

# **BTEC Extended Diploma in Applied Science (Medical Science)**

## **Level 3**



### **INTRODUCTION**

The Edexcel BTEC Extended Diploma in Applied Science is a full time level 3 course studied over 2 years. It provides the broad equivalent of 3 full A levels and provides UCAS points. This exciting new level 3 syllabus provides a pathway to University in Science related subjects. It involves a large element of Biology, Chemistry and some Physics. It will also prepare students for work in Science and Health related fields such as biomedical science, nutrition, pharmaceutical science, radiography and physiotherapy.

In the first year you will study for the subsidiary diploma with one AS level or GCSE alongside. You will also be studying some extended diploma units.

In the second year you complete the extended diploma with the option of continuing with your AS subject to A2 level. Entry to the second year depends on your performance in the first year.

### **WHAT WILL I DO**

#### Year 1

- Fundamentals of Science
- Scientific Practical techniques
- Working in the Science Industry
- Genetics and Genetic Engineering
- Physiology of Human Body Systems
- Biochemistry and Biochemical Techniques
- Using Mathematical tools in Science
- Using Statistics in Science
- Perceptions of Science
- Diseases and Infections

#### Year 2

- Scientific Investigation
- Chemical Laboratory Techniques
- Medical Physics Techniques
- Physiology of Human Regulation and Reproduction
- Biomedical Science Techniques
- Chemistry for Biology Technicians
- Physiological Investigations
- Energy Changes and their applications
- Microbiological techniques

This level 3 qualification is coursework based- it is assessed by College set assignments and externally moderated by Edexcel. There are no external exams.

### **HOW LONG WILL IT TAKE**

The Extended Diploma requires two years of study.

### **ENTRY QUALIFICATIONS**

You should have 5 GCSEs at Grade C or above, with a grade C minimum in GCSE Science and preferably grade C in Maths and English. (Or equivalent in other qualifications to be discussed at interview).

## **FEES**

Full time Courses are free for those who are under 19 on 31 August of the year they start their course. For others, fees may vary depending on personal circumstances. Please enquire for details.

International and EU Students, please contact the International Office on +44 (0)1205 313212 or [enquiry@boston.ac.uk](mailto:enquiry@boston.ac.uk) for details on Fees.

## **ADDITIONAL COSTS**

Approximate additional costs: £40.

## **ADDITIONAL INFORMATION**

Where courses last for more than one year, only the first year's fees are shown.

## **HOW TO APPLY**

You can apply for this course by applying [online](#), by filling out an application form from the College prospectus or by contacting the Information Officer on 01205 313218 for further information.

The Information on this Course Information Sheet is correct at time of print, but can be subject to change at anytime.