

# MEDICAL SCIENCE

## WJEC LEVEL 3 DIPLOMA

Medical advances have completely changed society and the way we live our lives. Dedicated research can lead to developing new pain relief through to pioneering double hand transplants. This is a fascinating and dynamic area of study. The course is ideal for those who see themselves in a career related to healthcare, medical research, or even management of health organisations.

## The Course Involves:

### Subject Content

- **Unit 1** - Human Health and Disease
- **Unit 2** - Physiological Measurement Techniques
- **Unit 3** - Medical Science Research Methods
- **Unit 4** - Medicines and Treatment of Disease
- **Unit 5** - Clinical Laboratory Techniques
- **Unit 6** - Medical Case Study

## Assessment

The course is assessed through a combination of internally and externally assessed assignments and exams.

- **Unit 1 and 6** - Written External Exams - 37.5%
- **Unit 2, 3 and 4** - Assessed Assignments - 50%
- **Unit 5** - Externally Assessed Assignment - 12.5%

## Particular Subjects, Skills or Interests

This course contains a significant proportion of independent study and research.

As a minimum you will require at least a C/4 grade in Science and Maths.

## Post-18 Opportunities

This qualification equips learners with scientific knowledge and understanding, as well as practical skills that would support progression to degree courses or job roles within health care. These may include laboratory testing to support diagnosis and treatment of disease, working directly with patients, measuring and evaluating particular organs and systems, such as scientists working in neurophysiology recording the electrical activity in the brain.

**Subject Leader:** Mrs N Williams

## Subject Champions

2021/22



### Natasha Cuplip

**Studying:** Welsh Baccalaureate, Media Studies, Medical Science, Physical Education and Psychology.

**Future aspirations:** study sports psychology at university.

### Aaron Johnson-Edwards

**Studying:** Welsh Baccalaureate, Medical Studies and Physical Education.

**Future aspirations:** to pursue a career with the police.

*"This is an exciting subject, which takes us on a journey through the human body exploring different diseases and treatments. The knowledge we gain is used for both coursework and exams which are linked to a body system. The support and help we are given gives us the confidence to enjoy and explore further with medical science."*