

EDEXCEL / PEARSON / 2 YEARS

MEDICAL SCIENCE

Do you enjoy learning science in a practical way? Do you have a particular interest in applications of science in medicine and clinical work? Do you want to build up a science portfolio to complement other studies?

This course is a more vocational work-related qualification which follows on from GCSE science and aims to give students the knowledge, understanding and skills needed to prepare for employment.

The BTEC Level 3 Subsidiary Diploma in Medical Science is the equivalent of one A-level. A strong foundation is laid in all aspects of science in the first year, then there is a focus on biological units in the second year.

MANDATORY UNITS

Fundamentals of Science
Working in the Science Industry
Scientific Practical Techniques

OPTIONAL UNITS

Physiology of Human Body Systems
Biochemistry and Biochemical Techniques
Genetics and Genetic Engineering

Assessment is through portfolio evidence and provides opportunities for practical and skills assessments. Due to the broadly vocational nature of the course, students will research and visit scientific organisations throughout the two years. The department has strong links with the NHS and the science departments at Durham, Teesside and Newcastle Universities, making use of their facilities and expertise where relevant. Throughout the course, students will have the opportunity to engage with a range of guest speakers from industry and academia.

SUBJECT COMBINATIONS

This course complements many subjects including Criminology, Health and Social Care (BTEC), Sport (BTEC), Physical Education, Psychology and Law (BTEC).

CAREERS/HE INFORMATION

The practical knowledge students acquire in this course and the ability to analyse data will be extremely useful for those who want to go on to study a degree, for example in academic sciences, teaching, nursing, midwifery and social science.