

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

2020/21



Aaron Johnson-Edwards

Studying: Medical Science, Sociology, Physical Education & Welsh Baccalaureate.

Future aspirations: to go into the police force.

Jak Evans

Studying: Medical Science, ICT, Religious Studies & Welsh Baccalaureate.

Future aspirations: to pursue a career in primary education.

“This is an intriguing subject which explores the different functions of the human body and various diseases such as cancer and meningitis. At the end of the year we have an exam based on these topics. Our study takes place in a relaxed environment with a teacher who is supportive.”