support progression to a range of job roles within Health Care. This could include microscopic examination of tissue samples or analysis of blood cells to investigate anaemia or analysis of samples to identify the cause of an infection. 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.

Medical Science may combine well with courses in Psychology or areas such as Health and Social Care or Physical Education.