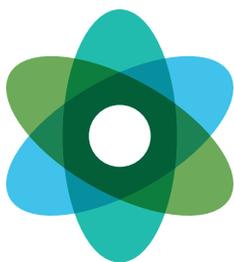


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BTEC Level 3  
National  
Extended  
Diploma  
**Biomedical  
Science**





The BTEC National Extended Diploma Biomedical Science is a two year advanced course which will give you an in-depth understanding of medical science. This course is equivalent to three A levels and is designed to provide a specialised work-related qualification across all areas of Science. It is perfect if you want to pursue a career in the field of science, such as biology, operating department practitioner, audiology, paramedics, nursing, pharmacy, biomedical science, food science, psychology and physiotherapy.

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### Introduction

Throughout the course you will explore a number of fundamental scientific concepts in chemistry, biology and physics and there is a large emphasis on practicals and practical techniques. The course then allows you to gain specialist biomedical knowledge through units such as disease and infections to support your progression into a medical field.

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**Level** Level 3

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### Specific course entry requirements

College entry to include GCSE Science minimum grade 4,4 or BTEC equivalent and GCSE Mathematics 4 (please refer to the Entry Requirements section page 24 for further details).

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### What will I study?

This course is practical with most sessions involving lab work or computer based research making use of the college learning resources. Over the two years there are 13 units to be completed, including the 7 mandatory units:

- + Principles and Application of Science I
- + Practical Scientific Procedures and Techniques
- + Science Investigation Skills
- + Laboratory Techniques and their Application
- + Principles and Application of Science II
- + Investigative Project
- + Contemporary Issues in Science

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### How will I be assessed?

There is a mixture of exams, externally set and marked assignment and internally set and marked assignments.

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### Where will this course lead me?

This course is an excellent base for university studies and careers in health care, including biomedical science, pharmacy pharmaceutical science, pharmacology, physiotherapy, audiology, microbiology, food science, nursing, radiography, optometry and Science Lab Technician.

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