

COWLEY

SIXTH FORM COLLEGE

LEVEL 3 AAQ BTEC NATIONAL

MEDICAL SCIENCE

Overview

Medical Science is a dynamic and practical qualification equivalent to one full A Level, designed for students interested in the medical and health science sectors. This course provides an in-depth exploration of key scientific disciplines with direct relevance to healthcare, preparing learners for both further study and potential careers in medical and allied professions.

Students will complete a range of engaging units that cover critical areas including Microbiology, Fertility and Reproductive Biology, Core Biological Processes, and Health Issues in Society. Each unit combines theoretical knowledge with applied scientific practice, giving learners a strong foundation in how science is used in real-world medical contexts.

Assessment is through a combination of coursework and examinations, allowing students to demonstrate their understanding and practical skills in varied and meaningful ways.

In Year 12, you will take part in externally examined units. The units are Unit 1: Principles of Human Physiology, Anatomy and Pathology and Unit 2: Health Issues and Scientific Reporting. There are opportunities for hands-on learning as there are various practical sessions planned across both these units.

In Year 13, you will delve into the understanding of reproduction and fertility and practical microbiology and infectious diseases. These are the internally assessed units.

This course is designed for learners who are interested in learning about the science sector alongside other fields of study, with a view to progressing to a wide range of higher education courses and can lead to careers in nursing, sports related careers, physiotherapy, health care careers, primary and secondary education, midwifery, laboratory technicians and many more.

Equipment that you will need

Pen, pencil, ruler, protractor, scientific calculator, lab coat (optional).

Safety goggles and all other science-based equipment will be provided.

Progression

Past students have gone to study science degrees, nursing, biomedical sciences and allied health courses.