

Biomedical Science BTEC Level 3



Exam Board: Edexcel

Why Biomedical Science?

The medicine profession is not all about the doctors we see. Behind the scenes are a huge variety of people researching, testing, implementing, and building the drugs, machines and process. By studying Biomedical Sciences you will get an insight into some of these areas while participating in a broad Science curriculum.

Thinking and Life Skills you will develop:

- Application of skills to tackle unfamiliar problems
- Relating theory to practical application
- Research and analytical skills
- Critical and evaluative thinking
- Practical dexterity
- Ability to analyse qualitative and quantitative data thoroughly.

Possible careers:

This qualification supports progression to job opportunities in the science industry at a variety of levels. Jobs available in this area include:

- Chemical Technician
- Biomedical Scientist
- Clinical Scientist
- Science Teacher

What will you study?

Fundamental principles and applications in Biology, Chemistry and Physics are the backbone of all biomedical endeavours. The first part of the course is a compulsory module in each of these areas. Thereafter, three more specialised units will be covered from a list including; Biomedical Science, Human Physiology, Regulation and reproduction, Biological Molecules and Metabolic Pathways, Genetics and Genetic Engineering, Disease and Infection, Microbiology, Medical Physics.

University degrees that accept the Biomedical Applied Science BTEC:

This qualification is recognised by higher education institutions as fully meeting admission requirements to many relevant courses in a variety of areas of the science sector, for example:

- BSc (Hons) in Chemistry with Analytical Science
- BSc (Hons) in Bioscience
- Higher National Diploma (HND) in Applied

Entry requirements:

Minimum grade 5:5 in combined science. English language and maths grade 5.



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