



# 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, diseases, and diagnostic techniques. It is equivalent to 1 A level and can be taken alongside other A levels or BTEC AAQ qualifications. It complements Level 3 subjects such as Physical Education, Sport, Sociology, Chemistry, and Psychology.

## Specific course entry requirements

College entry, including a minimum of grade 4,4 in GCSE Science or BTEC equivalent, and grade 4 in GCSE Maths (please refer to the Entry Requirements section on the college website for further details).

## 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 is transferable to both higher education and science-based careers.

## How will I be assessed?

There are two examinations: one in the first year 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

## Where will this course lead me?

This qualification can lead to progression onto the following degree programmes:

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