

# BTEC Level 3 National Extended Diploma in Applied Science - Biomedical Science



New Specification

## Specific course entry requirements:

College entry to include GCSE Mathematics minimum grade 4 and GCSE Combined Science (or Biology) minimum grade 4

## What will I study:

Are you interested in pursuing a career in science or have ambitions to study towards a degree in Science? If so, this new 3 A level equivalent BTEC may be the course for you. The course is designed for those who have a lively and enquiring mind and have an enthusiasm for new ideas and concepts.

As you progress on the course you will find that your knowledge and understanding of science is enhanced and that you gain confidence in your own abilities through the practical aspects of the course. If you are considering future employment in a related field or progression to higher education then you will find that how you communicate and work within a team are extremely important skills to acquire. There is also a keen emphasis placed on how you work independently.

## Units of study to include:

- Physiology of Human Body Systems
- Human Regulation and Reproduction
- Biological Molecules and Metabolic Pathways
- Genetics and Genetic Engineering
- Microbiology and Microbiological techniques
- Biomedical Science
- Contemporary Issues in Science

## How will I be assessed:

For each of the units you will be assessed either internally (coursework - 50% of final grade) or externally (assessed task or examination - 50% of final grade).

## Where will this course lead me?

Successful completion of this course will allow progression to careers in Biomedical Science, Biology, Medical Genetics, Medicinal Chemistry, Biochemistry, Nursing, Radiotherapy and Animal Science.