Medical Sciences

This is a vocational qualification that focuses on applying scientific knowledge, along with practical skills to real world health care scenarios. The course is designed for students who may be interested in science, but would like a course that is more applied and career focused, rather than the traditional A-Level approach.

The course is a great blend of biology, chemistry and physics, along with health care science. The units consist of Human biology and physiology, microbiology, health monitoring and diagnosis to name but a few. You will develop the following knowledge and skills from the mandatory units:

- Knowledge and understanding of human physiology, anatomy and pathology
- Secondary research skills including collection and interpretation of data from valid sources and drawing reasoned conclusions
- Practical skills in microbiology and their application in the diagnosis of disease
- Critical thinking

The course is suitable for students who want a strong science background but prefer continuous assessments over purely exam-based A-Levels.

HOW WILL I BE ASSESSED?

Assessment is a mix of external assessments (exams), and internal assessments (coursework and practical skills).

Units 1 and 2 will be assessed via external examinations.

Unit 3 and 4 will be assessed internally using coursework, creating a portfolio of evidence.

The course does allow opportunities for resit.

HOW WILL I BE TAUGHT?

The emphasis of the course is applying knowledge to health care scenarios and when possible, taking a hands-on approach, carrying out various practical enquiries. The lessons will be a mix of theory and practical work. At times case studies will be also used to help students expand their understanding and learn about real life health care scenarios. The course allows for a range of skills to be developed such as experimental analysis, research, report writing and understanding ethics and safety in medical science.

CAREER PROGRESSION

BTEC Medical Science Level 3 is the equivalent in size and rigor to a A-Level. The course is designed to prepare students for University, Apprenticeships or employment in the healthcare or science sectors. The nature of the course equips students with the academic knowledge and practical skills that may be necessary in careers such as : Nursing, Biomedical Science, Physiotherapy, Radiography, Paramedic Science, Forensic Science & Midwifery. The course allows students access route into apprenticeships or science related employment: Laboratory assistant, Quality control, NHS degree apprenticeships.

Level 3 BTEC Nationals (AAQ)

Board: Pearson

2 Year Course

ENTRY REQUIREMENTS

Our entrance requirements are 6 GCSE/ BTEC passes at Grade 4 (or equivalent) or above. It is also desirable for students to achieve a Grade 5 or above in the subject (or related subjects) that they wish to study at Sixth Form.

FOR MORE INFORMATION ON THIS SUBJECT

It is essential that you discuss your subject choices fully with teachers and parents.

The subject page is available to view below.

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