



## Applied Science (Medical Science) - BTEC National Level 3

### What are BTEC Nationals?

BTEC Nationals are designed to give you the knowledge, understanding and skills that you need to prepare for employment, career development and progression into higher education and university. You learn through 'real life' scenarios that are based on realistic workplace situations, completing assignments to either pass, merit or distinction levels.

Currently you can choose from two possible pathways that are outlined below but the course is in the progress of being changed and is dependent upon Government approval. How different the new proposed course will be we cannot say as at the time of printing it had not been announced.

- BTEC Level 3 Subsidiary Diploma (6 units) - equivalent to 1 A Level. This is studied in one option block over two years.
- BTEC Level 3 Diploma (12 units) - equivalent to 2 A Levels. This is studied in two option blocks over two years

The BTEC National in Medical Science consists of both Core and Specialist units - here are a few examples:

CORE	SPECIALIST
Fundamentals of Science	Physiology of human body systems
Working in the Science Industry	Genetics and Genetic Engineering
Scientific Practical Techniques	Diseases and Infection



This course would suit someone who likes science and wants to demonstrate their understanding through producing coursework portfolios rather than through examinations. It links with science-based careers in laboratories and hospitals. There is a focus on research and developing practical skills and we plan several visits for students to gain experience of different scientific careers.

Progression onto Applied Science BTEC Level 3 National will require at least 5 GCSEs, or equivalent, at grade C or above and you must achieve at least D grades in GCSE Science, or Merit/Distinction at BTEC Level 2. Please talk to the Head of Department if you are interested in this subject.