

Applied Diploma in Medical Science Level 3

Qualification Aims and Objectives

This qualification deals with the maintenance of health and the prevention and treatment of diseases. It is suitable for students looking for careers in healthcare and medical research.

The aims of this course are:

- To acquire knowledge, understanding and skills in key scientific principles to support progress to higher education or employment in areas of medical science, e.g. jobs in physiological science or clinical laboratory services.
- To become both effective and confident users of technology in order to move onto a more advanced study of medical science or employment.
- To provide a framework and specific content through which students may address spiritual, moral, ethical, social and cultural issues which aims to help the understanding of underlying causes of disease.

Course Outline

There are six mandatory units:

- Unit 1: Human health & disease - externally assessed via a written exam (25%).
- Unit 2: Physiological measurement techniques - internally marked written assessment (12.5%).
- Unit 3: Medical Science research methods - internally marked written assessment (12.5%).
- Unit 4: Medicines & treatment of disease - internally marked written assessment (25%).
- Unit 5: Clinical laboratory techniques - internally marked written assessment (12.5%).
- Unit 6: Medical case study - externally assessed via written exam (12.5%).

The specification uses two types of external assessment: 1) written examinations for unit 1 and unit 6; 2) an externally set and marked, task-based assessment for unit 5.

This new Level 3 Diploma in Medical Science allows learners thinking about studying this topic at university the opportunity to get a head start as this course deals with medical science in meaningful contexts. Likewise, it gives those learners looking to move into employment in the healthcare industry a real opportunity to discover how science today is used to improve the quality of life, protecting individuals and society. The qualification's synoptic focus will ensure that learning is coherent across all units by bringing in a real case study in Unit 6.

This subject develops skills highly sought after in many careers. Analytical thinking, problem solving, competent use of technology and the ability to back opinions with evidence are relevant to many other subjects.



Entry Requirements

Minimum of 5 9-4 grades in GCSE examinations including English and Maths.

Future courses & possible careers

- Nursing
- Healthcare
- Medical Research
- Veterinary Studies

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