

BTEC National Extended Certificate

MEDICAL SCIENCE

The Pearson Alternative Academic Qualification BTEC National in Medical Science (Extended Certificate) enables students to study the principles and applications of medical science focusing on the physiology of the human body, disease and diagnostic techniques. It is equivalent to 1 A level and can be taken alongside other A levels or BTEC AAQ qualifications. It can link to learning in level 3 subjects such as physical education and sport, sociology, chemistry and psychology.

Introduction

Assessment of the course is both via external examination and coursework style assignments. During the assignments, you will develop research skills and be able to analyse useful scientific sources.

The course also has a considerable proportion of microbiology practical techniques where you will learn laboratory skills and conduct research to plan for an independent investigation. The development of these skills are transferable to both higher education and science-based careers.

How will I be assessed?

There are two examinations, one in the first year of the course and one in the second year of the course.

There are also two units that are internally assessed in the form of assignment work.

What will I study?

This new course offers students the opportunity to further their study of science but with a different approach to the traditional A level route. Students will learn practical and investigation skills that build on this fundamental knowledge.

The Units of the course cover the following areas:

- Human anatomy, physiology and pathology
- Health issues and scientific reporting
- Practical microbiology and infectious diseases
- Biomedical Science

Specific course entry requirements

College entry to include GCSE Science minimum grade 4,4 or BTEC equivalent and GCSE Maths grade 4.

Where will this course lead me?

This qualification can lead to progression to the following degrees:

- BSc (Hons) Nursing (Adult Health/Child Health/Mental Health)
- BSc (Hons) Psychology
- BSc (Hons) Physiotherapy